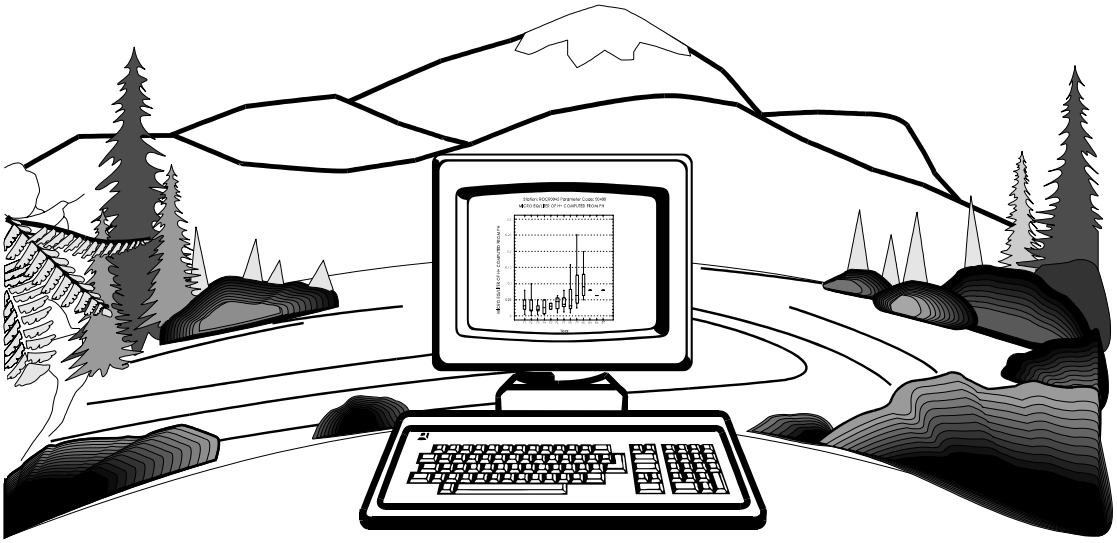
Baseline Water Quality Data

Inventory and Analysis

Timucuan
Ecological and Historic Preserve



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

TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 24 industrial/municipal dischargers; no drinking water intakes; 18 active or inactive U.S. Geological Survey (USGS) and U.S. National Ocean Service water gages (including stream, estuary, well and climate); and one water impoundment. The results of the STORET retrieval for the study area yielded 493,316 observations for 532 separate parameters collected by the NPS, USGS, EPA, Florida Department of Environmental Protection (FDEP), City of Jacksonville Air and Water Quality Division, Watershed Action Volunteers, Jacksonville Electric Authority, and St. Johns River Water Management District at 445 monitoring stations from 1961 through 1998. Approximately 81 percent of the 493,316 observations within the study area were entered by the NPS from data collected from 1972 through 1998. Of the 400,249 observations entered into STORET by the NPS, approximately 97 percent were reported at two stations (TIMU 0178, TIMU 0213) equipped with data logging instruments within the TIMU park boundary. These data were provided by the USGS Biological Resources Division from a study that included water quality parameters in open and closed tidal creeks. Of the 445 monitoring stations, 175 stations were located within the TIMU park boundary and four stations were located within the FOCA park boundary (see Station Period of Record Tabulation). Forty-two stations within the study area (18 within the TIMU park boundary) were established but contained no data. Six stations within the study area (one within the TIMU park boundary) were established but did not contain data appropriate for statistical analysis. Twenty-three of the 445 monitoring stations contained data locked by the FDEP[†]. These locked data are not included in the 493,316 total observations retrieved from STORET for the TIMU and FOCA study area.

Many of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. One-hundred-two stations within the study area (43 within the TIMU park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundaries are: (1) Sisters Creek south of the confluence with the Fort George River (TIMU 0114); (2) St. Johns River near Marker 34 (TIMU 0188); (3) Intracoastal Waterway (ICWW) at Buoy No. 9 (TIMU 0120); (4) St. Johns River near Marker 34 (TIMU 0191); and (5) Nassau River at the U.S. Route 17 Bridge (TIMU 0405). The stations yielding the longest-term records within the study area, but outside of the park boundaries, are: (1) (South) Amelia River at ICWW Marker 1 (TIMU 0165); (2) St. Johns River near Dames Point (TIMU 0315); (3) St. Johns River at the

[†]When data are entered into STORET and locked by the controlling agency (FDEP), results of a STORET retrieval are limited to general station information and any "unlocked" portions of the data. Additional data must be obtained by contacting the controlling agency (FDEP).

Dames Point Bridge (TIMU 0343); (4) St. Johns River at Marker 60 (TIMU 0408); and (5) ICWW No. 3 at Marker 15 (TIMU 0077)[††].

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

Dissolved oxygen concentrations were measured 48,723 times at 234 monitoring stations from 1961 through 1998. Of the 48,721 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 6,211 concentrations at 74 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life from 1964 through 1998. Approximately 95 percent of the observations less than or equal to 4 mg/L were reported at two stations equipped with data logging instruments within the TIMU park boundary in Cedar Point Creek north of the State Route 105 Bridge (TIMU 0178) and Clapboard Creek near the State Route 105 Bridge (TIMU 0213) during 1997 and 1998.

The pH was measured 54,932 times at 268 monitoring stations from 1961 through 1998. Of the 54,930 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 594 observations at 94 stations were outside the pH ranges 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 1965 through 1998. Five-hundred-seventy-nine observations at 92 stations were less than or equal to pH 6.5 from 1965 through 1998. Fifteen concentrations at two estuary stations, within the TIMU park boundary in Clapboard Creek near the State Route 105 Bridge (TIMU 0213) and outside the park boundaries in the St. Johns River at Dames Point Turn (TIMU 0340), were greater than or equal to pH 8.5 during 1973 and 1998. The highest pH of 9.9 SU was reported in the St. Johns River at Dames Point Turn (TIMU 0340) in March 1973. The lowest pH of 3.3 SU was reported at ICWW Marker 46 at the junction of the South Amelia and Nassau Rivers (TIMU 0139) in July 1978.

Turbidity concentrations were measured 52,661 times at 199 monitoring stations from 1962 through 1998. Two-thousand-four observations at ten stations, within the TIMU park boundary in Cedar Point Creek north of the State Route 105 Bridge (TIMU 0178), Clapboard Creek near the State Route 105 Bridge (TIMU 0213), Garden Creek and its tributaries (TIMU 0058, TIMU 0060, TIMU 0098), and Deep Creek near ICWW Marker 79 (TIMU 0122) and outside the park boundaries in the St. Johns River at Buoy 59 (TIMU 0395), St. Johns River near Dames Point (TIMU 0315), Dunn Creek near the St. Johns River (TIMU 0372), and Broward River at the State Route 105 Bridge (TIMU 0388), equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1969 through 1998. All but ten of these 2,004 concentrations were reported at two stations equipped with data logging instruments within the TIMU park boundary in Cedar Point Creek north of the State Route 105 Bridge (TIMU 0178) and Clapboard Creek near the State Route 105 Bridge (TIMU 0213) during 1997 and 1998, including the highest concentration of 927 NTU in Clapboard Creek (TIMU 0213) in March 1998.

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

Total coliform concentrations were measured 2,664 times at 157 monitoring stations from 1965 through 1998. Of the 2,663 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 622 concentrations at 89 stations equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1965 through 1998. The highest concentration of 300,000 CFU/100 ml was reported in the South Amelia River at ICWW Marker 1 (TIMU 0165) in January 1994. Fecal coliform concentrations were measured 2,803 times at 165 monitoring stations from 1965 through 1998. Of the 2,802 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 673 concentrations at 98 stations equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1965 through 1998. The highest concentration of 160,000 MPN/100 ml was reported in Terrapin Creek at the Alta Road Bridge (TIMU 0361) in January 1994.

Total chloride concentrations were measured 2,687 times at 215 monitoring stations from 1962 through 1998. Of the 1,759 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation)[†††], 1,551 concentrations at 73 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1962 through 1998. One-thousand-five-hundred-twelve of these 1,551 concentrations also exceeded the acute freshwater criterion of 860 mg/L. The highest concentration of 34,530 mg/L was reported in the South Amelia River at ICWW Marker 1 (TIMU 0165) in October 1977.

Fluoride concentrations (including dissolved and total) were measured 326 times at 46 monitoring stations from 1961 through 1998. Of the 197 observations used in the criteria analysis[†††], nine total concentrations, ranging from 110 mg/L to 800 mg/L at eight stations in the Saint Johns River, within the TIMU park boundary near Sisters Creek (TIMU 0142) and near Marker 34 (TIMU 0188) and outside the park boundaries near the mouth of the St. Johns River (TIMU 0010, TIMU 0014), near Browns Creek (TIMU 0230), near Blount Island at Marker 42 (TIMU 0231), at Mill Cove entrance (TIMU 0256), and near the Broward River and Green Marker 57 (TIMU 0376), exceeded the drinking water criterion of 4 mg/L during 1991 and 1992. The highest concentration of 800 mg/L was reported in the St. Johns River near the Broward River and Green Marker 57 (TIMU 0376) in August 1991.

Total sulfate concentrations were measured 353 times at 57 monitoring stations from 1962 through 1998. Of the 295 observations used in the criteria analysis[†††], 146 concentrations at 19 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1962 through 1998. The highest concentration of 14,000 mg/L was reported in the Nassau River east of Nassauville near the Interstate Route 95 Bridge (TIMU 0421) in March 1983.

Arsenic concentrations (including dissolved, suspended, total, and total recoverable) were measured 394 times at 63 monitoring stations from 1972 through 1998. Of the 393 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one total concentration of 50 micrograms per liter (µg/L) in the South Amelia River at ICWW Marker 1 (TIMU 0165) equaled the drinking water criterion of 50 µg/L in July 1982.

Cadmium concentrations (including dissolved, suspended, total, and total recoverable) were measured 732 times at 100 monitoring stations from 1973 through 1998. Of the 722 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), fifty-two concentrations at 24 marine stations equaled or exceeded the acute marine criterion of 43 µg/L from 1973 through 1990. Six concentrations, ranging from 41 µg/L to 100 µg/L at six stream stations (TIMU 0165, TIMU 0264, TIMU 0352, TIMU 0363, TIMU 0387, TIMU 0402),

[†††]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, fluoride, sulfate, and chromium drinking water or acute freshwater criteria may not be appropriate.

exceeded the acute freshwater criterion of 3.9 µg/L and drinking water criterion of 5 µg/L from 1981 through 1987[††††]. The highest concentration of 200 µg/L was reported within the TIMU park boundary in the St. Johns River near Marker 34 (TIMU 0191) in May 1974.

Chromium concentrations (including dissolved, suspended, total, and total recoverable) were measured 675 times at 112 monitoring stations from 1964 through 1998. Of the 138 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation)[†††], three total concentrations, ranging from 120 µg/L to 220 µg/L at three non-marine stations, near the Jacksonville Electric Authority Northside Power Plant (TIMU 0325, TIMU 0327) and in the Amelia River at ICWW Marker 1 (TIMU 0165), exceeded the drinking water criterion of 100 µg/L during 1977 and 1981. The highest concentration of 220 µg/L was reported in the South Amelia River at ICWW Marker 1 (TIMU 0165) in May 1981.

Copper concentrations (including dissolved, suspended, total, and total recoverable) were measured 989 times at 131 monitoring stations from 1972 through 1998. Of the 894 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 408 concentrations at 59 marine stations exceeded the acute marine criterion of 2.9 µg/L from 1975 through 1998. Twenty-eight concentrations at 14 non-marine stations exceeded the acute freshwater criterion of 18 µg/L from 1973 through 1995[††††]. The highest concentration of 490 µg/L was reported in the South Amelia River at ICWW Marker 1 (TIMU 0165) in May 1981.

Lead concentrations (including dissolved, suspended, total, and total recoverable) were measured 920 times at 125 monitoring stations from 1972 through 1998. Of the 909 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 38 concentrations at 15 marine stations equaled or exceeded the acute marine criterion of 220 µg/L from 1975 through 1990. Twelve concentrations ranging from 15 µg/L to 920 µg/L at six non-marine stations, within the FOCA park boundary at Spanish Pond (TIMU 0179) and outside the park boundaries in the Nassau River at the U.S. Route 17 Bridge (TIMU 0402), South Amelia River at ICWW Marker 1 (TIMU 0165), St. Johns River at Red Marker 10 (TIMU 0010), St. Johns River at Dames Point Bridge (TIMU 0343), and the St. Johns River at Marker 60 (TIMU 0408), equaled or exceeded the drinking water criterion of 15 µg/L from 1973 through 1997. Three of these 12 concentrations also exceeded the acute freshwater criterion of 82 µg/L during 1981 and 1987[††††]. The highest concentration of 920 µg/L was reported in the Nassau River at the U.S. Route 17 Bridge (TIMU 0402) in November 1987.

Mercury concentrations (including dissolved, suspended, total, and total recoverable) were measured 430 times at 96 monitoring stations from 1972 through 1998. Of the 424 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 15 concentrations at seven marine stations, within the TIMU park boundary in the St. Johns River near Marker 34 (TIMU 0187, TIMU 0191, TIMU 0196) and outside the park boundaries in the St. Johns River, at the mouth of Browns Creek (TIMU 0234), Blount Island Channel (TIMU 0270), Dames Point Turn (TIMU 0324), and near Broward River (TIMU 0377), exceeded the acute marine criterion of 2.1 µg/L from 1973 through 1986. The highest concentration of 6.4 µg/L was reported in the St. Johns River near Broward River (TIMU 0377) in October 1973.

[†††]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, fluoride, sulfate, and chromium drinking water or acute freshwater criteria may not be appropriate.

[††††]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 St. Johns River near Drummond Point is the site of both marine (TIMU 0377, TIMU 0395, TIMU 0396) and non-marine (TIMU 0387, TIMU 0388, TIMU 0394) stations. Consequently, both marine and freshwater criteria are applied near the location.

Nickel concentrations (including dissolved, suspended, total, and total recoverable) were measured 462 times at 80 monitoring stations from 1972 through 1998. Twenty-eight total recoverable concentrations at 16 estuary stations exceeded the acute marine criterion of 75 µg/L from 1987 through 1991. Three concentrations, ranging from 270 µg/L to 450 µg/L at three non-marine stations, near Jacksonville Electric Authority Northside Power Plant (TIMU 0325, TIMU 0327) and the Nassau River at the U.S. Route 17 Bridge (TIMU 0402), exceeded the drinking water criterion of 100 µg/L during 1977 and 1989[††††]. The highest concentration of 1,000 µg/L was reported within the TIMU park boundary in Sisters Creek near the Fort George River (TIMU 0115) in March 1990.

Silver concentrations (including dissolved, total, and total recoverable) were measured 243 times at 55 monitoring stations from 1982 through 1998. Of the 119 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 27 concentrations at 16 estuary stations exceeded the acute marine criterion of 0.12 µg/L from 1989 through 1997. One concentration of 5 µg/L in the Nassau River at the U.S. Route 17 Bridge (TIMU 0402) exceeded the acute freshwater criterion of 4.1 µg/L in July 1987[††††]. The highest concentration of 2,400 µg/L was reported within the TIMU park boundary in Edwards Creek at the second bend (TIMU 0276) in May 1990.

Zinc concentrations (including dissolved, suspended, total, and total recoverable) were measured 934 times at 132 monitoring stations from 1972 through 1998. Of the 924 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 63 concentrations at 31 estuary stations exceeded the acute marine criterion of 95 µg/L from 1973 through 1997. Ten concentrations, ranging from 124 µg/L to 355 µg/L at four stream stations, in the South Amelia River at ICWW Marker 1 (TIMU 0165), Nassau River at the U.S. Route 17 Bridge (TIMU 0402, TIMU 405), and the Nassau River near Italia (TIMU 0437), exceeded the acute freshwater criterion of 120 µg/L from 1974 through 1995[††††]. The highest concentration of 4,950 µg/L was reported in the St. Johns River near Dames Point (TIMU 0315) in June 1997.

The IDEA conducted for TIMU and FOCA indicates that STORET data exist for all 13 Level I parameter groups in the study area. For the parameter group Flow, no observations were recorded since 1984. Overall, approximately 89 percent of the observations for Level I parameter groups were recorded since 1985. Data for six groups (Alkalinity, Flow, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements) were recorded at less than half of the 403 monitoring stations with data. Relative to other parameter groups, data were limited for the group Flow. Results for 24 of the 126 EPA priority toxic pollutants (consisting of general inorganic parameters, metals, and pesticides) were retrieved from STORET.

Surface water resources in the TIMU and FOCA study area include the Atlantic Ocean; portions of the Intracoastal Waterway; St. Johns, Fort George, Nassau, South Amelia, and other rivers; Dunn, Clapboard, Browns, Cedar Point, Edwards, and many other creeks; Sample, Clapboard, and numerous other swamps and marshes; many interconnected lakes and lagoons; and some small impoundments. 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; agricultural operations; marine traffic; stormwater runoff; recreational activities; and atmospheric deposition.

[††††]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 St. Johns River near Drummond Point is the site of both marine (TIMU 0377, TIMU 0395, TIMU 0396) and non-marine (TIMU 0387, TIMU 0388, TIMU 0394) stations. Consequently, both marine and freshwater criteria are applied near the location.

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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:

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METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

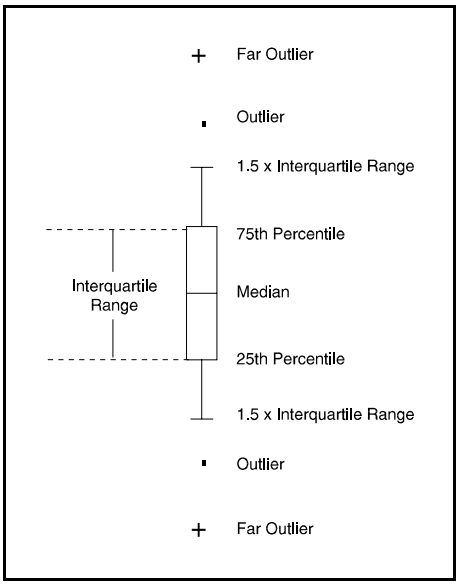
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR TIMU/FOCA

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:	212118	45728
# STORET Stations:	445	179
# Stations With No Data:	42	18
# Stations With No Stat. Analysis:	6	1
# Longer Term Stations:	102	43
Date of STORET Retrieval:	12/21/99	12/21/99
Period of Record:	10/17/61-12/30/98	10/17/61-12/30/98
# Parameters Measured:	532	427
# Water Quality Observations:	493316	423978
# Industrial/Municipal Facilities:	24	2
# Drinking Water Intakes:	0	0
# Water Gages:	18	4
# Water Impoundments:	1	0
# Total Plots:	159	38
# Time Series:	74	17
# Annual:	48	16
# Seasonal:	37	5

Hydrologic Definition of Seasons:

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

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 12 years and at least 56 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 6 years.

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

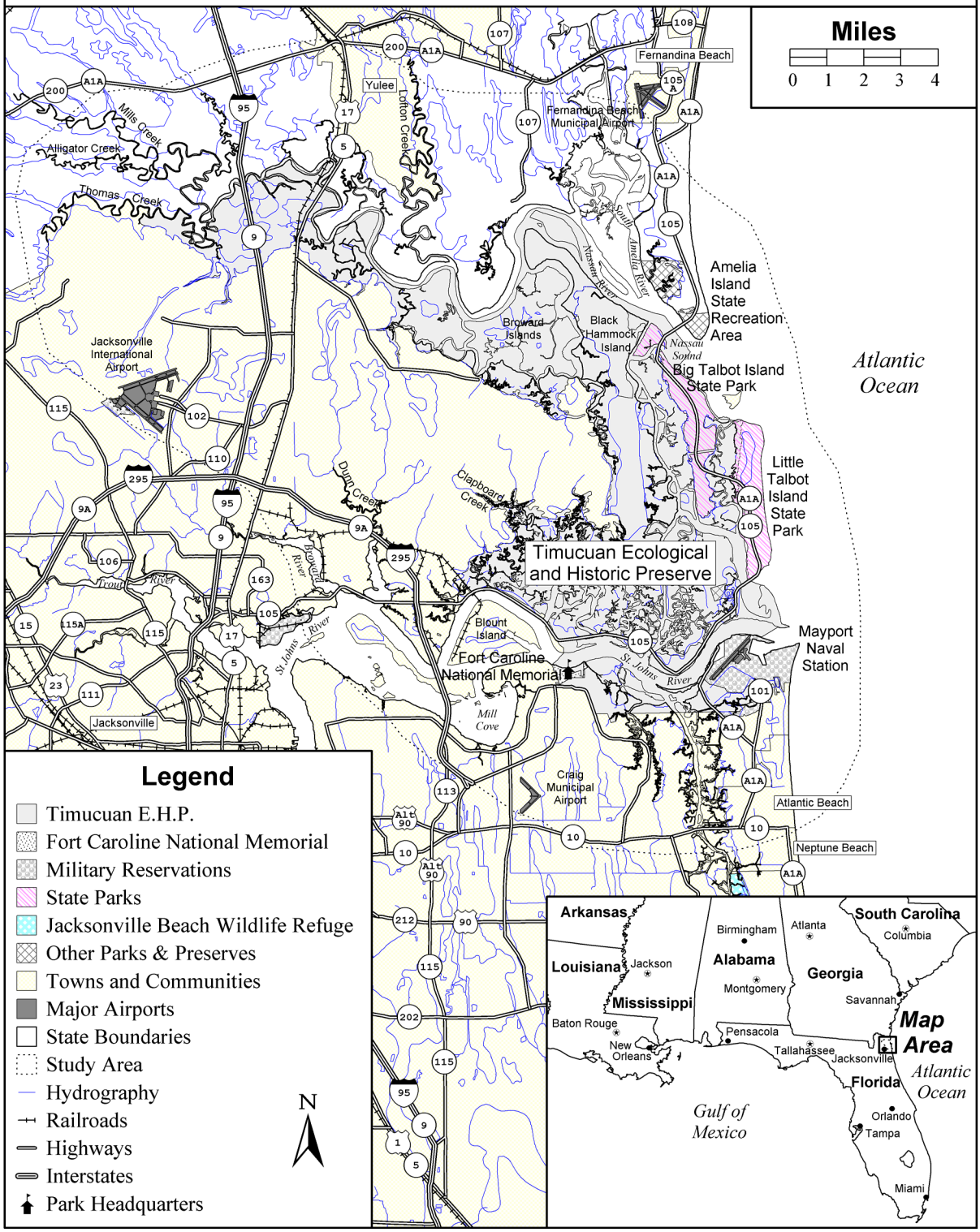
Seasonal Analysis Criteria:

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

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

Timucuan Ecological and Historic Preserve

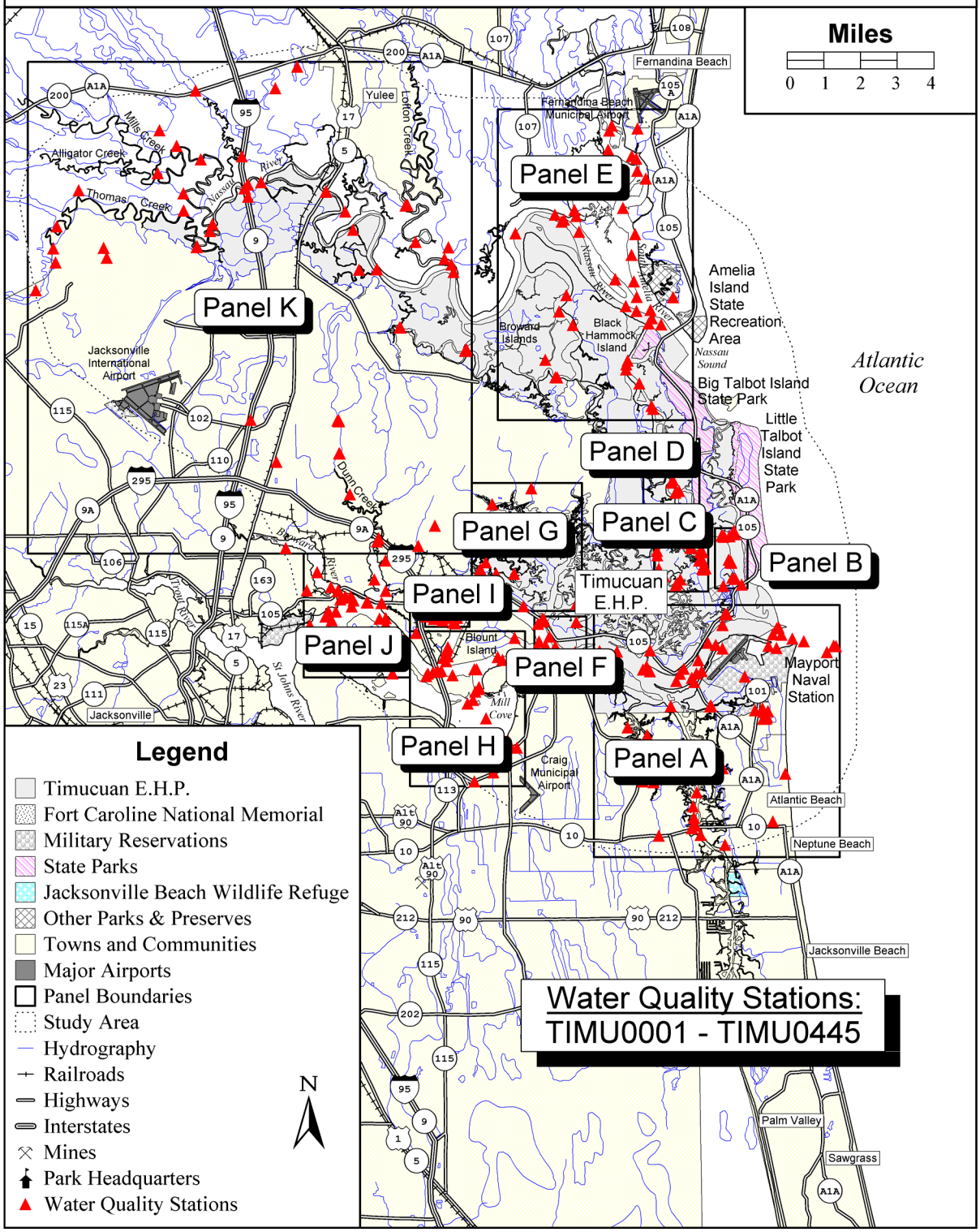
Regional Location Map



Timucuan Ecological and Historic Preserve

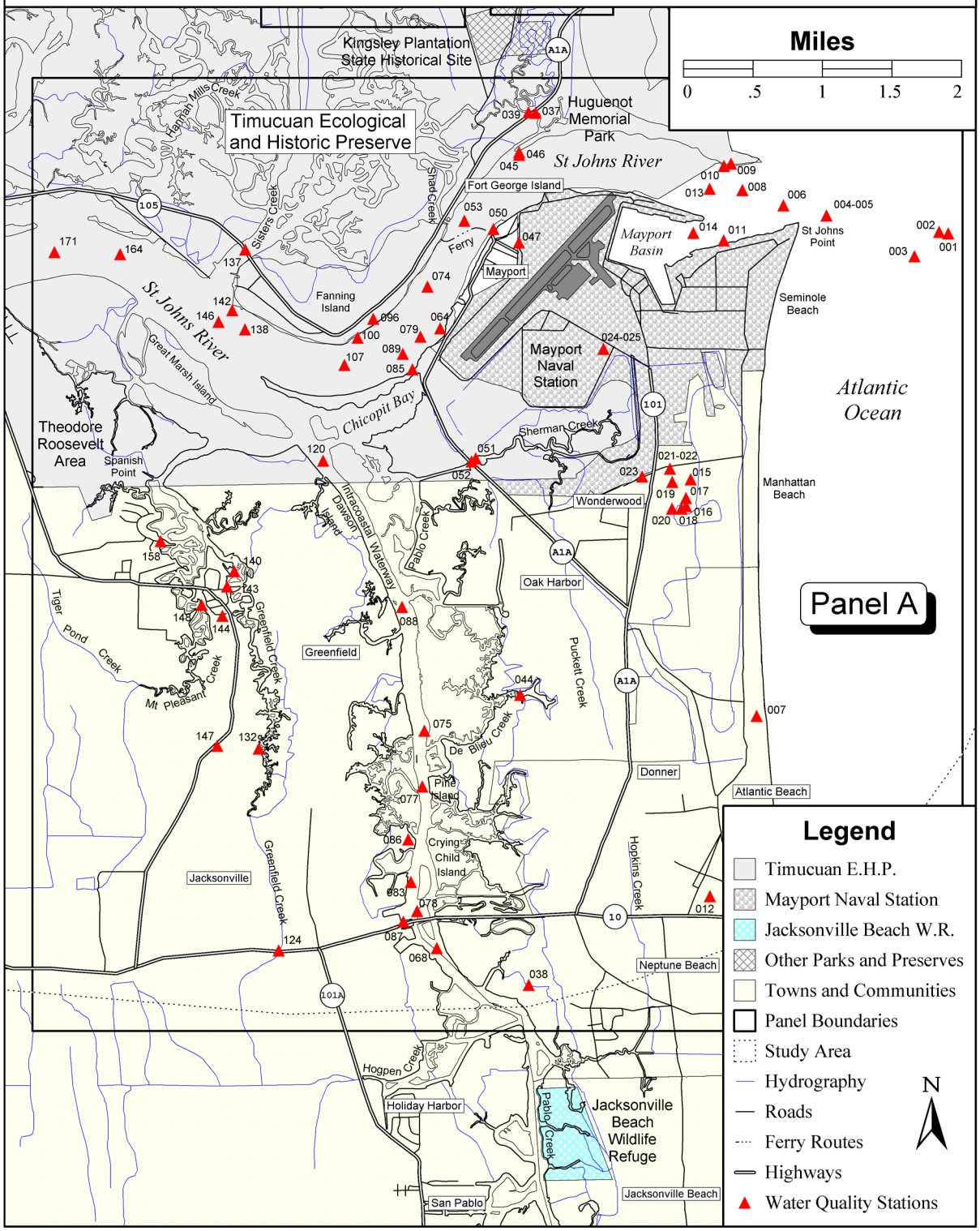
Water Quality Monitoring Locations

Graphic Panel Index



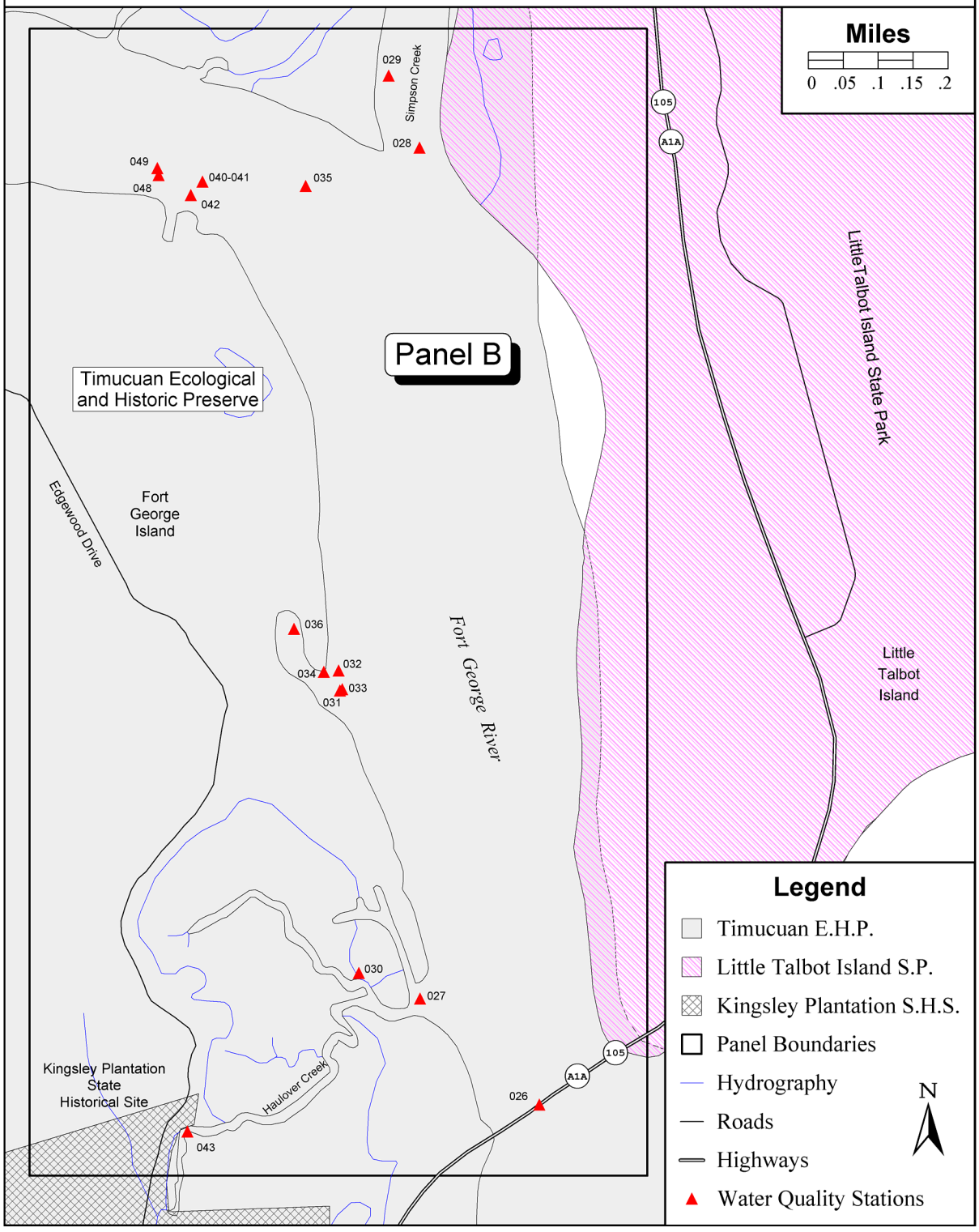
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



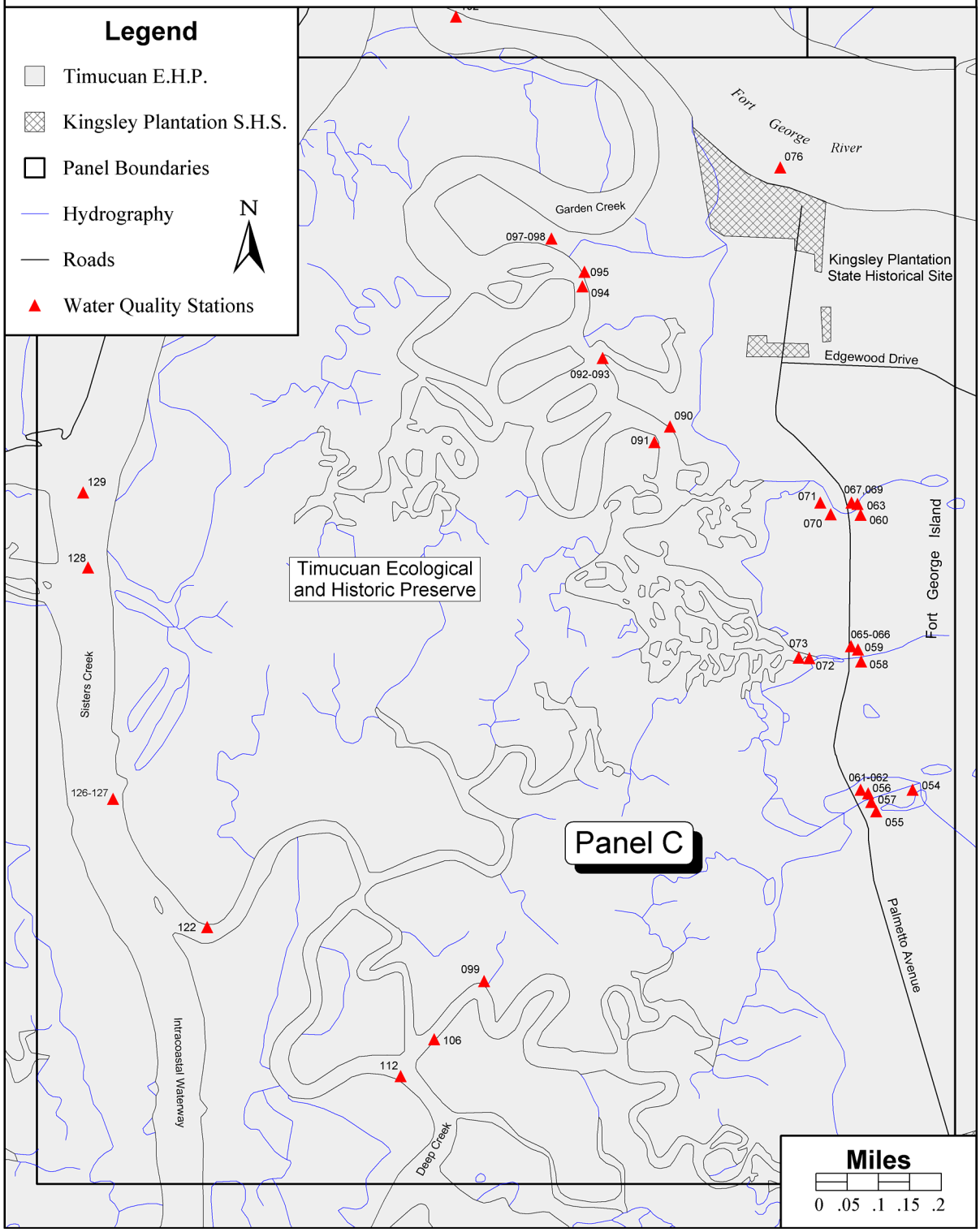
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



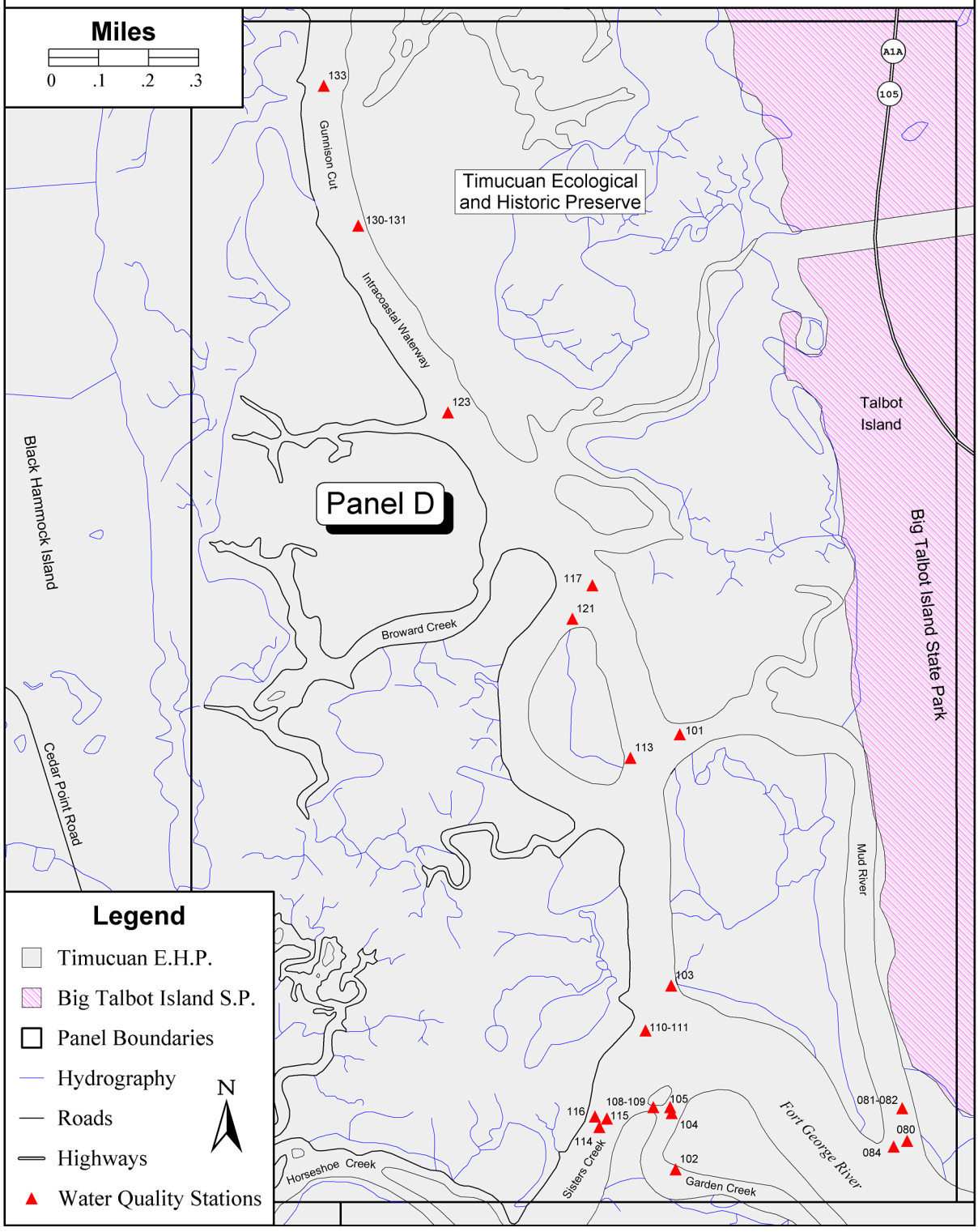
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



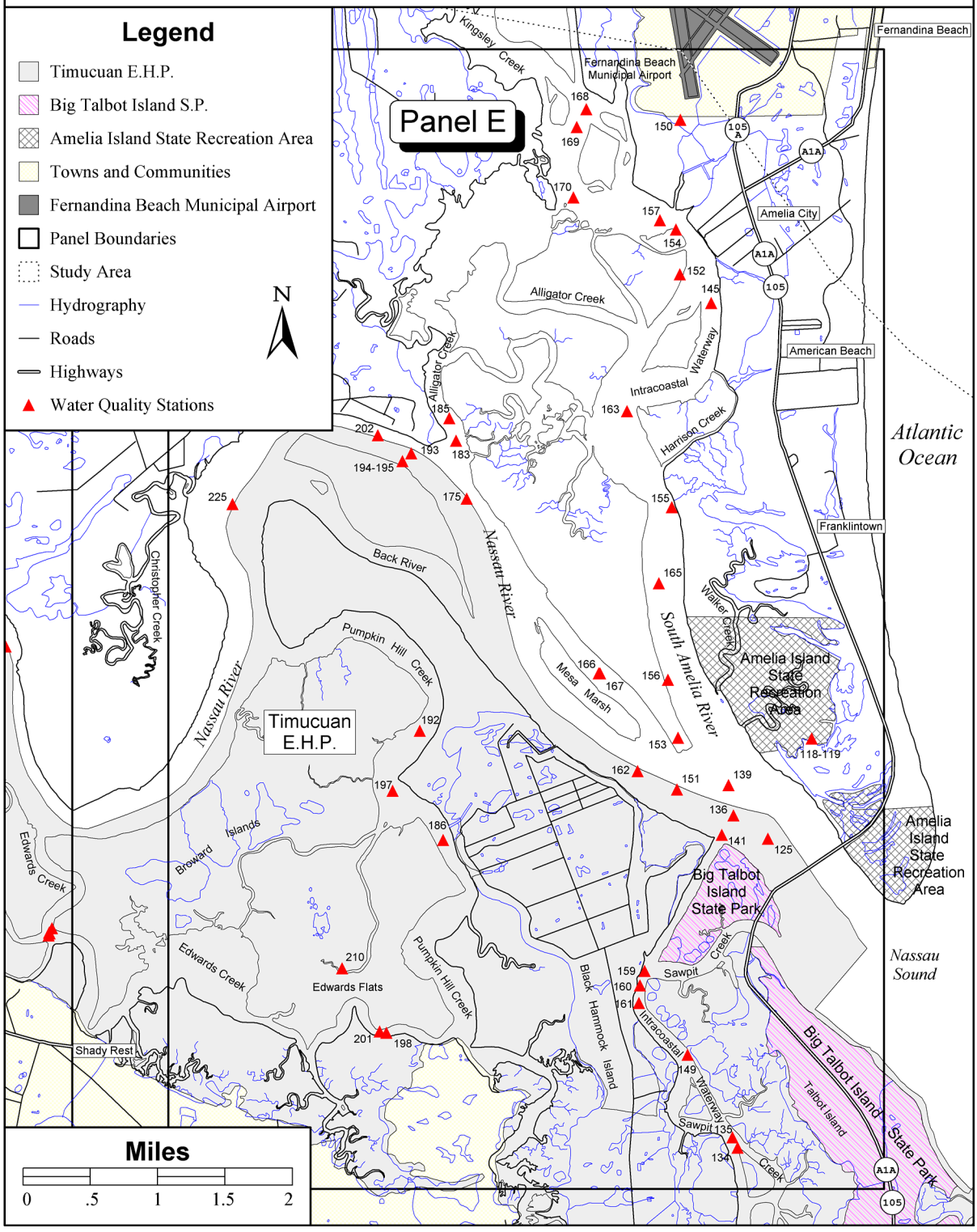
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



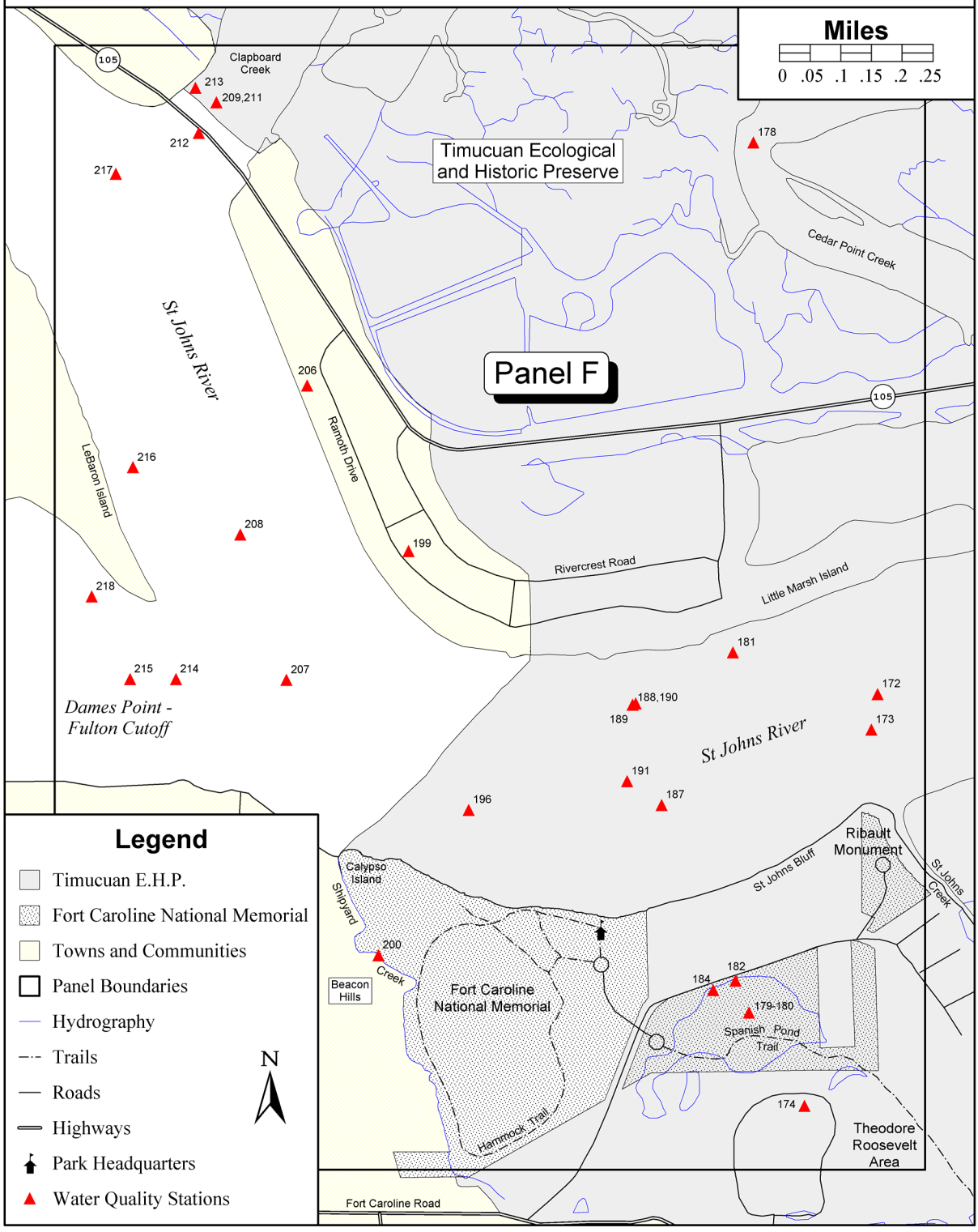
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



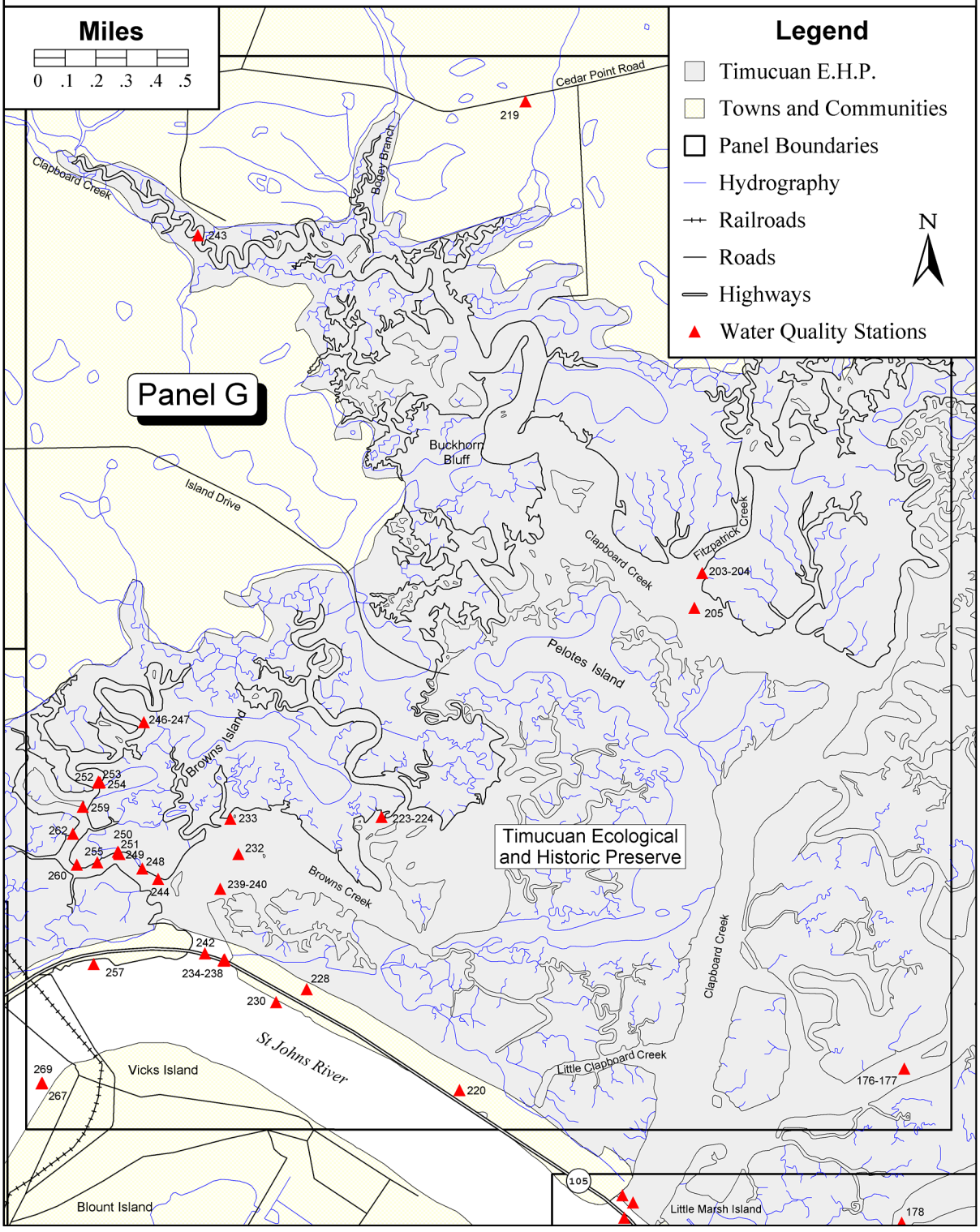
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



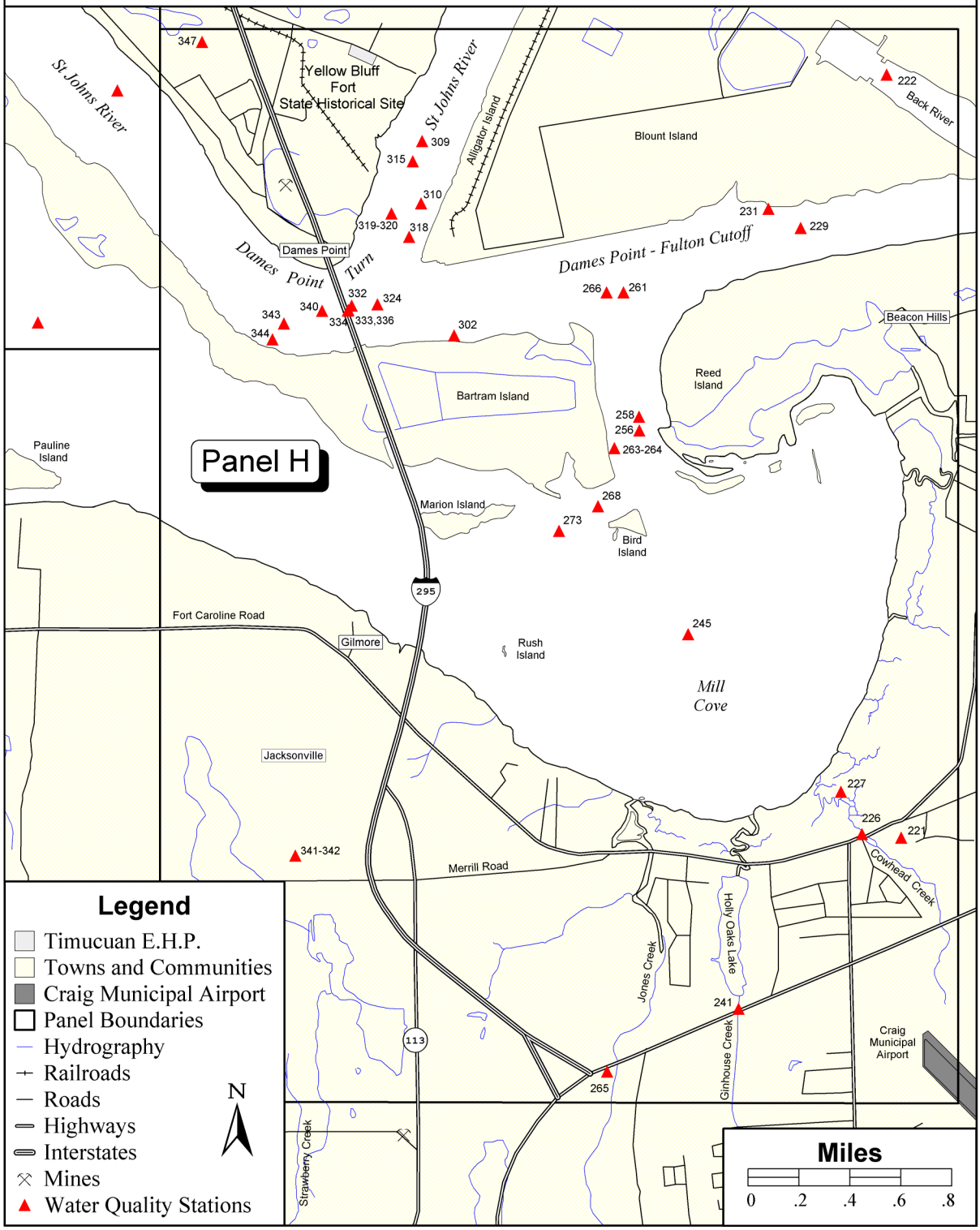
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



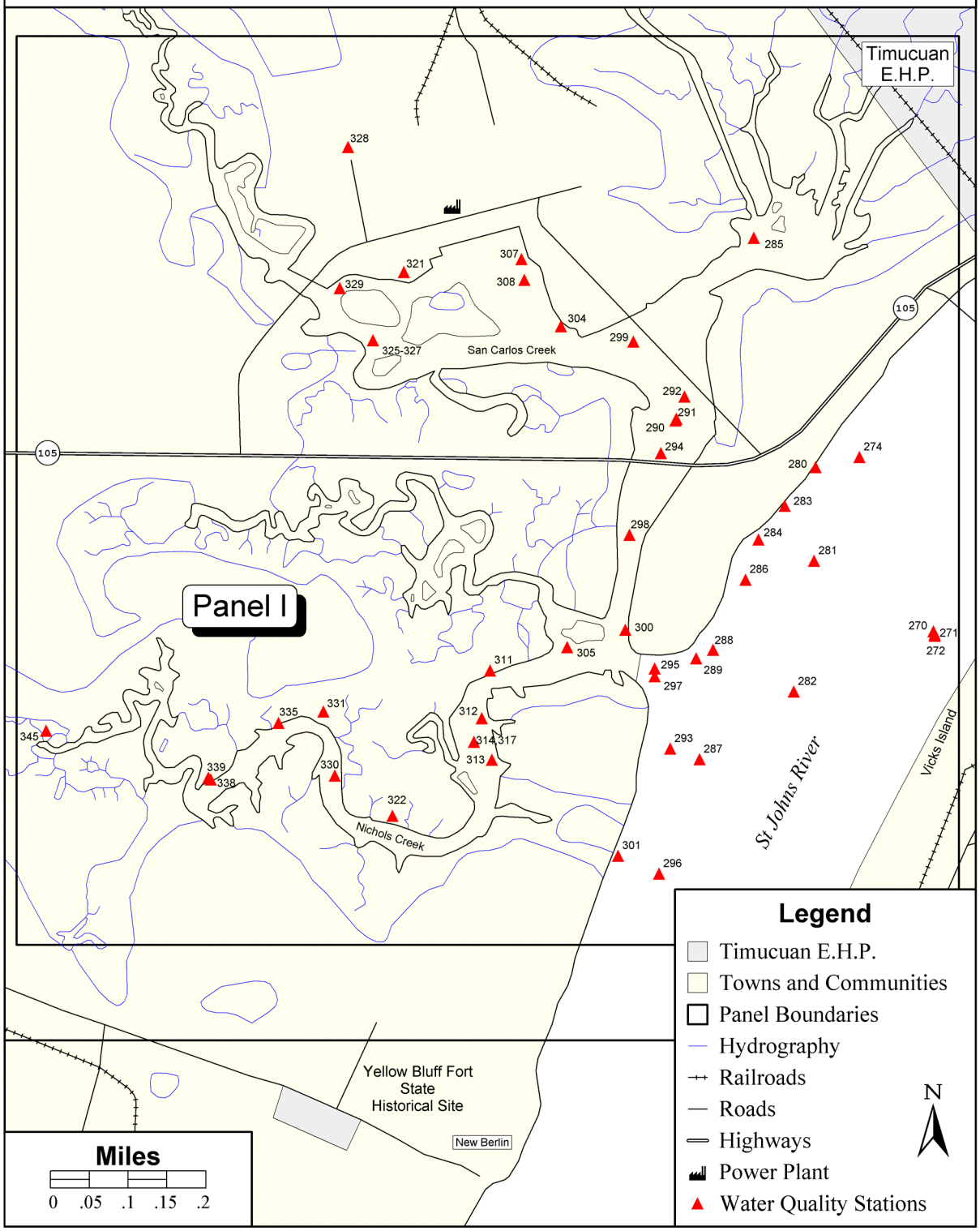
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



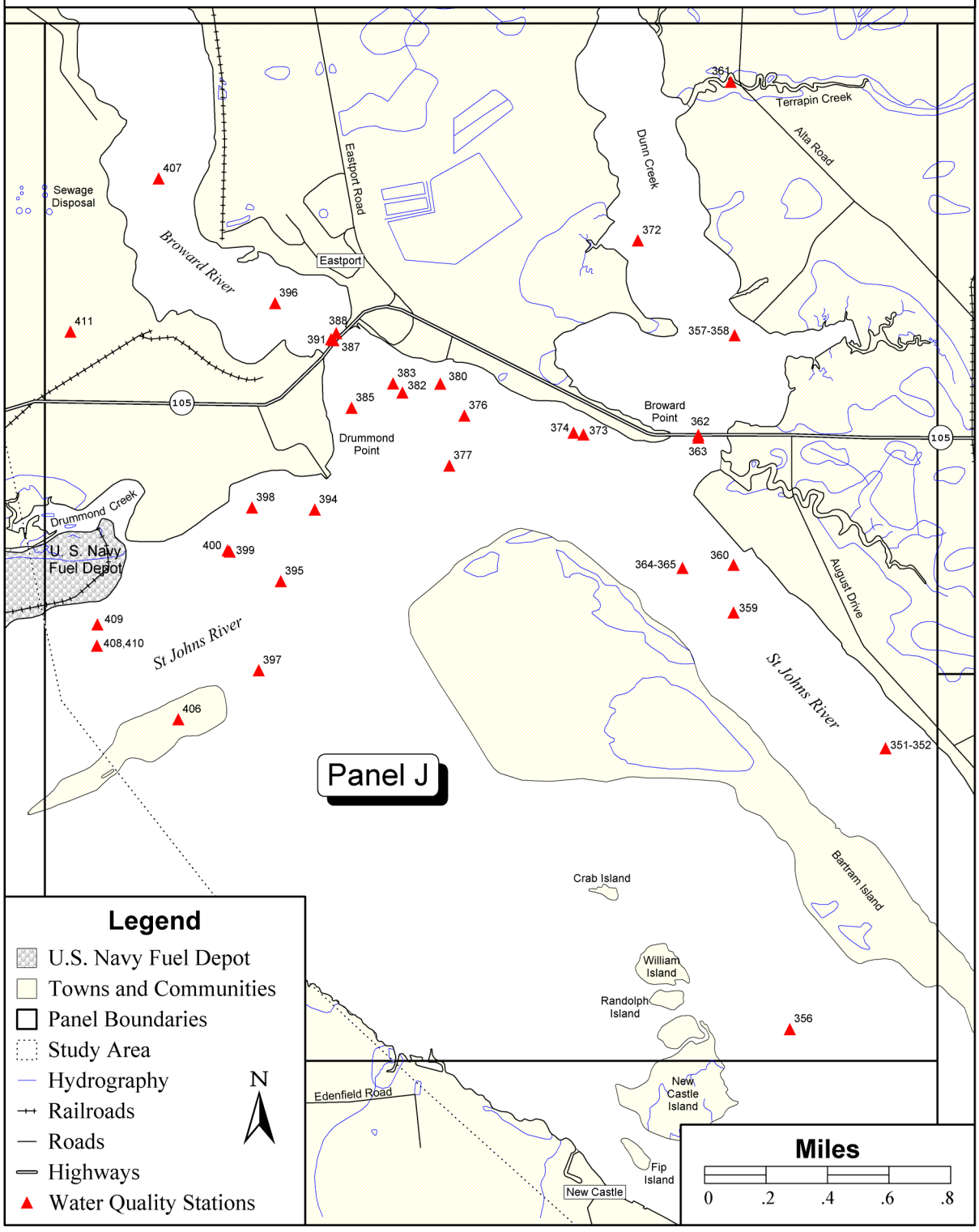
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



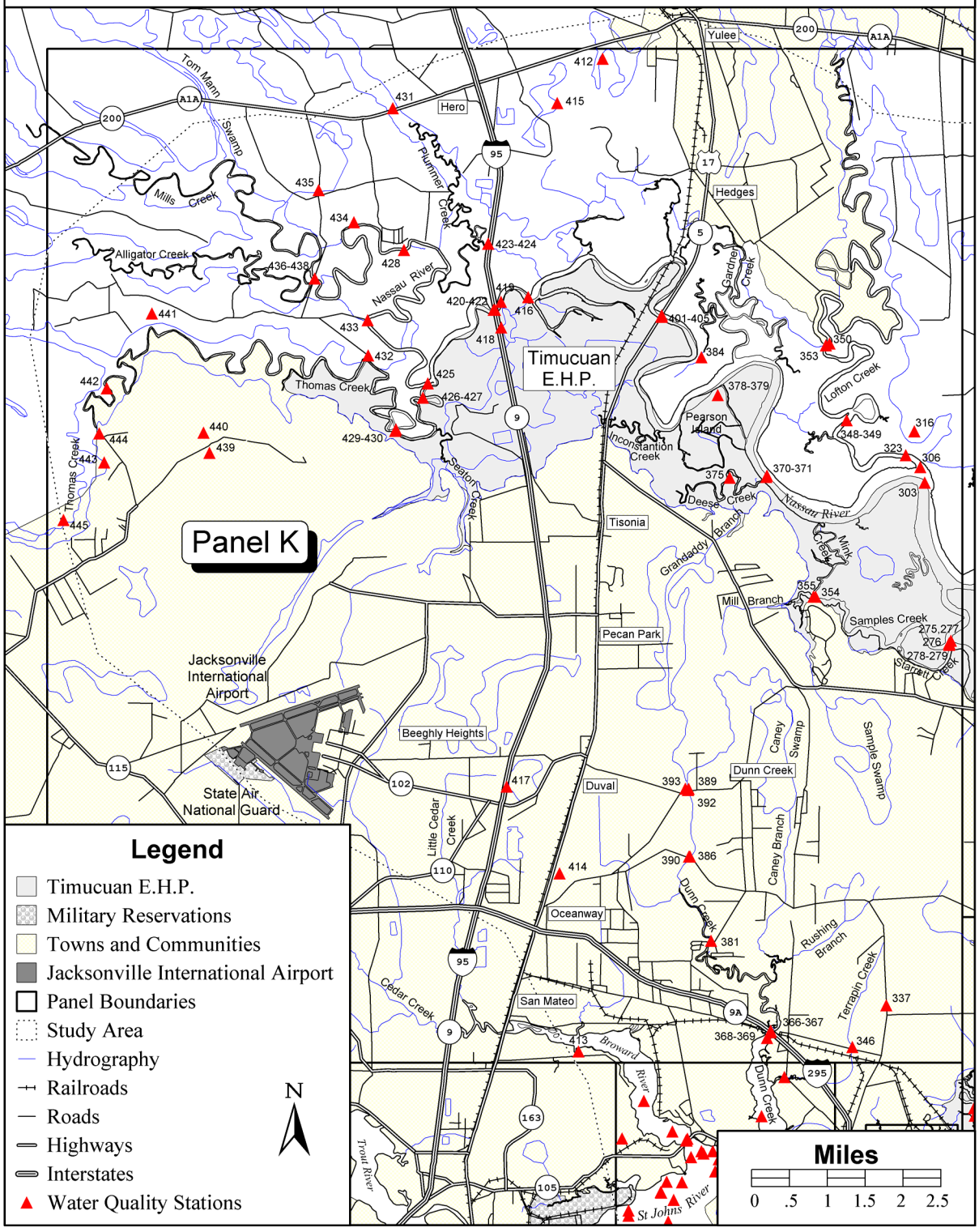
Timucuan Ecological and Historic Preserve

Water Quality Monitoring Locations



Timucuan Ecological and Historic Preserve

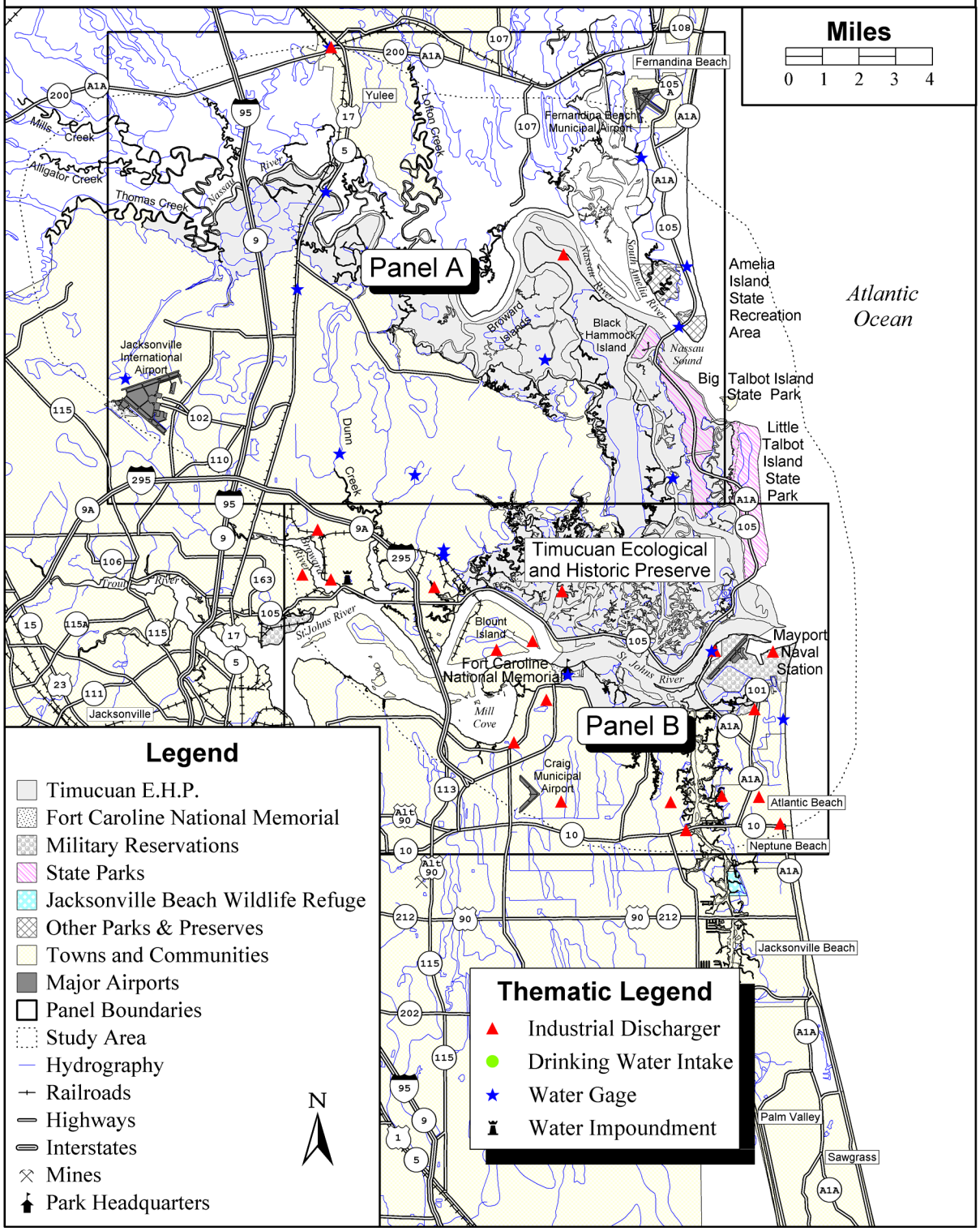
Water Quality Monitoring Locations



Timucuan Ecological and Historic Preserve

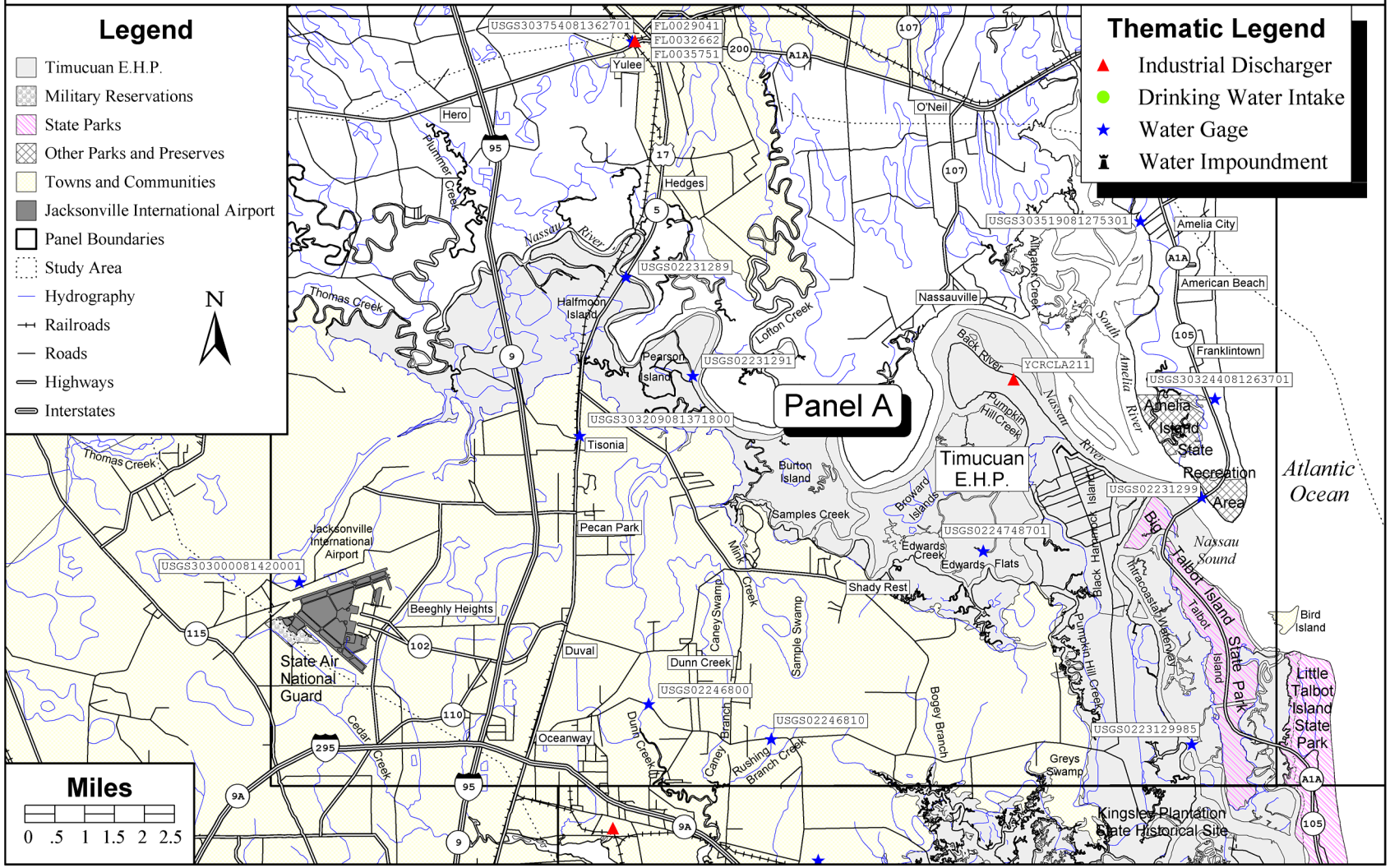
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



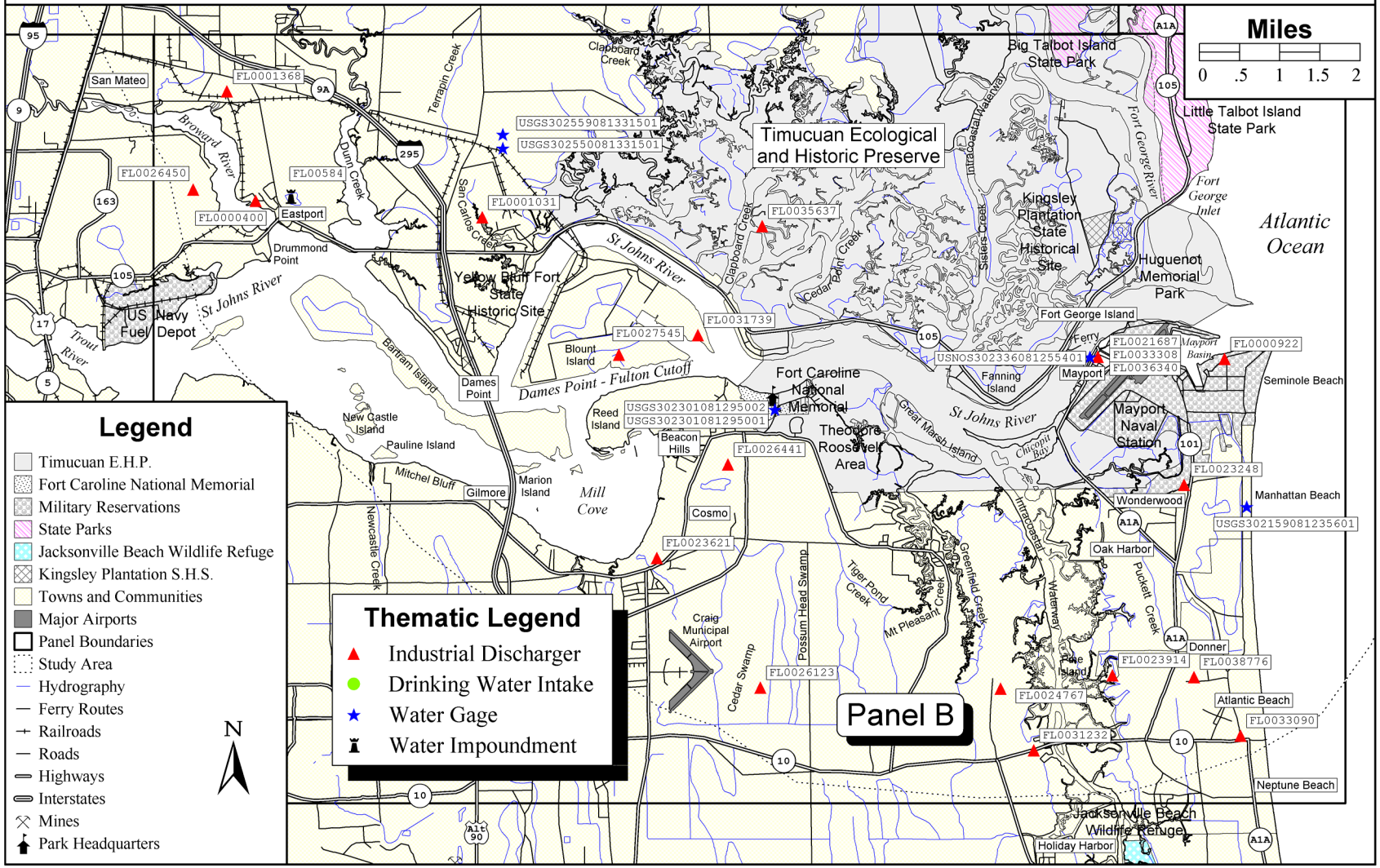
Timucuan Ecological and Historic Preserve

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Timucuan Ecological and Historic Preserve

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the TIMU/FOCA Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
FL0000400	SEMINOLE KRAFT CORPORATION	9469 EASTPORT RD	JACKSONVILLE	ST JOHNS RV
FL0000922	USN NS MAYPORT	U S NAVAL STATION	MAYPORT	RIBAULT BAY
FL0001031	JAX ELEC NORTHSIDE STATION	PO BOX 53015	JACKSONVILLE	SAN CARLOS CR
FL0001368	SIMPLEX IND JACKSNVL	JAMES MOORE	JACKSONVILLE	BROWARD RV
FL0021687	USCG BASE MAYPORT	ROOM 1018,FED.BLDG.,51SWI	MIAMI	ST JOHNS RV
FL0023248	ATLANTIC BEACH BUCCANEER STP	739 WONDERWOOD DRIVE	ATLANTIC BEACH	SHERMAN CR
FL0023621	JAX SUBURBAN UTIL HOLLY OAKS	644 CESERY BOULEVARD	JACKSONVILLE	ST JOHNS RV
FL0023914	ATLANTIC BEACH STP	471 DONNER RD	ATLANTIC BEACH	PABLO C
FL0024767	ISLE OF PALMS SO STP JAX	14600 CEDAR ISLAND ROAD	JACKSONVILLE	INTERCOASTAL WATERWAY
FL0026123	JAX SAN MATEO STP	220 E BAY ST	JACKSONVILLE	BROWARD RV
FL0026441	JAX ARLINGTON EAST STP # 4	JAX DEPT. OF PUBLIC UTILI	JACKSONVILLE	ST JOHNS RV
FL0026450	JAX DISTRICT II STP #2	JAX DEPT OF PUBLIC UTILIT	JACKSONVILLE	ST JOHNS RV
FL0027545	OFFSHORE POWER SYSTEMS JAX	8000 ARLINGTON EXPRESSWAY	JACKSONVILLE	ST JOHNS RV
FL0029041	YULEE ELEM SCH YULEE	P O BOX 57	YULEE	STORM DITCH
FL0031232	BELLINGER SHIPYARD	PO BOX 2347TIC BLVD	JACKSONVILLE	INTERCOASTAL WATERWAY
FL0031739	OFFSHORE POWER SYS JAX	8000 ARLINGTON EXPRESSWAY	JACKSONVILLE	ST JOHNS RV
FL0032662	GOODBREAD MHP	US HWY 17,PO BOX 98	YULEE	LOFTON CR
FL0033090	WONDERWOOD VILLA EASTCOAST UTL	1020 SISTRUNK RD	ATLANTIC BEACH	SHERMAN CR
FL0033308	USN NAVAL STA BILGE WWTP MAYPO	P O BOX 265 NAVAL STA MAY	JACKSONVILLE	ST JOHNS RV
FL0035637	SUN PETROLEUM PROD JAX	3101 TALLEYRAND AVE	JACKSONVILLE	ST JOHNS R
FL0035751	CLARK'S EXXON SERVICE YULEE	I 95 & STATE ROAD #200	YULEE	PLUMMER CR NASSA
FL0036340	MARINE SCIENCE ED CTR #32	1701 PRUDENTIAL DRIVE	JACKSONVILLE	ST JOHNS RV
FL0038776	ATLANTIC BEACH WWTP	716 OCEAN BLVD	ATLANTIC BEACH	ST JOHNS RIVER OUTFALL
YCRCLA211	COLEMAN EVANS WOOD PRESERVING CO		JACKSONVILLE	

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
USGS02246800	DUNN CREEK NR EASTPO	Stream	4.86		
USGS02246810	RUSHING BR NR EASTPO	Stream			
USNOS302336081255401	MAYPORT ST JOHNS R F	Estuary			
USGS02231289	NASSAU RIVER NR HEDGES FL	Stream	274.00	1983	1999
USGS02231291	NASSAU RIVER NEAR TISONIA, FL	Stream	285.00	1987	1987
USGS02231299	NASSAU SOUND NR AMELIA CITY FL	Stream	400.00		
USGS0223129985	INTRACOASTAL WATERWAY NEAR CEDAR POINT, FL	Estuary			
USGS0224748701	UV DATA BELONGS TO STN 02247499	Stream		1983	1985
USGS302159081235601	D-2386 HANNA PARK TEST WELL	Well			
USGS302301081295001	DS-522 FT. CAROLINE NATIONAL MEMORIAL PARK	Well			
USGS302301081295002	DS-523 FT. CAROLINE NATIONAL MEMORIAL PARK	Well			
USGS302550081331501	D-3840 ST.JOHNS RIVER POWER PARK REPLACEMENT WEL	Well			

Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the TIMU/FOCA Study Area

Water Gages

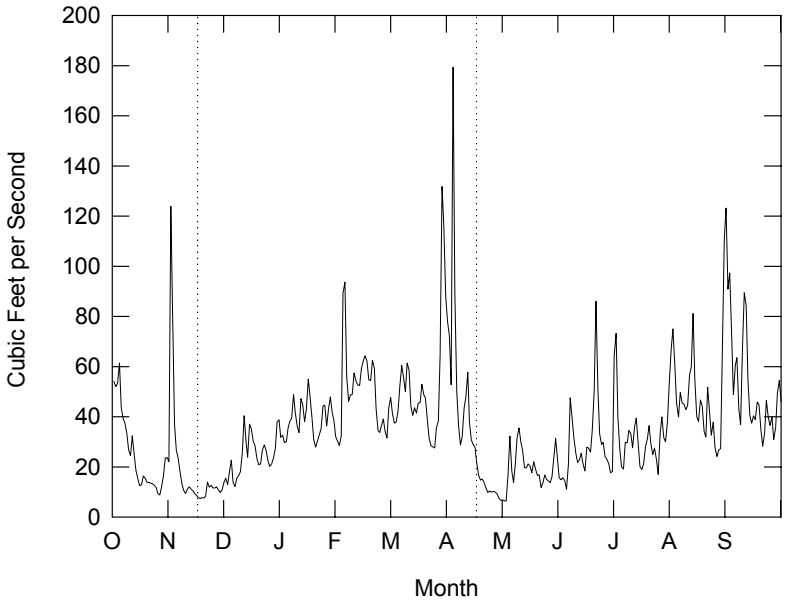
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS302559081331501	D-2399 J-2496	Well			
USGS303244081263701	N-8	Well			
USGS303519081275301	N-2	Well			
USGS303754081362701	N-44	Well			
USGS303000081420001	JACKSONVILLE, FL WBAP W13889	Climate			
USGS303209081371800	TISONIA TOWER RAIN GAGE NEAR TISONIA, FLA	Climate			

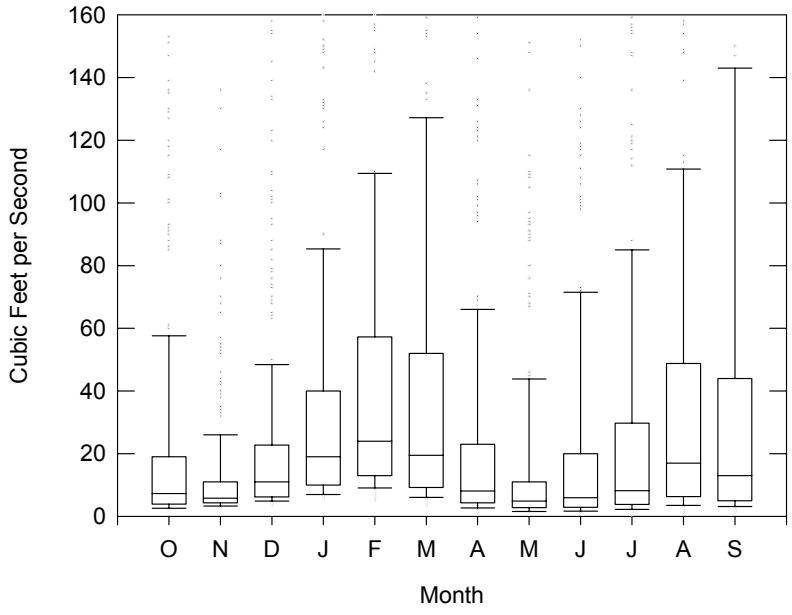
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
FL00584	ST. REGIS EFFLUENT POND DAM	ST-REGIS	Other	Earth	High	1973

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE
Thomas Creek near Crawford, FL
02231280, 22 year record





Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Timucuan Ecological and Historic Preserve are: Apr. 15 to Nov. 14, and Nov. 15 to Apr. 14.

CONTACTS FOR AGENCY CODES RETRIEVED FOR TIMU/FOCA

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
21FLA	DETSCHER, PATRICK	FLORIDA DEPT ENV PROTECTN	(850)921-9925	
21FLJXWQ	DEUERLING, BETSY	JACKSONVILLE AIR AND WATER	(904)630-1212	
21FLWQA	DETSCHER, PATRICK	FLORIDA DEPT ENV PROTECTN	(850)921-9925	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21FLVOL	FREASE, ROBERT	WATERSHED ACTION VOL	(407)725-4522	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
21FLDDPU	CARLEY SIBYUL	JACKSONVILLE ELEC AUTH	(904)630-0902	
1113S050	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
21FLSJWM	FEGAN, REGINA	ST. JOHN'S RIVER WATER	(904)329-4386	(904)329-4339

QUANTITY OF DATA RETRIEVED FOR TIMU 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
21FLA	FLORIDA DEPT ENV PROTECTN	10/17/61-09/02/98	10/17/61-07/27/98	113	36	17	7	26	6	31490	10470	212	131
21FLJXWQ	JACKSONVILLE AIR AND WATER	10/05/83-12/15/98	10/05/83-12/18/96	56	32	41	21	14	11	20064	8367	71	65
21FLWQA	FLORIDA DEPT ENV PROTECTN	No Data in S.A.	No Data in Park	23	21	0	0	23	21	0	0	0	0
112WRD	US GEOLOGICAL SURVEY	02/16/65-07/20/95	10/29/76-10/23/86	56	11	9	2	1	1	6842	1835	173	132
21FLVOL	WATERSHED ACTION VOL	05/21/95-10/19/96	05/21/95-06/13/96	4	1	0	0	0	0	378	103	9	9
11NPSWRD	NATIONAL PARK SERVICE	06/07/72-06/30/98	07/23/73-06/30/98	140	66	9	8	0	0	400249	396015	186	175
21FLDDPU	JACKSONVILLE ELEC AUTH	05/14/86-12/18/96	05/14/86-12/18/96	16	2	16	2	0	0	21042	3886	50	50
1113S050	USEPA REGION 4	11/09/65-03/27/67	No Data in Park	12	0	0	0	0	0	2166	0	26	0
21FLSJWM	ST. JOHN'S RIVER WATER	12/01/82-12/30/98	12/01/82-12/30/98	25	10	10	3	1	0	11085	3302	271	214
Totals		10/17/61-12/30/98	10/17/61-12/30/98	445	179	102	43	65	39	493316	423978	532	427

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

Station Period of Record Tabulation
From 10/17/61 To 12/30/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75
TIMU0001	ATL OCEAN AT ST JOHNS RIVER MOUT	No	52	0	52	0
TIMU0002	ATLANTIC OCEAN SOUTH OF BUOY NUMBER 7	No	28	0	28	0
TIMU0003	BETWN JETTIES NR ST JOHNS PT-L ST JOHNS R 27O	No	81	81	0	0
TIMU0004	ST JOHNS R DOWN FR MAYPORT	No	304	0	0	304
TIMU0005	ST JOHNS R 2 MI FR MOUTH OCEAN	No	0	0	0	0
TIMU0006	ST JOHNS R BUOY 11	No	155	0	81	74
TIMU0007	D-1163 J-1257	No	7	0	7	0
TIMU0008	ST JOHNS R MOUTH MAYPORT BASIN	No	183	0	0	183
TIMU0009	ST. JOHNS RIVER NEAR WARDS BANK	Yes	244	244	0	0
TIMU0010[1]	SJR AT RED MARKER 10	No	1338	1338	0	0
TIMU0011	ST. JOHNS RIVER NEAR MAYPORT CARRIER BASIN	No	249	249	0	0
TIMU0012	D-0705 J-0830	No	7	0	7	0
TIMU0013	ST JOHNS R BY NAV MARK 4	No	0	0	0	0
TIMU0014[1]	SJR NEAR MAYPORT CARRIER BASIN	No	1220	1220	0	0
TIMU0015	09E BORROW PIT 3 AT JACKSONVILLE BEACH FLA	No	13	0	0	13
TIMU0016	09F BORROW PIT LAKE NE DIKED AREA JAX BEAC	No	13	0	0	13
TIMU0017	09F BORROW PIT 2 AT JACKSONVILLE BEACH FLA	No	13	0	0	13
TIMU0018	09F BORROW PIT LAKE SE AT JACKSONVILLE BEA	No	11	0	0	11
TIMU0019	09F BORROW PIT 4 AT JACKSONVILLE BEACH FLA	No	13	0	0	13
TIMU0020	09F BORROW PIT LAKE SW AT JACKSONVILLE BEA	No	13	0	0	13
TIMU0021	DS-0263	No	4	0	4	0
TIMU0022	DS-0257	No	5	0	5	0
TIMU0023[1]	SHERMAN CREEK AT WONDERWOOD DRIVE	No	523	493	30	0
TIMU0024	ST JOHNS R NAV MARKER 11 MAYPORT	No	184	0	0	184
TIMU0025	ST JOHNS R NAV MARKER 24-MILE PT	No	186	0	0	186
TIMU0026	FT GEO R AT TOLL BRIDGE	Yes	119	0	119	0
TIMU0027	FT. GEORGE RIVER CONFL W/ HAULOVER CR 04/X2 FF4	Yes	0	0	0	0
TIMU0028[1]	MOUTH SIMPSON CK AT CONFLUENCE WITH FT GEORGE R	Yes	140	125	15	0
TIMU0029	SIMPSON CREEK JUST INSIDE 04/X2 FG3	Yes	0	0	0	0
TIMU0030	NORTH ARM OF HAULOVER CREEK	Yes	153	0	153	0
TIMU0031	FT.GEORGE R.MOUTH/CLUBHSE MARINA BASN 04/X2 FF3	Yes	0	0	0	0
TIMU0032	FORT GEORGE RIVER AT MARINA INLET	Yes	125	0	125	0
TIMU0033	FT GEORGE RIVER STATION #5	Yes	116	0	116	0
TIMU0034[1]	FT GEORGE RIVER AT FT GEORGE ISLAND MARINA INLET	Yes	424	408	16	0
TIMU0035	FT. GEORGE R AT NE CORNER OF FT. GEORGE ISLAND	Yes	496	496	0	0
TIMU0036[1]	MARINA BAY AT FORT GEORGE ISLAND	Yes	150	134	16	0
TIMU0037	HAULOVER CR AT A1A AND SR 105	Yes	108	0	108	0
TIMU0038	ICWW UPSTR NEPTUNE BCH OUTF INLE	No	33	0	8	25
TIMU0039	HAULOVER CREEK U.S.A1A FT. GEORGE IS.04/X3 FF6	Yes	0	0	0	0
TIMU0040[1]	BLUE POINT MARINA	Yes	135	120	15	0
TIMU0041	BLUE POINT MARINA	Yes	0	0	0	0
TIMU0042	FT. GEORGE RIVER OPPOSITE SIMPSON CR 04/X2 FF2	Yes	0	0	0	0
TIMU0043	HAULOVER CR.EDGEWATER DR FT.GEORGE IS 04/X2 FF5	Yes	0	0	0	0
TIMU0044	ICWW UPSTR ATL BCH OUTFALL INLET	No	33	0	8	25
TIMU0045[1]	ST JOHNS RIVER NEAR FT GEORGE CK	Yes	291	239	52	0
TIMU0046	ST. JOHNS RIVER NEAR FORT GEORGE CREEK	Yes	47	0	47	0
TIMU0047	MAYPORT	No	126	126	0	0
TIMU0048	FT GEORGE R AT THE NE CORNER OF FT GEORGE ISLAND	Yes	34	31	3	0
TIMU0049	FORT GEORGE R AT NE CORNER OF FORT GEORGE ISLAND	Yes	140	0	140	0
TIMU0050	ST. JOHNS R.-MAYPORT FERRY LANDING	No	61	61	0	0
TIMU0051	SHERMAN CK SOUTH OF MAYPORT NAVAL STATION	Yes	42	42	0	0
TIMU0052	SHERMAN CR AT BRIDGE	Yes	0	0	0	0
TIMU0053	SHAD CR AT HECKSCHER DR FT GEO I	Yes	135	0	135	0
TIMU0054	GARDEN CREEK S. TRIB. PALMETTO AVE 04/X2 FF8	Yes	0	0	0	0
TIMU0055	HEAD WATER TRIB TO GARDEN CR	Yes	117	0	117	0
TIMU0056[1]	UNKNOWN TRIBUTARY TO GARDEN CK AT PALMETTO AVE	Yes	206	197	9	0
TIMU0057	GARDEN CREEK S.TRIB. AT PALMETTO AVE 04/X2 F6E	Yes	0	0	0	0
TIMU0058	HEAD WATER TO GARDEN CR	Yes	98	0	98	0
TIMU0059[1]	UNKNOWN TRIBUTARY TO GARDEN CK AT PALMETTO AVE	Yes	209	200	9	0
TIMU0060	TRIB GARDEN CR 2000 FT S KINGSLE	Yes	60	0	60	0
TIMU0061	GARDEN CREEK IST. TRIB. NORTH ON PALMETTO AVENUE	Yes	0	0	0	0
TIMU0062[1]	GARDEN CREEK 1ST TRIB N ON PALMETTO AVE	Yes	242	233	9	0
TIMU0063[1]	UNKNOWN TRIBUTARY TO GARDEN CK AT PALMETTO AVE	Yes	60	52	8	0
TIMU0064	ST. JOHNS R UPRIVER OF US COAST GUARD STATION	Yes	51	0	51	0
TIMU0065[1]	GARDEN CREEK 2ND TRIB N ON PALMETTO AVE	Yes	227	218	9	0
TIMU0066	GARDEN CREEK 2ND. TRIB. NORTH ON PALMETTO AVENUE	Yes	0	0	0	0
TIMU0067[1]	GARDEN CREEK 3RD TRIB N ON PALMETTO AVE	Yes	68	59	9	0
TIMU0068[1]	ICWW AT BUOY NO 21 NR ATL BLVD	No	596	215	175	206
TIMU0069	GARDEN CREEK 3RD. TRIB. NORTH ON PALMETTO AVENUE	Yes	0	0	0	0
TIMU0070	GARDEN GREEK N TRIB.AT PALMETTO AVE 04/X2 F10	Yes	0	0	0	0
TIMU0071	GARDEN CREEK MID TRIB.AT PALMETTO AVE 04/X2 F6D	Yes	0	0	0	0

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75
TIMU0072	GARDEN CREEK MID.TRIB.AT PALMETTO AVE 04/X2 FF9	Yes	0	0	0	0
TIMU0073	GARDEN CREEK N.TRIB.AT PALMETTO AVE 04/X2 F6C	Yes	0	0	0	0
TIMU0074	ST JOHNS R UP FR MAYPORT	Yes	70	0	70	0
TIMU0075	ICWW AT BUOY NO 13	No	32	0	6	26
TIMU0076	FT GEORGE RIVER AT BLUE POINT MARINA 04/X2 FG4	Yes	0	0	0	0
TIMU0077[1]	INTRA WATERWAY #3 MARKER 15	No	1050	683	175	192
TIMU0078[1]	INTRACOASTAL WATERWAY AT ATLANTIC BLVD.	No	882	759	123	0
TIMU0079	ST JOHNS R NE SHERMAN PT WWTP	Yes	0	0	0	0
TIMU0080	MOUTH MUD R AT CONFLUENCE WITH THE FT GEORGE R	Yes	23	20	3	0
TIMU0081	MUD RIVER - MOUTH	Yes	0	0	0	0
TIMU0082[1]	MUD RIVER AT MOUTH	Yes	86	71	15	0
TIMU0083[1]	DUVAL CO AT CL BUOY 19 NR ATL BL	No	570	215	174	181
TIMU0084	CONFL OF FT GEORGE RIVER & MUD RIVER 04/X2 FG5	Yes	0	0	0	0
TIMU0085	SHERMANS PT.-ST. JOHNS R. MAYPORT	Yes	103	103	0	0
TIMU0086	SAN PABLO CR AT ATLANTIC BLVD	No	88	88	0	0
TIMU0087	ICW AT ATLANTIC BLVD. 04/X3 B10	No	0	0	0	0
TIMU0088[1]	ICWW DUVAL AT MARKER II	No	569	217	169	183
TIMU0089	ST JOHNS R SW SHERMAN PT WWTP	Yes	0	0	0	0
TIMU0090[1]	GARDEN CREEK NEAR MOUTH OF UNKNOWN TRIBUTARY	Yes	69	60	9	0
TIMU0091	GARDEN CREEK 04/X2 F6B	Yes	0	0	0	0
TIMU0092	GARDEN CREEK	Yes	0	0	0	0
TIMU0093[1]	GARDEN CREEK	Yes	76	67	9	0
TIMU0094	GARDEN CREEK DOWNSTREAM 04/X2 F6A	Yes	0	0	0	0
TIMU0095[1]	GARDEN CREEK AT NW SIDE OF FT GEORGE ISLAND	Yes	275	266	9	0
TIMU0096	ST. JOHNS RIVER .4 MI W NEPTUNE BCH POD	No	0	0	0	0
TIMU0097	GARDEN CREEK	Yes	0	0	0	0
TIMU0098[1]	GARDEN CREEK	Yes	315	306	9	0
TIMU0099	DEEP CREEK OFF OF SISTERS CREEK	Yes	40	0	40	0
TIMU0100	ST. JOHNS RIVER .4 W NEPTUNE BCH WWTP POD	Yes	0	0	0	0
TIMU0101	SISTERS CREEK AT CM 69 MUD CR	Yes	29	0	29	0
TIMU0102	MOUTH OF GARDEN CREEK	Yes	516	516	0	0
TIMU0103	GARDEN CR ABOVE SISTERS CR	Yes	102	0	102	0
TIMU0104	APPROX 1000 FT UPSTREAM OF GARDEN CK MOUTH	Yes	34	31	3	0
TIMU0105	MOUTH OF GARDEN CREEK 04/X2 FG6	Yes	0	0	0	0
TIMU0106	DEEP CREEK OFF FT. GEORGE ISLAND 04/X2 FF7	Yes	0	0	0	0
TIMU0107	ST JOHNS R OFFSHORE MILE PT	Yes	79	0	0	79
TIMU0108	GARDEN CREEK - MOUTH	Yes	0	0	0	0
TIMU0109[1]	GARDEN CREEK AT MOUTH	Yes	133	118	15	0
TIMU0110[1]	SISTERS CREEK AT FT. GEORGE RIVER	Yes	555	540	15	0
TIMU0111	SISTERS CREEK AT FORT GEORGE RIVER	Yes	0	0	0	0
TIMU0112	DEEP CR APPROX 0.9 MI UPSTREAM	Yes	19	0	19	0
TIMU0113	SISTERS CREEK AT CM 71	Yes	166	75	91	0
TIMU0114[1]	SISTERS CREEK S ST GEORGE RIVER	Yes	2591	2003	588	0
TIMU0115	SISTER CK (ICWW) AT SPLIT WITH THE FT GEORGE R	Yes	79	76	3	0
TIMU0116	SISTERS CREEK S.CONFL W/FT.GEORGE R. 04/X2 FG7	Yes	0	0	0	0
TIMU0117	ICWW/SISTERS CK AT MARKER 67	Yes	87	87	0	0
TIMU0118	S AMELIA R AT MARKER 41	No	123	0	0	123
TIMU0119	AMELIA R BELOW PAPER MILL FERNAN	No	367	0	0	367
TIMU0120[1]	ICWW AT BUOY NO 9	Yes	1025	646	176	203
TIMU0121	ICW 1 MILE NORTH OF FT GEORGE ISLAND 04/X3 FF1	Yes	0	0	0	0
TIMU0122	DEEP CR NR.MARKER 79	Yes	265	74	191	0
TIMU0123	SISTERS CREEK AT CM 65	Yes	153	75	78	0
TIMU0124[1]	GREENFIELD CREEK AT ATLANTIC BOULEVARD	No	500	470	30	0
TIMU0125[1]	SISTERS CREEK AT CM 47	Yes	582	505	77	0
TIMU0126	INTRACOASTAL WATERWAY MARKER 77	Yes	0	0	0	0
TIMU0127[1]	INTRACOASTAL WATERWAY AT MARKER 77	Yes	137	122	15	0
TIMU0128	ICWW/SISTERS CK AT MARKER 77	Yes	523	523	0	0
TIMU0129	SISTER CK (ICWW) NEAR MOUTH OF CEDAR POINT CK	Yes	29	26	3	0
TIMU0130[1]	INTRACOASTAL WATERWAY AT MARKER 61	Yes	135	120	15	0
TIMU0131	INTRACOASTAL WATERWAY MARKER 61	Yes	0	0	0	0
TIMU0132[1]	GREENFIELD CR. AT GIRVIN ROAD LANDFILL DISCHARGE	No	494	464	30	0
TIMU0133	INTRACOASTAL WATERWAY GUNNISON CUT	Yes	30	27	3	0
TIMU0134	SISTERS CREEK AT CM 55	Yes	167	75	92	0
TIMU0135	ICWW/SISTERS CREEK AT MARKER 61	Yes	387	387	0	0
TIMU0136[1]	NASSAU RIVER NEAR MOUTH OF SISTERS CREEK	Yes	424	424	0	0
TIMU0137[1]	SISTERS CR NW TIP SHELL IS	Yes	695	501	194	0
TIMU0138	SISTERS CREEK AT ICW	Yes	285	74	211	0
TIMU0139[1]	MARKER #46 JUNC S AMELIA R NASSA	No	1048	579	469	0
TIMU0140	GREENFIELD CREEK TRIBUTARY SITE	No	42	42	0	0
TIMU0141	NASSAU R AT CONFLUENCE WITH ICWW/SISTERS CK	Yes	641	641	0	0
TIMU0142[1]	SJR AT REPAIR BASIN (SISTERS CREEK)	Yes	1289	1289	0	0

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75
TIMU0143[1]	GREENFIELD CREEK AT WONDERWOOD DRIVE	No	452	452	0	0
TIMU0144	D-1084 J-1149	No	7	0	7	0
TIMU0145	MARKER #30 S AMELIA CITY	No	54	0	54	0
TIMU0146	ST JOHNS RIVER NEAR SISTERS CREEK	Yes	254	254	0	0
TIMU0147	D-1144 J-1185	No	7	0	7	0
TIMU0148	D-1120 J-1134	No	7	0	7	0
TIMU0149	SISTERS CREEK AT CM 51	Yes	172	94	78	0
TIMU0150	S AMELIA R ABOVE AMELIA CITY	No	122	0	0	122
TIMU0151	NASSAU RIVER AT INTRACOASTAL WATERWAY	Yes	83	83	0	0
TIMU0152	S AMELIA R AT AMELIA CITY	No	126	0	0	126
TIMU0153	NASSAU R AT S AMELIA R	No	125	0	0	125
TIMU0154[1]	MARKER #28 N AMELIA CITY	No	714	545	169	0
TIMU0155	MARKER #41 S HARRISON CR	No	231	104	127	0
TIMU0156	MARKER #44 N WALKER CR	No	230	100	130	0
TIMU0157	AMELIA RIVER AT RED CM 28--AMELIA CITY	No	69	69	0	0
TIMU0158	D-0708 J-0014	No	7	0	7	0
TIMU0159	SISTERS CREEK AT CM 48	Yes	153	76	77	0
TIMU0160	INTRACOASTAL WATERWAY AT SAWPIT CREEK	Yes	75	75	0	0
TIMU0161[1]	INTRACOASTAL WATERWAY AT SAWPIT CREEK--MARKER 49	Yes	427	427	0	0
TIMU0162	NASSAU SOUND 1/2 MI NW OF A1A BRIDGE	Yes	50	50	0	0
TIMU0163	MARKER #37 N HARRISON CR CONF	No	267	104	163	0
TIMU0164	ST JOHNS RIVER ABOVE ICWW	Yes	105	105	0	0
TIMU0165[1]	AMELIA RIVER AT CM 1	No	4717	1191	2781	745
TIMU0166[1]	NASSAU RIVER NE OF MESA MARSH	No	365	365	0	0
TIMU0167	NASSAU RIVER NORTHEAST OF MESA MARSH	No	94	94	0	0
TIMU0168	MARKER #19 CRANE IS	No	254	104	150	0
TIMU0169	MARKER #20	No	53	0	53	0
TIMU0170	MARKER #24	No	261	104	157	0
TIMU0171	ST JOHNS R NEAR BUOY NO 27	Yes	0	0	0	0
TIMU0172	ST.JOHNS RIVER FULTON PT(FT.CAROLINE) 04/X3 BE1	Yes	0	0	0	0
TIMU0173	ST JOHNS RIVER BUOY #32	Yes	0	0	0	0
TIMU0174	D-1123 J-1165	Yes	7	0	7	0
TIMU0175	NASSAU RIVER AT ALLIGATOR CREEK	Yes	88	88	0	0
TIMU0176	CEDAR POINT CREEK OFF OF SR 105	Yes	4	4	0	0
TIMU0177	CEDAR POINT CREEK OFF OF SR 105	Yes	140	140	0	0
TIMU0178	CEDAR POINT CREEK NORTH OF RT 105 BR	Yes	205228	205228	0	0
TIMU0179	SPANISH POND AT FORT CAROLINE NATIONAL MEMORIAL	Yes	50	50	0	0
TIMU0180	CENTER OF SPANISH POND	Yes	66	66	0	0
TIMU0181	NR BUOY 25-W OF SISTERS CR -L ST JOHNS R 26 O	Yes	393	393	0	0
TIMU0182	SPANISH POND ALONG SHORELINE	Yes	66	66	0	0
TIMU0183[1]	ALLIGATOR CREEK AT MOUTH	No	385	385	0	0
TIMU0184	SPANISH POND TWENTY FEET FROM SHORE	Yes	66	66	0	0
TIMU0185	ALLIGATOR CK 50 M UPSTREAM OF CONFLUENCE	No	579	579	0	0
TIMU0186[1]	PUMPKIN HILL CREEK	Yes	393	393	0	0
TIMU0187	ST. JOHNS RIVER NORTH OF FORT CAROLINE	Yes	108	0	0	108
TIMU0188[1]	SJR NEAR CM 34	Yes	2597	2597	0	0
TIMU0189[1]	SJR AT RED MARKER 34	Yes	1134	1134	0	0
TIMU0190[1]	SJR AT RED MARKER 34	Yes	2351	2351	0	0
TIMU0191[1]	ST JOHNS R NEAR MARKER 34	Yes	1403	383	687	333
TIMU0192	PUMPKIN HILL CK WEST OF BROWARD ISLANDS	Yes	574	574	0	0
TIMU0193	NASSAU RIVER 100 M PAST SEYMOUR PT	Yes	67	67	0	0
TIMU0194[1]	NASSAU RIVER AT I-95 NEAR HEDGES, FL	Yes	321	154	167	0
TIMU0195[1]	NASSAU RIVER AT INTERSTATE 95	Yes	563	285	278	0
TIMU0196[1]	ST JOHNS RIVER AT FULTON POINT	Yes	701	608	93	0
TIMU0197	PUMPKIN HILL CREEK EAST OF BROWARD ISLANDS	Yes	102	102	0	0
TIMU0198[1]	EDWARDS CREEK THIRD BEND	Yes	371	371	0	0
TIMU0199	D-1058 J-1067	No	7	0	7	0
TIMU0200	SHIPYARD CREEK EAST OF FOCA	No	35	35	0	0
TIMU0201	EDWARDS CREEK WEST OF TIGER POINT	Yes	85	85	0	0
TIMU0202	NASSAU RIVER AT NASSAUVILLE, FLA	No	38	0	38	0
TIMU0203	CLAPBOARD CREEK CEIP	Yes	451	0	451	0
TIMU0204	CLAPBOARD CREEK BOTTOM	Yes	143	0	143	0
TIMU0205	CLAPBOARD CK NEAR CONFLUENCE WITH FITZPATRICK CK	Yes	379	379	0	0
TIMU0206	D-1124 J-1152	No	16	0	16	0
TIMU0207	ST. JOHNS RIVER AT DAMES POINT-FULTON CUTOFF	No	20	0	0	20
TIMU0208	SJR BIC 0.5 MI SOUTH CLAPBOARD CR	No	5	5	0	0
TIMU0209	CLAPBOARD CR DUPLIC	Yes	0	0	0	0
TIMU0210	UV DATA BELONGS TO STN 02247499	Yes	167	0	167	0
TIMU0211	CLAPBOARD CR SITE 4	Yes	38	0	38	0
TIMU0212	ST. JOHNS R AT BLOUNT IS CHANNEL & CLAPBOARD CK	No	28	0	0	28
TIMU0213	CLAPBOARD CREEK NEAR RT 105 BRIDGE	Yes	181278	181278	0	0

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TIMU0214	DAMES POINT-FULTON CUTOFF AT ST. JOHNS RIVER	No	27	0	0	27
TIMU0215[1]	DAMES PT-FULTON CUTOFF AT CONFLUENCE WITH BACK R	No	226	177	49	0
TIMU0216	ST JOHNS R EAST END OF BIC	No	12	12	0	0
TIMU0217	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	20	0	0	20
TIMU0218	BACK RIV MIDSTREAM MOUTH	No	10	0	0	10
TIMU0219	D-1127 J-1179	No	16	0	16	0
TIMU0220	D-1087 J-1177	No	7	0	7	0
TIMU0221	UNNAMED TRIB TO COWHEAD CR @ CREEK VIEW RD	No	0	0	0	0
TIMU0222	BACK RIV MID NEAR MOUTH ST JOHNS	No	10	0	0	10
TIMU0223	RIGHT FORK OF BROWNS CREEK	Yes	19	0	0	19
TIMU0224	RIGHT FORK OF BROWNS CREEK	Yes	25	0	0	25
TIMU0225	NASSAU RIVER AT NASSAUVILLE	No	101	0	101	0
TIMU0226[1]	COWHEAD CREEK AT FORT CAROLINE ROAD	No	495	467	28	0
TIMU0227	COWHEAD CR AB MILL COVE @ SE BEND	No	9	9	0	0
TIMU0228	D-1158 J-1115	No	7	0	7	0
TIMU0229	DAMES PT-FULTON CUTOFF S OF INLET TO MILL COVE	No	27	0	0	27
TIMU0230[1]	SJR BOATHOUSE (BROWNS CK MOUTH N BLOUNT ISL)	No	1283	1283	0	0
TIMU0231[1]	SJR AT CM 42	No	1347	1347	0	0
TIMU0232	BROWNS CREEK NORTH OF SR105	Yes	470	470	0	0
TIMU0233	RIGHT FORK OF BROWNS CREEK	Yes	18	0	0	18
TIMU0234	MOUTH OF BROWNS CREEK	No	105	0	0	105
TIMU0235	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	20	0	0	20
TIMU0236	MOUTH OF BROWNS CREEK	No	18	0	0	18
TIMU0237	MOUTH OF BROWNS CREEK	No	21	0	0	21
TIMU0238	MOUTH OF BROWNS CREEK	No	76	0	0	76
TIMU0239	BROWNS CREEK BOTTOM	Yes	103	0	103	0
TIMU0240	BROWNS CREEK CEIP	Yes	449	0	449	0
TIMU0241[1]	GINHOUSE CREEK AT MONUMENT ROAD	No	488	460	28	0
TIMU0242	BROWNS CREEK AT HECKSCHER DR	No	70	70	0	0
TIMU0243	CLAPBOARD CREEK AT NEW BERLIN RD	Yes	62	62	0	0
TIMU0244	BROWNS CREEK	Yes	8	0	8	0
TIMU0245	ST JOHNS R CENTER MILL COVE	No	10	0	10	0
TIMU0246	LEFT FORK OF BROWNS CREEK	Yes	15	0	0	15
TIMU0247	LEFT FORK OF BROWNS CREEK	Yes	21	0	0	21
TIMU0248	BROWNS CREEK	Yes	8	0	8	0
TIMU0249	LEFT FORK OF BROWNS CREEK	Yes	22	0	0	22
TIMU0250	BROWNS CREEK	Yes	8	0	8	0
TIMU0251	LEFT FORK OF BROWNS CREEK	Yes	21	0	0	21
TIMU0252	BROWNS CREEK	Yes	4	0	4	0
TIMU0253	LEFT FORK OF BROWNS CREEK	Yes	22	0	0	22
TIMU0254	LEFT FORK OF BROWNS CREEK	Yes	21	0	0	21
TIMU0255	BROWNS CREEK	Yes	8	0	8	0
TIMU0256[1]	SJR AT MILL COVE ENTRANCE	No	1294	1294	0	0
TIMU0257	ST. JOHNS R AT N TIP OF BLOUNT ISLAND CHANNEL	No	28	0	0	28
TIMU0258	CHANNEL BETWEEN REED AND BARTRAM ISLANDS	No	89	0	0	89
TIMU0259	BROWNS CREEK	Yes	8	0	8	0
TIMU0260	BROWNS CREEK	Yes	4	0	4	0
TIMU0261	ST JOHNS NEAR MILL COVE, MARKER4	No	52	0	52	0
TIMU0262	BROWNS CREEK	Yes	4	0	4	0
TIMU0263[1]	MILL COVE 1000 YDS SOUTH OF CM 43	No	717	717	0	0
TIMU0264	MILL COVE 1000 YDS SOUTH MARKER 43	No	367	367	0	0
TIMU0265[1]	JONES CREEK AT MONUMENT ROAD	No	486	458	28	0
TIMU0266	ST. JOHNS RIVER NEAR MILL COVE ENTRANCE	No	55	0	55	0
TIMU0267	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	22	0	0	22
TIMU0268	MILL COVE (L ST JOHNS R SURVEY STA 25 OF 27)	No	145	145	0	0
TIMU0269	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	20	0	0	20
TIMU0270	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	108	0	0	108
TIMU0271	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	38	0	0	38
TIMU0272	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	38	0	0	38
TIMU0273[1]	ST JOHNS RIVER AT MILL COVE	No	717	717	0	0
TIMU0274	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0275	EDWARDS CK DNSTR OF CONF W/ SAMPLES CK	Yes	2	2	0	0
TIMU0276[1]	EDWARDS CREEK SECOND BEND	Yes	394	394	0	0
TIMU0277[1]	EDWARDS CREEK UPSTREAM OF NASSAU RIVER NR HEDGES	Yes	120	57	63	0
TIMU0278	EDWARDS CREEK AT CONFLUENCE WITH SAMPLES CREEK	Yes	525	525	0	0
TIMU0279	EDWARDS CREEK AT SAMPLES CREEK	Yes	89	89	0	0
TIMU0280	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0281	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0282[1]	SJR AT CM4	No	1309	1309	0	0
TIMU0283	ST JOHNS R 50 YDS E JEA N POD	No	0	0	0	0
TIMU0284	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0

Station Period of Record Tabulation
From 10/17/61 To 12/30/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75
TIMU0285	RIGHT FORK SAN CARLOS CREEK	No	18	0	0	18
TIMU0286	BLOUNT ISLAND CHANNEL NEAR JEA/POWER PK EFF	No	281	281	0	0
TIMU0287	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0288	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	38	0	0	38
TIMU0289	ST JOHNS RIVER AT THE MOUTH OF SAN CARLOS CREEK	No	140	0	0	140
TIMU0290	SAN CARLOS CREEK AT HECKSCHER DRIVE	No	17	0	0	17
TIMU0291	SAN CARLOS CREEK AT HECKSCHER DRIVE	No	17	0	0	17
TIMU0292	SAN CARLOS CREEK	No	8	0	8	0
TIMU0293	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0294	SAN CARLOS CREEK	No	8	0	8	0
TIMU0295	SAN CARLOS CREEK AT BLOUNT ISLAND CHANNEL	No	55	0	55	0
TIMU0296	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0297	SAN CARLOS CK AT ST JOHNS RIVER	No	52	0	52	0
TIMU0298	SAN CARLOS CREEK	No	8	0	8	0
TIMU0299	SAN CARLOS CREEK	No	4	0	4	0
TIMU0300	SAN CARLOS CREEK AT CONFLUENCE WITH NICHOLS CK	No	18	0	0	18
TIMU0301	ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL	No	8	0	8	0
TIMU0302	ST JOHNS R E FULTON-DAME CUTOFF	No	216	0	0	216
TIMU0303	NASSAU RIVER AT LOFTON CREEK	Yes	86	86	0	0
TIMU0304	SAN CARLOS CREEK	No	8	0	8	0
TIMU0305	MOUTH OF NICHOLS CREEK	No	18	0	0	18
TIMU0306[!]	LOFTON CREEK AT MOUTH	No	439	439	0	0
TIMU0307	SAN CARLOS CREEK	No	18	0	0	18
TIMU0308	SAN CARLOS CREEK	No	8	0	8	0
TIMU0309	ST. JOHNS RIVER AT YELLOW BLUFF FORT	No	28	0	0	28
TIMU0310	SJR BIC NORTH BLOUNT IS WWTP	No	0	0	0	0
TIMU0311	NICHOLS CREEK	No	8	0	8	0
TIMU0312	NICHOLS CREEK	No	8	0	8	0
TIMU0313	NICHOLS CREEK	No	8	0	8	0
TIMU0314	NICHOLS CREEK CEIP	No	441	0	441	0
TIMU0315[!]	ST JOHNS R OFF DAMES PT	No	2353	2197	70	86
TIMU0316	ST JOHNS R BUOY 44 DAMES PT	No	8	0	0	8
TIMU0317	NICHOLS CREEK BOTTOM	No	102	0	102	0
TIMU0318	SJR BIC SOUTH BLOUNT IS WWTP	No	0	0	0	0
TIMU0319	DAMES PT SITE 3	No	60	0	60	0
TIMU0320	DAMES PT DUPLICATES	No	14	0	14	0
TIMU0321	SAN CARLOS CREEK	No	4	0	4	0
TIMU0322	NICHOLS CREEK	No	4	0	4	0
TIMU0323	LOFTON CK 50 M UPSTREAM OF CONFLUENCE	No	525	525	0	0
TIMU0324	ST. JOHNS RIVER AT DAMES POINT TURN	No	107	0	0	107
TIMU0325	NORTHSIDE POWER PT INTAKE	No	2023	0	11	2012
TIMU0326	JAX N PWR STA DISCH ST. JOHNS R	No	0	0	0	0
TIMU0327	JAX N PWR STA DISCH ST. JOHNS R	No	11	0	11	0
TIMU0328[!]	D-1149 J-1138 JEA#4	No	548	296	252	0
TIMU0329	SAN CARLOS CREEK	No	18	0	0	18
TIMU0330	NICHOLS CREEK	No	8	0	8	0
TIMU0331	NICHOLS CREEK	No	8	0	8	0
TIMU0332	ST JOHNS R BUOY 47 QUARANTINE IS	No	0	0	0	0
TIMU0333	ST. JOHNS RIVER AT DAMES POINT TURN	No	46	0	0	46
TIMU0334	ST. JOHNS RIVER AT DAMES POINT TURN	No	28	0	0	28
TIMU0335	NICHOLS CREEK	No	4	0	4	0
TIMU0336	ST. JOHNS RIVER AT DAMES POINT TURN	No	20	0	0	20
TIMU0337	DS-0265	No	4	0	4	0
TIMU0338	NICHOLS CREEK	No	18	0	0	18
TIMU0339	NICHOLS CREEK	No	8	0	8	0
TIMU0340	ST. JOHNS RIVER AT DAMES POINT TURN	No	79	0	0	79
TIMU0341	DS-0260	No	4	0	4	0
TIMU0342	DS-0248	No	5	0	5	0
TIMU0343[!]	SJR AT DAMES POINT BRIDGE	No	2463	2463	0	0
TIMU0344	ST. JOHNS RIVER OFF DAME POINT	No	51	0	51	0
TIMU0345	HEADWATERS OF NICHOLS CREEK	No	18	0	0	18
TIMU0346	TERRAPIN CREEK AT FAYE ROAD	No	0	0	0	0
TIMU0347	ST JOHNS R DAME POINT TURN	No	211	0	0	211
TIMU0348[!]	LOFTON CREEK UPSTREAM OF CONFLUENCE WITH NASSAU	No	221	72	149	0
TIMU0349	LOFTON CK UPSTREAM OF CONF W/ NASSAU RIVER	No	0	0	0	0
TIMU0350[!]	LOFTON CREEK AT BOAT RAMP	No	438	438	0	0
TIMU0351[!]	SJR NEAR CM 51	No	766	766	0	0
TIMU0352	ST. JOHNS RIVER NEAR MARKER 51	No	347	347	0	0
TIMU0353	LOFTON CREEK BOAT RAMP	No	80	80	0	0
TIMU0354[!]	MINK CREEK AT MILL BRANCH	Yes	352	352	0	0
TIMU0355	MINK CREEK AT MILL BRANCH	Yes	68	68	0	0

Station Period of Record Tabulation
From 10/17/61 To 12/30/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75
TIMU0356	ST JOHNS R BY NAVIGATION TOWER	No	0	0	0	0
TIMU0357	DUNNS CR DUPLICATES	No	4	0	4	0
TIMU0358	DUNNS CR SITE 2	No	12	0	12	0
TIMU0359	ST JOHNS R CHANNEL MARKER 53	No	0	0	0	0
TIMU0360	ST. JOHNS RIVER DOWNSTREAM FROM DUNN CREEK	No	51	0	51	0
TIMU0361[1]	TERRAPIN CREEK AT ALTA ROAD	No	512	484	28	0
TIMU0362[1]	DUNN CREEK AT SR 105 (HECKSHER DR.)	No	139	139	0	0
TIMU0363	DUNNS CR FLA RT 105 (HECKSHER DR.)	No	204	160	11	33
TIMU0364	ST JOHNS R DUNNS CR	No	92	0	70	22
TIMU0365	ST JOHNS R NEAR BUOY NO 53	No	45	0	0	45
TIMU0366	DUNNS CR AT FAYE ROAD	No	62	41	21	0
TIMU0367[1]	DUNN CR. AT R.R. BRIDGE-END OF FAYE ROAD E. SIDE	No	507	479	28	0
TIMU0368	DUNNS CREEK BOTTOM	No	103	0	103	0
TIMU0369	DUNNS CREEK CEIP	No	453	0	453	0
TIMU0370	NASSAU RIVER AT CONFLUENCE WITH DEESE CREEK	Yes	542	542	0	0
TIMU0371	NASSAU RIVER AT DEESE CREEK	Yes	117	117	0	0
TIMU0372	DUNN CK NR MOUTH AT HECKSHER DR STORMFLOW	No	223	223	0	0
TIMU0373	ST. JOHNS RIVER BETWEEN BROWARD R AND DUNN CRK	No	50	0	50	0
TIMU0374	ST JOHNS RIVER APPROX 0.8 MILE E DRUMMOND PT.	No	0	0	0	0
TIMU0375[1]	NASSAU RIVER AT DEESE CREEK	Yes	435	435	0	0
TIMU0376[1]	SJR FROM GREEN MARKER 57 1/2 DISTANCE TO SHORE	No	1336	1336	0	0
TIMU0377[1]	ST JOHNS R BROWARD R DUNNS CR	No	1110	0	827	283
TIMU0378[1]	NASSAU RIVER 1.75 MI DNSTREAM OF US 17	No	467	384	83	0
TIMU0379	NASSAU RIVER 1.75 MI EAST OF U.S 17 NR HEDGES,FL	No	270	212	58	0
TIMU0380	ST. JOHNS RIVER E SEMINOLE EFF	No	20	20	0	0
TIMU0381[1]	DUNN CREEK AT DUNN CREEK ROAD	No	496	468	28	0
TIMU0382	ST.JOHNS RIVER CONFL W/BROWARD R. O4/X3 BE2	No	0	0	0	0
TIMU0383	ST. JOHNS RIVER W SEMINOLE EFF	No	19	19	0	0
TIMU0384	NASSAU R US 17 S OF YULEE	No	112	0	0	112
TIMU0385	ST JOHNS RIVER ARRROX 0.2 MILE E DRUMMOND PT.	No	0	0	0	0
TIMU0386	DUNN CREEK NR EASTPORT, FLA.	No	395	0	0	395
TIMU0387	BROWARD R BR FLA RT 105 (HECKSHER DR.)	No	220	142	45	33
TIMU0388	BROWARD R NR MOUTH AT HECKSHER DR STORMFLOW	No	280	280	0	0
TIMU0389	DUNN CR AT STARRET RD JACKSONVILLE	No	0	0	0	0
TIMU0390	DUNN CREEK AT NEW BERLIN ROAD	No	24	24	0	0
TIMU0391[1]	BROWARD RIVER AT SR 105 BRIDGE (HECKSHER DR.)	No	331	331	0	0
TIMU0392[1]	DUNNS CREEK NR OCEANWAY, FLORIDA	No	635	0	635	0
TIMU0393	DUNN CREEK AT STARRATT ROAD	No	0	0	0	0
TIMU0394	ST. JOHNS RIVER 400YDS S. DRUMMOND POINT	No	216	216	0	0
TIMU0395[1]	ST JOHNS R BUOY 59 NAVY DEPT	No	735	0	23	712
TIMU0396[1]	ST JOHNS RIVER AT BROWARD RIVER	No	292	221	71	0
TIMU0397[1]	SJR EAST OF SPOIL ISLAND ACROSS FROM MARKER 60	No	1334	1334	0	0
TIMU0398	JACKSONVILLE SEWER DIST #2 STP	No	0	0	0	0
TIMU0399	ST JOHNS R NAVIGATION MARKER 60 /NR MKR 61	No	375	375	0	0
TIMU0400[1]	SJR AT MARKER 60	No	1233	1233	0	0
TIMU0401[1]	NASSAU RIV US 17	Yes	474	29	359	86
TIMU0402[1]	NASSAU RIVER AT US 17	No	2489	2201	288	0
TIMU0403[1]	NASSAU RIVER AT US 17 NEAR HEDGES,FL	No	751	529	222	0
TIMU0404	NASSAU RIVER NR HEDGES FL	Yes	36	0	36	0
TIMU0405[1]	NASSAU RIVER AT US 17	Yes	1175	1175	0	0
TIMU0406	ST JOHNS R DOWNSTR SM SPOILS IS	No	0	0	0	0
TIMU0407	BROWARD R WNW ST REGIS PAPER CO	No	77	0	11	66
TIMU0408[1]	SJR AT MARKER 60	No	2279	2279	0	0
TIMU0409	EAST OF TROUT RIVER (L ST JOHNS R STA 24 OF 2	No	406	406	0	0
TIMU0410[1]	SJR AT MARKER 60	No	2356	2356	0	0
TIMU0411	ST JOHNS DRUMMOND PT NAV MKR 60	No	211	0	0	211
TIMU0412	UNNAMED TRIBUTARY TO LUMBER CR	No	0	0	0	0
TIMU0413	D-1138 J-1188	No	5	0	5	0
TIMU0414	D-0570 J-0636	No	6	0	6	0
TIMU0415	UNNAMED TRIBUTARY TO NASSAU RIVER	No	0	0	0	0
TIMU0416	NASSAU RIVER 50 M DWNSTRM OF I-95 BRIDGE	Yes	624	624	0	0
TIMU0417	UNNAMED CANAL BELOW ORTEGA UTILITIES	No	15	15	0	0
TIMU0418	NASSAU RIVER AT I-95	Yes	105	0	105	0
TIMU0419	NASSAU RIVER AT I-95	No	106	106	0	0
TIMU0420[1]	NASSAU RIVER EAST OF I-95	No	443	443	0	0
TIMU0421[1]	NASSAU RIVER AT EAST EDGE OF NASSAUVILLE	No	391	203	188	0
TIMU0422[1]	NASSAU RIVER AT NASSAUVILLE,FL	No	248	133	115	0
TIMU0423	PLUMMERS CR AT I-95	No	0	0	0	0
TIMU0424	PLUMMER CREEK AT I-95	No	53	53	0	0
TIMU0425	THOMAS CK NEAR CONFLUENCE WITH THE NASSAU RIVER	No	613	613	0	0
TIMU0426[1]	THOMAS CREEK UPSTR OF CONF W/ NASSAU RIVER	No	507	263	244	0

Station Period of Record Tabulation
From 10/17/61 To 12/30/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75
TIMU0427[1]	UPSTREAM AT CONFLUENCE WITH NASSAU RIVER	No	287	140	147	0
TIMU0428	NASSAU RIVER ABOVE NASSAU LANDING	No	85	85	0	0
TIMU0429	THOMAS CREEK AT JOEL'S LANDING	No	62	62	0	0
TIMU0430[1]	THOMAS CREEK AT JOELS LANDING	Yes	410	410	0	0
TIMU0431	PLUMMERS CR AT SR A1A	No	0	0	0	0
TIMU0432[1]	UPPER NASSAU BOAT RAMP	No	403	403	0	0
TIMU0433	UPPER NASSAU BOAT RAMP	No	63	63	0	0
TIMU0434	NASSAU RIVER AT "NASSAU LANDING" RAMP	No	70	70	0	0
TIMU0435	PLUMMER CR @ YULEE RD	No	48	48	0	0
TIMU0436[1]	NASSAU RIVER NEAR ITALIA, FLA	No	202	45	157	0
TIMU0437[1]	NASSAU RIVER NEAR ITALIA	No	1508	1508	0	0
TIMU0438[1]	MILLS & BOGGY CKS CONF POLICE CLUB RD	No	338	112	226	0
TIMU0439	D-0624 J-0690	No	7	0	7	0
TIMU0440	D-0623 J-0689	No	7	0	7	0
TIMU0441	THOMAS CR 4 MI BELOW CITY PRISON	No	9	0	9	0
TIMU0442	THOMAS CR 2 MI BELOW PRISON FARM	No	9	0	9	0
TIMU0443	DS-0122	No	5	0	5	0
TIMU0444	THOMAS CREEK AT ETHYL ROAD	No	0	0	0	0
TIMU0445	THOMAS CREEK ABOVE PRISON FARM	No	9	0	9	0

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

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	31	0	0	31	1	0
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	4902	3233	734	935	152	68
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	1135	1021	114	0	50	18
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	5	5	0	0	2	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	55339	53570	699	1070	271	110
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	706	667	39	0	66	33
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	2043	1247	767	29	110	37
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	1788	1242	546	0	81	28
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	1	0	0	1	1	0
00032	CLOUD COVER (PERCENT)	1164	1114	50	0	61	31
00035	WIND VELOCITY (MILES PER HOUR)	373	325	48	0	45	28
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	364	324	40	0	45	28
00039	SAMPLE LENGTH IN MILLIMETERS	208	164	44	0	6	1
00041	WEATHER (WMO CODE 4501)	326	277	49	0	19	7
00055	VELOCITY, STREAM FT/SEC	350	285	65	0	46	20
00060	FLOW, STREAM, MEAN DAILY CFS	11	0	0	11	1	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	29	0	9	20	4	1
00064	DEPTH OF STREAM, MEAN (FT)	119	11	84	24	32	23
00065	STAGE, STREAM (FEET)	29	0	6	23	3	1
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	83	0	83	0	18	13
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	76	76	0	0	4	1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	259	0	38	221	37	8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	763	426	332	5	68	34
00077	TRANSPARENCY, SECCHI DISC (INCHES)	95	73	22	0	10	3
00078	TRANSPARENCY, SECCHI DISC (METERS)	1521	1227	283	11	129	60
00080	COLOR (PLATINUM-COBALT UNITS)	604	300	106	198	75	25
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	713	429	279	5	58	27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	53098	52837	256	5	178	88
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1313	581	435	297	140	40
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	58384	55955	1197	1232	380	140
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	1805	1675	130	0	41	11
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	47325	47177	148	0	161	79
00300	OXYGEN, DISSOLVED MG/L	1398	418	544	436	117	40
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	44715	44511	7	197	63	27
00304	BOD, 2 DAY, 20 DEG C MG/L	93	0	0	93	6	0
00310	BOD, 5 DAY, 20 DEG C MG/L	2016	1293	354	369	148	51
00315	BOD, 7 DAY, 20 DEG C MG/L	6	0	6	0	3	0
00324	BOD, 20 DAY, 20 DEG C MG/L	6	0	6	0	3	0
00335	COD, .025N K2CR2O7 MG/L	41	0	0	41	25	2
00340	COD, .25N K2CR2O7 MG/L	5	0	0	5	1	0
00400	PH (STANDARD UNITS)	3657	2887	384	386	219	67
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	34	34	0	0	10	0
00403	PH, LAB, STANDARD UNITS SU	771	347	372	52	69	30
00405	CARBON DIOXIDE (MG/L AS CO2)	2	0	2	0	1	0
00406	PH, FIELD, STANDARD UNITS SU	50504	50496	8	0	44	30
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	702	285	134	283	78	21
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	4	0	0	4	4	0
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	1	1	0	0	1	0
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	23	23	0	0	3	1
00435	ACIDITY, TOTAL (MG/L AS CACO3)	161	0	84	77	14	3
00440	BICARBONATE ION (MG/L AS HCO3)	27	0	5	22	12	0
00445	CARBONATE ION (MG/L AS CO3)	16	0	4	12	2	0
00480	SALINITY - PARTS PER THOUSAND	52978	52605	233	140	201	76
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	2	2	0	0	2	1
00500	RESIDUE, TOTAL (MG/L)	72	0	22	50	22	5
00505	RESIDUE, TOTAL VOLATILE (MG/L)	63	0	17	46	13	4
00510	RESIDUE, TOTAL FIXED (MG/L)	55	0	17	38	11	4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	90	0	0	90	43	5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2532	2042	359	131	161	72
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	639	313	223	103	58	27
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	636	313	223	100	58	27
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	20	0	20	0	7	3
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	13	0	13	0	4	4
00600	NITROGEN, TOTAL (MG/L AS N)	846	836	10	0	45	13
00602	NITROGEN, DISSOLVED (MG/L AS N)	41	35	6	0	5	2
00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	2	0	2	0	2	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	145	0	68	77	36	7
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	5	0	5	0	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	340	305	35	0	17	6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2944	2419	397	128	207	90
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	20	0	20	0	7	3

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	5	0	5	0	1	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	122	1	108	13	46	13
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	5	0	5	0	1	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	434	0	292	142	87	29
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	387	352	35	0	21	7
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	22	0	22	0	4	2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2526	2104	390	32	170	77
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	20	0	20	0	7	3
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	3	3	0	0	3	1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2488	2238	244	6	163	78
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	179	151	28	0	14	5
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	20	0	20	0	7	3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	75	0	50	25	9	1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	6	0	0	6	1	0
00655	PHOSPHATE, POLY (MG/L AS PO4)	2	0	0	2	1	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	111	0	82	29	18	2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2792	2241	434	117	186	76
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	355	340	14	1	18	5
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	23	3	20	0	10	4
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	11	0	0	11	11	4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	113	8	42	63	40	9
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	547	363	107	77	68	23
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	296	285	0	11	19	7
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	15	0	4	11	12	4
00690	CARBON, TOTAL (MG/L AS C)	4	0	4	0	1	0
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	17	0	17	0	4	2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	6	0	6	0	3	3
00745	SULFIDE, TOTAL (MG/L AS S)	11	0	0	11	11	4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	706	572	65	69	100	37
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	27	0	9	18	9	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	129	35	64	30	25	6
00916	CALCIUM, TOTAL (MG/L AS CA)	107	94	5	8	18	4
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	1	0	0	1	1	0
00920	MAGNESIUM (MG/L AS CACO3)	6	0	2	4	3	1
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	110	110	0	0	15	12
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	4	3	0	1	4	3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	117	35	63	19	20	4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	125	113	5	7	22	5
00929	SODIUM, TOTAL (MG/L AS NA)	87	75	5	7	14	4
00930	SODIUM, DISSOLVED (MG/L AS NA)	117	34	65	18	16	5
00931	SODIUM ADSORPTION RATIO	22	0	10	12	3	0
00932	SODIUM, PERCENT	22	0	10	12	3	0
00933	SODIUM,PLUS POTASSIUM (MG/L)	2	0	2	0	1	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	117	34	66	17	16	5
00937	POTASSIUM, TOTAL MG/L AS K)	113	75	31	7	20	7
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	1	0	0	1	1	0
00940	CHLORIDE,TOTAL IN WATER MG/L	2687	1918	303	466	215	83
00945	SULFATE, TOTAL (MG/L AS SO4)	353	195	116	42	57	13
00950	FLUORIDE, DISSOLVED (MG/L AS F)	64	0	45	19	10	4
00951	FLUORIDE, TOTAL (MG/L AS F)	262	205	57	0	38	16
00955	SILICA, DISSOLVED (MG/L AS SI02)	52	0	39	13	7	3
00956	SILICA, TOTAL (MG/L AS SI02)	29	23	0	6	9	1
00958	SILICATE, UNFILTERED REACTIVE (MG/L SIO3 AS SI)	2	2	0	0	1	0
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	237	237	0	0	39	27
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	1	1	0	0	1	0
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	583	552	31	0	56	39
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	239	239	0	0	39	27
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	19	19	0	0	17	9
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	2	2	0	0	2	0
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	1	1	0	0	1	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	40	11	29	0	6	2
01001	ARSENIC, SUSPENDED (UG/L AS AS)	26	0	26	0	5	2
01002	ARSENIC, TOTAL (UG/L AS AS)	91	43	42	6	24	7
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	30	6	22	2	14	7
01005	BARIUM, DISSOLVED (UG/L AS BA)	12	12	0	0	2	0
01007	BARIUM, TOTAL (UG/L AS BA)	1	1	0	0	1	0
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	13	13	0	0	13	7
01012	BERYLLIUM, TOTAL (UG/L AS BE)	14	13	1	0	3	0
01020	BORON, DISSOLVED (UG/L AS B)	24	0	24	0	4	2
01021	BORON, SUSPENDED (UG/L AS B)	24	0	24	0	4	2
01022	BORON, TOTAL (UG/L AS B)	24	0	24	0	4	2

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01025	CADMIUM, DISSOLVED (UG/L AS CD)	46	12	34	0	7	3
01026	CADMIUM, SUSPENDED (UG/L AS CD)	53	0	35	18	7	3
01027	CADMIUM, TOTAL (UG/L AS CD)	223	83	130	10	51	17
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	64	32	30	2	35	13
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	29	6	22	1	14	7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	41	17	24	0	5	2
01031	CHROMIUM, SUSPEND (UG/L AS CR)	19	0	19	0	4	2
01034	CHROMIUM, TOTAL (UG/L AS CR)	189	61	73	55	63	18
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	20	0	20	0	7	3
01040	COPPER, DISSOLVED (UG/L AS CU)	90	17	54	19	10	4
01041	COPPER, SUSPENDED (UG/L AS CU)	29	0	29	0	5	2
01042	COPPER, TOTAL (UG/L AS CU)	341	149	123	69	81	21
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	64	32	30	2	35	13
01044	IRON, SUSPENDED (UG/L AS FE)	30	0	30	0	6	3
01045	IRON, TOTAL (UG/L AS FE)	330	109	149	72	81	21
01046	IRON, DISSOLVED (UG/L AS FE)	106	33	61	12	17	4
01049	LEAD, DISSOLVED (UG/L AS PB)	50	14	36	0	7	3
01050	LEAD, SUSPENDED (UG/L AS PB)	34	0	34	0	6	3
01051	LEAD, TOTAL (UG/L AS PB)	311	120	144	47	70	23
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	57	32	22	3	27	11
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	52	32	20	0	26	11
01054	MANGANESE, SUSPENDED (UG/L AS MN)	32	0	32	0	6	3
01055	MANGANESE, TOTAL (UG/L AS MN)	111	28	39	44	50	12
01056	MANGANESE, DISSOLVED (UG/L AS MN)	48	15	33	0	7	3
01059	THALLIUM, TOTAL (UG/L AS TL)	1	0	1	0	1	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	42	13	29	0	6	2
01066	NICKEL, SUSPENDED (UG/L AS NI)	26	0	26	0	5	2
01067	NICKEL, TOTAL (UG/L AS NI)	128	75	45	8	41	11
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	52	32	20	0	26	11
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	266	266	0	0	39	27
01075	SILVER, DISSOLVED (UG/L AS AG)	27	3	24	0	5	2
01077	SILVER, TOTAL (UG/L AS AG)	62	31	31	0	13	5
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	5	5	0	0	5	4
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	154	154	0	0	42	27
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	17	1	16	0	4	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	54	18	36	0	7	3
01091	ZINC, SUSPENDED (UG/L ZN)	28	0	28	0	5	2
01092	ZINC, TOTAL (UG/L AS ZN)	359	149	142	68	81	21
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	37	6	30	1	22	9
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	493	461	32	0	50	37
01097	ANTIMONY, TOTAL (UG/L AS SB)	7	0	7	0	4	3
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	8	0	8	0	8	2
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	5	5	0	0	5	4
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	248	248	0	0	37	26
01105	ALUMINUM, TOTAL (UG/L AS AL)	81	33	42	6	17	7
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	29	0	29	0	5	2
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	22	0	22	0	5	2
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	6	6	0	0	6	4
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	410	380	30	0	49	36
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	525	493	32	0	55	38
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	426	409	17	0	49	36
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	529	496	33	0	49	36
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	28	28	0	0	22	14
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	2	2	0	0	2	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	5	3	2	0	2	0
01147	SELENIUM, TOTAL (UG/L AS SE)	35	22	13	0	12	4
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	6	6	0	0	6	4
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	37	6	30	1	22	9
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	19	19	0	0	17	9
01501	ALPHA, TOTAL	6	0	6	0	3	3
09501	RADIUM 226, TOTAL	6	0	6	0	3	3
11501	RADIUM 228, TOTAL	6	0	6	0	3	3
22413	HARDNESS, DISSOLVED, WATER MG/L	96	96	0	0	2	1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	339	252	64	23	36	14
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	1542	824	347	371	148	63
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	783	769	14	0	20	6
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	58	58	0	0	24	11
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	181	63	50	68	22	9
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	2256	1660	344	252	135	60
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	308	249	50	9	33	11
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	48	48	0	0	24	11

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	5	5	0	0	2	1
32000	SAMPLE SIZE (LITERS)	3	3	0	0	3	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	1048	1003	45	0	40	12
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	692	618	74	0	67	20
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	454	413	41	0	24	9
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	454	413	41	0	24	9
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	522	482	40	0	26	10
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	443	403	40	0	23	9
32230	CHLOROPHYLL A (MG/L)	6	0	6	0	3	0
32240	TANNIN AND LIGNIN (MG/L)	5	0	4	1	2	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	16	0	6	10	13	6
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34208	ACENAPHTHENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34223	ANTHRACENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	5	5	0	0	5	4
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	5	5	0	0	5	4
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	5	5	0	0	5	4
34257	B-BHC-BETA DRY WGTBOTUG/KG	4	2	2	0	3	1
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	7	5	2	0	6	4
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	1	1	0	0	1	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	1	1	0	0	1	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	1	1	0	0	1	0
34323	CHRYSENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	3	3	0	0	3	1
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	3	3	0	0	3	1
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	1	1	0	0	1	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	8	6	2	0	7	4
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	5	3	2	0	4	3
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	7	5	2	0	6	4
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	1	1	0	0	1	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	7	5	2	0	6	4
34379	FLUORANTHENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34384	FLUORENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	3	3	0	0	3	1
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	3	3	0	0	3	1
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34411	ISOPHORONE DRY WGTBOTUG/KG	3	3	0	0	3	1
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	1	1	0	0	1	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	1	1	0	0	1	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34450	NITROBENZENE DRY WGTBOTUG/KG	1	1	0	0	1	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	5	5	0	0	5	4
34465	PHENANTHRENE WET WGTTISMG/KG	1	1	0	0	1	0
34472	PYRENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	5	5	0	0	5	4
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	6	6	0	0	6	4
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	3	3	0	0	3	1
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	3	3	0	0	3	1
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	3	3	0	0	3	3
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	3	3	0	0	3	1
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	3	3	0	0	3	1
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	6	6	0	0	6	4
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	3	3	0	0	3	1
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	1	1	0	0	1	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	1	1	0	0	1	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	1	1	0	0	1	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	1	1	0	0	1	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	1	1	0	0	1	0
34710	BENZO(B/K)FLUORANTHENE (ISOMERS) SED DRY WT UG/KG	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	8	0	6	2	4	4
38743	CHLORPYRIFOS-METHYL SEDDRYWGTUG/KG	1	1	0	0	1	0
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4	2
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	2	0	2	0	1	0
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	2	0	2	0	1	0
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	2	0	2	0	1	0

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	2	0	2	0	1	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	5	3	2	0	4	1
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	3	3	0	0	3	1
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	3	3	0	0	3	1
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	1	1	0	0	1	0
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	12	0	12	0	4	2
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	8	0	8	0	7	3
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	7	5	2	0	6	4
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	2	2	0	3	1
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	7	5	2	0	6	4
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	2	2	0	3	1
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	7	5	2	0	6	4
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	4	2	2	0	3	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4	2
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	16	6	10	0	14	7
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12	0	12	0	4	2
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	13	3	10	0	11	4
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	19	0	19	0	7	5
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10	0	10	0	8	3
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	2	0	2	0	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4	2
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	9	1	8	0	8	3
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4	2
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	9	1	8	0	8	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7	5
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	9	1	8	0	8	3
39379	SUM OF ALL DDT,DDE& DDD VALUES IN WHL WATER SAMP	1	0	1	0	1	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4	2
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	16	6	10	0	14	7
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7	5
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	8	0	8	0	7	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7	5
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	16	6	10	0	14	7
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	1	0	0	1	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	17	0	17	0	7	5
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	13	3	10	0	11	4
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7	5
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	16	6	10	0	14	7
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4	2
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	16	6	10	0	14	7
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	17	0	17	0	7	5
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	13	3	10	0	11	6
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	3	1	2	0	2	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	2	0	2	0	1	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	3	1	2	0	2	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	1	2	0	2	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	1	2	0	2	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	2	0	2	0	1	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	2	0	2	0	1	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	18	0	18	0	8	5
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	0	10	0	8	3
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	3	3
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	2	0	1	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	3	3
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	2	0	1	0
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	3	3
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	3	3
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	1	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	5	3	2	0	4	1
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	3	3	0	0	3	1
39755	MIREX, TOTAL (UG/L)	17	0	17	0	7	5
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10	0	10	0	8	3
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	7	0	7	0	3	3
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	99	99	0	0	15	12
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	16	14	2	0	15	5
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	16	14	2	0	15	5
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	210	210	0	0	9	3
48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	18	0	17	1	3	1
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	11	0	0	11	11	4
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	5	5	0	0	5	4
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	5	5	0	0	5	4

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49757	NAPHTHALENE,2,3,5-TRIMETHYL,DRY WT.,SEDIMENT UG/KG	2	2	0	0	2	1
49900	PARTICLE SIZE, CLAY 0.002-0.0002MM, DRYWTSEDIMENT%	2	2	0	0	2	1
49906	PARTICLE SIZE,0.05-0.002MM SILT,DRYWT.,SEDIMENT %	2	2	0	0	2	1
49925	PARTICLE SIZE, .05-2.0MM SAND DRY WT.,SEDIMENT %	2	2	0	0	2	1
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	1	0	1	0	1	0
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	15	0	0	15	11	4
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	5	5	0	0	5	4
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	5	5	0	0	5	4
50944	DIBENZ(A,H)ANTHRACENE, DRY WEIGHT, SEDIMENT UG/KG	2	2	0	0	2	1
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50947	PCB CONGENER #28 (CL3), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50951	PCB CONGENER #77/110 (CL4/CL5) DRY WGT,SED UG/KG	2	2	0	0	2	1
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50957	PCB CONGENER #126/129(CL5/CL6) DRY WGT,SED UG/KG	2	2	0	0	2	1
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	2	2	0	0	2	1
50966	GAMMA-CHLORDANE, DRY WEIGHT, SEDIMENT UG/KG	2	2	0	0	2	1
50967	ENDOSULFAN II, DRY WEIGHT, SEDIMENT UG/KG	2	2	0	0	2	1
61115	PCB CONGENER #169 (C16) SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	2	1
61116	TOTAL SEDIMENT PARTICLE SIZE % 0 - 0.49 UM	2	2	0	0	2	1
61117	TOTAL SEDIMENT PARTICLE SIZE % 0.49 - 0.69 UM	2	2	0	0	2	1
61118	TOTAL SEDIMENT PARTICLE SIZE % 0.69 - 0.98 UM	2	2	0	0	2	1
61119	TOTAL SEDIMENT PARTICLE SIZE % 0.98 - 1.38 UM	2	2	0	0	2	1
61120	TOTAL SEDIMENT PARTICLE SIZE % 1.38 - 1.95 UM	2	2	0	0	2	1
61121	TOTAL SEDIMENT PARTICLE SIZE % 1.95 - 2.76 UM	2	2	0	0	2	1
61122	TOTAL SEDIMENT PARTICLE SIZE % 2.76 - 3.91 UM	2	2	0	0	2	1
61123	TOTAL SEDIMENT PARTICLE SIZE % 3.91 - 5.52 UM	2	2	0	0	2	1
61124	TOTAL SEDIMENT PARTICLE SIZE % 5.52 - 7.81 UM	2	2	0	0	2	1
61125	TOTAL SEDIMENT PARTICLE SIZE % 7.81 - 11.0 UM	2	2	0	0	2	1
61126	TOTAL SEDIMENT PARTICLE SIZE % 11.0 - 15.6 UM	2	2	0	0	2	1
61127	TOTAL SEDIMENT PARTICLE SIZE % 15.6 - 22.1 UM	2	2	0	0	2	1
61128	TOTAL SEDIMENT PARTICLE SIZE % 22.1 - 31.0 UM	2	2	0	0	2	1
61129	TOTAL SEDIMENT PARTICLE SIZE % 31.0 - 44.0 UM	2	2	0	0	2	1
61130	TOTAL SEDIMENT PARTICLE SIZE % 44.0 - 62.5 UM	2	2	0	0	2	1
61131	TOTAL SEDIMENT PARTICLE SIZE % 62.5 - 88.0 UM	2	2	0	0	2	1
61132	TOTAL SEDIMENT PARTICLE SIZE % 88.0 - 125.0 UM	2	2	0	0	2	1
61133	TOTAL SEDIMENT PARTICLE SIZE % 125 - 177 UM	2	2	0	0	2	1
61134	TOTAL SEDIMENT PARTICLE SIZE % 177 - 250 UM	2	2	0	0	2	1
61135	TOTAL SEDIMENT PARTICLE SIZE % 250 - 350 UM	2	2	0	0	2	1
61136	TOTAL SEDIMENT PARTICLE SIZE % 350 - 500 UM	2	2	0	0	2	1
61137	TOTAL SEDIMENT PARTICLE SIZE % 500 - 710 UM	2	2	0	0	2	1
61138	TOTAL SEDIMENT PARTICLE SIZE % 710 - 1000 UM	2	2	0	0	2	1
61139	TOTAL SEDIMENT PARTICLE SIZE % 1000 - 1410 UM	2	2	0	0	2	1
61140	TOTAL SEDIMENT PARTICLE SIZE % 1410 - 2000 UM	2	2	0	0	2	1
61141	TOTAL SEDIMENT PARTICLE SIZE % 2000 - 2830 UM	2	2	0	0	2	1
61142	MEAN SEDIMENT PARTICLE SIZE UM	2	2	0	0	2	1
61143	STANDARD DEVIATION OF SEDIMENT PARTICLE SIZE UM	2	2	0	0	2	1
61144	MEDIAN SEDIMENT PARTICLE SIZE UM	2	2	0	0	2	1
61145	MODE OF SEDIMENT PARTICLE SIZE UM	2	2	0	0	2	1
61146	KURTOSIS OF SEDIMENT PARTICLE DISTRIBUTION UM	2	2	0	0	2	1
61147	SKEWNESS OF SEDIMENT PARTICLE DISTRIBUTION UM	2	2	0	0	2	1
61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	3	3	0	0	3	3
61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	3	3	0	0	3	3
61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	3	3	0	0	3	3
61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	3	3	0	0	3	3
61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	3	3	0	0	3	3
61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	3	3	0	0	3	3
61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	3	3	0	0	3	3

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	3	3	0	0	3	3
61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	3	3	0	0	3	3
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	13	0	13	0	8	2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	287	197	75	15	40	9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	21	0	9	12	2	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	18	0	5	13	2	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	21	0	9	12	2	0
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	2	2	0	0	2	1
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	2	2	0	0	2	1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1495	1266	164	65	86	39
70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	2	2	0	0	2	1
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	55	0	55	0	31	8
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	38	15	23	0	22	7
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	5	0	5	0	1	0
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	3	0	0	3	3	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	18	0	5	13	2	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	5	0	5	0	1	0
71870	BROMIDE (MG/L AS BR)	2	1	1	0	1	0
71885	IRON (UG/L AS FE)	4	0	0	4	1	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	26	0	26	0	6	3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	9	0	9	0	1	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	25	0	25	0	5	2
71895	MERCURY, SUSPENDED (UG/L AS HG)	19	0	19	0	5	2
71900	MERCURY, TOTAL (UG/L AS HG)	151	34	72	45	56	14
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	235	235	0	0	40	27
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	69	7	61	1	28	10
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	624	451	173	0	53	20
72017	SERIES CODE (BM WELL DATA)	1	1	0	0	1	0
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	41	17	24	0	7	0
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	42	18	24	0	8	0
73123	CHLORONAPHTHALENE,1-, DRY WEIGHT, SEDIMENT UG/KG	2	2	0	0	2	1
74008	POWER PLANT LOAD IN MEGAWATTS-METER READING	503	0	0	503	1	0
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	3	3	0	0	3	3
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	5	5	0	0	5	4
78216	ALDRIN + DIELDRIN TOTWUG/L	7	0	7	0	3	3
78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	2	2	0	0	2	1
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	3	3	0	0	3	1
78828	BENZO(GHI)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	1	1	0	0	1	0
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	5	5	0	0	5	4
78871	OXYCHLORDANE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	2	1
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	1	1	0	0	1	0
78924	NONACHLOR, CIS, SEDIMENT, DRY WEIGHT UG/KG	2	2	0	0	2	1
79787	TETRACHLOROBENZENE,1,2,4,5- SEDIMENT,DRY,WT,UG/KG	2	2	0	0	2	1
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	2	2	0	0	2	1
79796	CHLORDANE, CIS SEDIMENT,DRY,WT,UG/KG	2	2	0	0	2	1
79798	METHOXYCHLOR SEDIMENT,DRY,WT,UG/KG	2	2	0	0	2	1
79800	MIREX SEDIMENT,DRY,WT,UG/KG	2	2	0	0	2	1
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	377	377	0	0	30	4
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	16	14	2	0	15	5
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	5	0	5	0	1	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	5	0	5	0	1	0
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	16	14	2	0	15	5
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	16	14	2	0	15	5
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	16	14	2	0	15	5
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	1	1	0	0	1	0
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	3	3	0	0	3	3
81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	5	0	5	0	3	3
81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	5	0	5	0	3	3
81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	5	0	5	0	3	3
81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	5	0	5	0	3	3
81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	5	0	5	0	3	3
81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	5	0	5	0	3	3
81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	5	0	5	0	3	3
81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	3	0	3	0	2	2
81814	O,P'-DDT IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81819	ALPHA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81821	DELTA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81824	O,P'-DDE IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81825	O,P'-DDD IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	5	0	5	0	3	3

Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Parameter Code	Name	Total Obs	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	5	0	5	0	3	3
81832	PCB - 1254 IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81857	KEPONE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	2	1
81860	P,P'-DDD IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81861	P,P'-DDE IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81862	P,P'-DDT IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81863	CHLORDANE IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81864	TOXAPHENE IN SHELLFISH TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	8	0	8	0	7	3
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	145	142	3	0	38	22
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	3	3	0	0	3	1
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	1	0	1	0	1	0
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	49765	49765	0	0	2	2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1874	1809	63	2	106	54
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	133	50	80	3	30	10
82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	7	0	7	0	3	1
82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	7	0	7	0	3	1
82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	7	0	7	0	3	1
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	133	50	80	3	30	10
82251	ARTIFICIAL SUBSTRATE,DIVERSITY INDEX	1	0	0	1	1	0
82252	ARTIFICIAL SUBSTRATE +/- DIVERSITY INDEX	1	0	0	1	1	0
82253	ARTIFICIAL SUBSTRATE,REDUNDANCY INDEX	1	0	0	1	1	0
82254	ARTIFICIAL SUBSTRATE +/- REDUNDANCY INDEX	1	0	0	1	1	0
82255	ARTIFICIAL SUBTRATE #OF SPECIES INDEX	1	0	0	1	1	0
82257	BIOTIC INDEX (SPECIES) INDEX	6	6	0	0	5	2
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	979	978	1	0	35	9
83500	SAMPLE, AREA SQUARE CENTIMETERS	223	67	144	12	28	12
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	97	38	54	5	40	6
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	97	38	54	5	40	6
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	98	98	0	0	15	12
84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	99	99	0	0	15	12
84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	349	314	35	0	34	30
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	2	2	0	0	2	0
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	5	5	0	0	5	4
85791	ENDRIN KETONE, SEDIMENT, DRY WT,(SF) UG/KG	2	2	0	0	2	1

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0119	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/09/65-12/07/65	0	31	
TIMU0001	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	7	
TIMU0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/21/72	0	73	
TIMU0006	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-06/26/78	5	13	
TIMU0009	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	1	16	
TIMU0011	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	1	17	
TIMU0023	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	14	86	
TIMU0026	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0028	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	7	
TIMU0033	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	4	16	
TIMU0035	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	43	
TIMU0036	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	8	
TIMU0037	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	5	3	
TIMU0044	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	5	3	
TIMU0045	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-11/30/87	7	22	
TIMU0048	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	8	
TIMU0053	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/86-08/21/90	4	11	
TIMU0058	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	4	12	
TIMU0060	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	3	
TIMU0063	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	3	
TIMU0068	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-04/22/91	19	34	
TIMU0074	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	10	
TIMU0075	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	5	3	
TIMU0077	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/15/71-10/10/94	22	73	
TIMU0080	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	5	
TIMU0083	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/11/72-04/22/91	18	31	
TIMU0088	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/72-04/22/91	18	34	
TIMU0090	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	3	
TIMU0095	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	4	17	
TIMU0101	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-05/15/78	0	2	
TIMU0102	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	44	
TIMU0103	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0104	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/85-12/10/86	1	10	
TIMU0107	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/20/72	0	9	
TIMU0112	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/18/77-07/13/81	4	2	
TIMU0113	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	11	
TIMU0114	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	21	217	
TIMU0115	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	4	15	
TIMU0117	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/22/98-06/02/98	0	9	
TIMU0120	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-03/13/96	24	68	
TIMU0122	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	13	16	
TIMU0123	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	10	
TIMU0124	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	14	88	
TIMU0125	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	16	43	
TIMU0128	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	47	
TIMU0129	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/10/86-12/10/86	0	2	
TIMU0132	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/84-12/15/98	14	87	
TIMU0133	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	1	6	
TIMU0134	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	11	
TIMU0135	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-04/22/98	1	31	
TIMU0137	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-10/10/94	17	48	
TIMU0138	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	13	22	
TIMU0139	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/02/77-02/10/98	20	79	
TIMU0141	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	60	
TIMU0143	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/30/85-12/15/98	12	72	
TIMU0145	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/10/79	0	4	
TIMU0146	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	1	19	
TIMU0149	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	14	
TIMU0151	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	31	
TIMU0154	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	16	51	
TIMU0155	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	13	
TIMU0156	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	13	
TIMU0159	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	10	
TIMU0160	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	29	
TIMU0163	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/09/91	12	16	
TIMU0165	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	28	302	
TIMU0167	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	33	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0168	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	14	
TIMU0169	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/10/79	0	4	
TIMU0170	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	15	
TIMU0175	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	33	
TIMU0179	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-02/19/97	0	1	
TIMU0185	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	54	
TIMU0187	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0191	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	16	87	
TIMU0192	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0194	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/05/84-09/05/84	0	1	
TIMU0195	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/16/85-10/23/86	0	10	
TIMU0197	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	29	
TIMU0201	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	28	
TIMU0205	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	31	
TIMU0208	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/98-03/25/98	0	1	
TIMU0215	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/15/85-08/21/90	4	11	
TIMU0216	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/29/97-09/29/97	0	4	
TIMU0218	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-05/05/72	0	1	
TIMU0222	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-05/05/72	0	1	
TIMU0225	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/78-05/18/83	4	6	
TIMU0226	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/84-12/15/98	14	88	
TIMU0227	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/92-08/26/92	0	3	
TIMU0232	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	43	
TIMU0234	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0238	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-09/19/73	0	4	
TIMU0241	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	14	89	
TIMU0245	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/17/76-11/17/76	0	1	
TIMU0258	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/73-06/01/74	0	23	
TIMU0261	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	7	
TIMU0264	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	1	35	
TIMU0265	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	14	89	
TIMU0270	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0272	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-08/30/73	0	2	
TIMU0278	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0279	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	7	26	
TIMU0286	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/22/86-09/29/97	11	25	
TIMU0289	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/73-08/01/74	1	35	
TIMU0297	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/80-09/20/83	3	7	
TIMU0303	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	29	
TIMU0315	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	25	180	
TIMU0316	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/73-07/11/73	0	1	
TIMU0323	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0324	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0325	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/70-09/23/77	7	504	
TIMU0327	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/21/77-09/21/77	0	1	
TIMU0352	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	1	33	
TIMU0353	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	30	
TIMU0355	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	7	21	
TIMU0361	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	14	88	
TIMU0363	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	14	21	
TIMU0364	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-09/20/83	11	12	
TIMU0365	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/20/72	0	7	
TIMU0366	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/24/84-01/14/85	0	7	
TIMU0367	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	14	87	
TIMU0370	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0371	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	37	
TIMU0377	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/73-09/20/83	10	63	
TIMU0378	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/20/83-10/23/86	3	45	
TIMU0380	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/95-10/16/95	0	2	
TIMU0381	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	14	86	
TIMU0383	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/95-10/16/95	0	2	
TIMU0387	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	14	21	
TIMU0390	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/02/97-11/20/97	0	3	
TIMU0394	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/22/86-07/20/87	0	17	
TIMU0395	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	9	72	
TIMU0399	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	1	33	
TIMU0401	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/61-11/16/87	26	37	
TIMU0402	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/86-08/19/91	5	53	
TIMU0407	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-11/02/76	4	9	
TIMU0416	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	58	
TIMU0417	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/13/92-02/10/92	0	5	
TIMU0418	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/78-05/18/83	4	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0419	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	32	
TIMU0421	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/86-10/23/86	0	7	
TIMU0425	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	56	
TIMU0429	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	6	26	
TIMU0433	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	6	26	
TIMU0435	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/98-09/02/98	0	3	
TIMU0441	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	0	1	
TIMU0442	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	0	1	
TIMU0445	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	0	1	
TIMU0001	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-09/20/83	0	3	
TIMU0009	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/24/86-11/30/87	1	16	
TIMU0011	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/24/86-11/30/87	1	16	
TIMU0045	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-11/30/87	4	18	
TIMU0068	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/09/83-04/22/91	8	16	
TIMU0074	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-09/20/83	0	3	
TIMU0077	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/09/83-10/10/94	11	50	
TIMU0083	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/09/83-04/22/91	8	16	
TIMU0088	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/09/83-04/22/91	8	16	
TIMU0113	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	7	
TIMU0114	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/24/79-07/27/98	19	155	
TIMU0120	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/09/83-10/10/94	11	48	
TIMU0122	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	7	
TIMU0123	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	7	
TIMU0125	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-10/05/94	9	40	
TIMU0134	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	7	
TIMU0137	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-10/10/94	9	39	
TIMU0138	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	7	
TIMU0139	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/07/80-02/10/98	17	46	
TIMU0146	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/24/86-11/30/87	1	16	
TIMU0149	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	8	
TIMU0154	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/02/83-10/05/94	11	42	
TIMU0155	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/08/84-04/08/91	6	7	
TIMU0156	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/02/83-04/08/91	7	9	
TIMU0159	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/26/84-04/15/91	6	7	
TIMU0163	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/10/79-04/09/91	11	10	
TIMU0165	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/07/80-05/07/98	18	123	
TIMU0168	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/08/84-04/08/91	6	7	
TIMU0170	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/02/83-04/08/91	7	8	
TIMU0191	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/20/86-05/10/88	1	32	
TIMU0208	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/25/98-03/25/98	0	1	
TIMU0225	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/18/83-05/18/83	0	1	
TIMU0261	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-09/20/83	0	3	
TIMU0264	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/20/86-05/10/88	1	34	
TIMU0286	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/24/86-11/07/89	3	18	
TIMU0297	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-09/20/83	0	3	
TIMU0315	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-02/04/98	15	164	
TIMU0352	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/20/86-05/10/88	1	32	
TIMU0363	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/20/86-07/20/87	0	15	
TIMU0364	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-09/20/83	0	3	
TIMU0366	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/24/84-01/14/85	0	4	
TIMU0377	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/83-09/20/83	0	3	
TIMU0380	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/16/95-10/16/95	0	2	
TIMU0383	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/16/95-10/16/95	0	2	
TIMU0387	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/20/86-07/20/87	0	13	
TIMU0394	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/22/86-07/20/87	0	14	
TIMU0399	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/20/86-05/10/88	1	32	
TIMU0401	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/18/83-11/16/87	4	2	
TIMU0418	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/18/83-05/18/83	0	1	
TIMU0435	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/02/98-09/02/98	0	2	
TIMU0328	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/22/93-04/20/94	0	3	
TIMU0402	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/19/91-08/19/91	0	2	
TIMU0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	0	1	
TIMU0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/82-08/09/82	0	1	
TIMU0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-07/20/72	0	66	
TIMU0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-06/26/78	5	13	
TIMU0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	0	15	
TIMU0009	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	1	5	
TIMU0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	59	
TIMU0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	1	5	
TIMU0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	55	
TIMU0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	14	63	
TIMU0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	0	15	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	0	15	
TIMU0026	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	6	
TIMU0028	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	11	
TIMU0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-08/21/90	5	24	
TIMU0035	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	25	
TIMU0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	12	
TIMU0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	6	
TIMU0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-11/15/71	0	2	
TIMU0040	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	13	
TIMU0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-11/15/71	0	2	
TIMU0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-11/30/87	4	6	
TIMU0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/19/96	0	14	
TIMU0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/05/95-09/29/96	0	9	
TIMU0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/97-04/22/98	1	6	
TIMU0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/86-10/10/86	0	1	
TIMU0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/06/85-01/15/86	0	2	
TIMU0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/07/90	5	20	
TIMU0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/07/90	5	18	
TIMU0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	7	
TIMU0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-04/22/91	19	23	
TIMU0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	0	1	
TIMU0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-11/15/71	0	2	
TIMU0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/71-10/10/94	22	33	
TIMU0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/83-03/25/91	7	45	
TIMU0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/86-08/06/86	0	1	
TIMU0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	7	
TIMU0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/72-04/22/91	18	21	
TIMU0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/95-06/13/96	1	12	
TIMU0086	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/95-10/19/96	1	12	
TIMU0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/72-04/22/91	18	22	
TIMU0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	10	
TIMU0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/88-01/02/88	0	1	
TIMU0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/17/90	6	34	
TIMU0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	26	
TIMU0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	0	5	
TIMU0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-07/20/72	0	9	
TIMU0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	12	
TIMU0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/07/90	5	40	
TIMU0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-07/27/98	21	68	
TIMU0117	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/98-06/02/98	0	5	
TIMU0118	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	0	12	
TIMU0119	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/65-12/07/65	0	31	
TIMU0120	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-10/10/94	23	34	
TIMU0122	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	13	11	
TIMU0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	12	5	
TIMU0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	14	65	
TIMU0125	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	16	17	
TIMU0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	13	
TIMU0128	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	31	
TIMU0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-01/15/86	0	1	
TIMU0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	2	13	
TIMU0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/84-12/15/98	14	64	
TIMU0134	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	12	5	
TIMU0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-02/18/98	0	20	
TIMU0136	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	29	
TIMU0137	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-10/10/94	17	22	
TIMU0138	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	13	11	
TIMU0139	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-10/05/94	17	29	
TIMU0140	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	40	
TIMU0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	58	
TIMU0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/30/85-12/15/98	12	52	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	12	5	
TIMU0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	0	12	
TIMU0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	1	
TIMU0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	0	12	
TIMU0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	0	12	
TIMU0154	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	16	19	
TIMU0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	12	8	
TIMU0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	12	8	
TIMU0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	0	4	
TIMU0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	12	5	
TIMU0161	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	28	
TIMU0162	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-11/02/92	0	3	
TIMU0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	12	9	
TIMU0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/93-08/11/93	0	3	
TIMU0165	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	28	149	
TIMU0166	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	25	
TIMU0167	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/90-03/05/91	0	3	
TIMU0168	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	12	9	
TIMU0169	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/10/79	0	2	
TIMU0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	12	9	
TIMU0177	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/93-09/08/93	0	4	
TIMU0178	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/97-06/30/98	1	26330	
TIMU0179	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/97-02/18/98	0	5	
TIMU0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	25	
TIMU0185	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	40	
TIMU0186	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	25	
TIMU0188	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	10	122	
TIMU0190	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/94-12/18/96	2	107	
TIMU0191	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-04/20/87	14	47	
TIMU0192	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	30	
TIMU0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	0	4	
TIMU0195	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-10/23/86	3	43	
TIMU0196	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/25/91	7	45	
TIMU0197	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	22	
TIMU0200	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/91-03/05/91	0	1	
TIMU0203	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/08/84	0	4	
TIMU0204	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-12/16/83	0	2	
TIMU0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	16	
TIMU0206	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-05/02/77	0	1	
TIMU0210	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/83-03/06/84	0	2	
TIMU0213	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/07/97-06/30/98	1	23519	
TIMU0215	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/84-11/04/86	2	12	
TIMU0219	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-05/02/77	0	1	
TIMU0224	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	0	4	
TIMU0225	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/78-05/18/83	4	4	
TIMU0226	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	14	61	
TIMU0230	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	58	
TIMU0231	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	27	
TIMU0237	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	0	4	
TIMU0239	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/83-12/16/83	0	1	
TIMU0240	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/08/84	0	4	
TIMU0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	14	62	
TIMU0242	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-11/10/92	0	3	
TIMU0244	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0246	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	0	2	
TIMU0248	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0249	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	0	4	
TIMU0250	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0252	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	0	1	
TIMU0253	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	0	4	
TIMU0255	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0256	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	59	
TIMU0258	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/73-06/01/74	0	23	
TIMU0259	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0260	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	0	1	
TIMU0261	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0262	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	0	1	
TIMU0263	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/86-02/12/90	3	41	
TIMU0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/86-04/20/87	0	3	
TIMU0265	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	14	62	
TIMU0266	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0267	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	0	4	
TIMU0273	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/85-01/15/91	5	39	
TIMU0274	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0276	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	7	25	
TIMU0278	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	33	
TIMU0279	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	5	
TIMU0280	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0281	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0282	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	57	
TIMU0284	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	1	5	
TIMU0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0289	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-08/01/74	1	35	
TIMU0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	0	1	
TIMU0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0299	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	0	1	
TIMU0301	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0302	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	0	15	
TIMU0303	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	2	
TIMU0304	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	7	29	
TIMU0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0311	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0312	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0313	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0314	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-03/08/84	0	3	
TIMU0315	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-02/04/98	25	66	
TIMU0316	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/73-07/11/73	0	1	
TIMU0317	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-11/21/83	0	1	
TIMU0321	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	0	1	
TIMU0322	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	0	1	
TIMU0323	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	33	
TIMU0325	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/70-12/31/70	0	503	
TIMU0328	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/79-04/20/94	14	51	
TIMU0330	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0331	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0333	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-03/21/73	0	4	
TIMU0335	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	0	1	
TIMU0339	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	0	2	
TIMU0340	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-03/21/73	0	4	
TIMU0343	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	10	121	
TIMU0344	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0347	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	0	17	
TIMU0350	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	7	29	
TIMU0351	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-02/12/90	3	45	
TIMU0352	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/86-04/13/87	0	3	
TIMU0353	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	2	
TIMU0354	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	7	20	
TIMU0355	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	2	
TIMU0360	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0361	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	14	63	
TIMU0362	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/86-07/16/90	4	8	
TIMU0363	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/72-04/13/87	14	6	
TIMU0364	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/72-09/20/83	11	3	
TIMU0365	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-07/20/72	0	3	
TIMU0366	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/85-01/14/85	0	1	
TIMU0367	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	14	62	
TIMU0368	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-11/21/83	0	1	
TIMU0369	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-03/08/84	0	3	
TIMU0370	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	32	
TIMU0371	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	5	
TIMU0372	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/93-07/01/94	1	8	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0373	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	0	2	
TIMU0375	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	7	30	
TIMU0376	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	61	
TIMU0377	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/73-09/20/83	10	45	
TIMU0378	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/05/83-10/23/86	2	39	
TIMU0380	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/95-10/16/95	0	1	
TIMU0381	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	14	62	
TIMU0383	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/95-10/16/95	0	1	
TIMU0384	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/06/66	0	11	
TIMU0386	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/16/65-08/30/68	3	19	
TIMU0387	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/72-02/17/87	14	7	
TIMU0388	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/93-07/01/94	1	8	
TIMU0390	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/97-11/20/97	0	3	
TIMU0391	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-07/15/91	5	20	
TIMU0392	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/19/77-04/06/81	4	9	
TIMU0394	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/86-04/13/87	0	4	
TIMU0395	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	9	65	
TIMU0396	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-11/04/86	3	23	
TIMU0397	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	60	
TIMU0399	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/86-04/13/87	0	3	
TIMU0401	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/61-11/16/87	26	15	
TIMU0402	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	12	130	
TIMU0405	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/95-12/30/98	3	38	
TIMU0407	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-11/02/76	4	7	
TIMU0408	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	10	110	
TIMU0410	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/94-12/18/96	2	100	
TIMU0411	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	0	17	
TIMU0416	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	41	
TIMU0418	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/78-05/18/83	4	4	
TIMU0419	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	0	5	
TIMU0420	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	7	30	
TIMU0421	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/83-10/23/86	3	30	
TIMU0424	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-11/09/92	0	3	
TIMU0425	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	1	42	
TIMU0426	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-11/09/92	9	36	
TIMU0430	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-03/05/91	6	27	
TIMU0432	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-03/05/91	6	26	
TIMU0434	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	0	4	
TIMU0435	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/98-09/02/98	0	1	
TIMU0437	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/95-07/21/98	3	34	
TIMU0438	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-09/09/85	2	18	
TIMU0441	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/75-03/20/75	0	1	
TIMU0442	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/75-03/20/75	0	1	
TIMU0445	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/75-03/20/75	0	1	
TIMU0010	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	16	
TIMU0014	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	13	
TIMU0035	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	8	
TIMU0047	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/28/95-10/19/96	0	15	
TIMU0050	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/03/95-09/29/96	0	7	
TIMU0062	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/90-11/07/90	0	1	
TIMU0065	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-11/07/90	1	3	
TIMU0078	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-03/25/91	2	7	
TIMU0085	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/21/95-06/13/96	1	12	
TIMU0086	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/22/95-10/19/96	1	12	
TIMU0098	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-11/17/90	1	3	
TIMU0102	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	8	
TIMU0110	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-11/07/90	1	6	
TIMU0117	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/98-04/22/98	0	1	
TIMU0128	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	8	
TIMU0135	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-02/18/98	0	5	
TIMU0136	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	1	4	
TIMU0141	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	8	
TIMU0142	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	15	
TIMU0161	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/05/91	2	5	
TIMU0164	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/11/93-08/11/93	0	1	
TIMU0166	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-10/23/90	1	2	
TIMU0177	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/08/93-09/08/93	0	3	
TIMU0183	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/90-03/05/91	0	2	
TIMU0185	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/06/91	2	3	
TIMU0188	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/18/96	1	34	
TIMU0190	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/94-11/28/95	1	5	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0192	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0195	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-10/23/86	3	21	
TIMU0196	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-03/25/91	2	6	
TIMU0198	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/06/91	2	2	
TIMU0205	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	6	
TIMU0230	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	15	
TIMU0231	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	17	
TIMU0232	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	6	
TIMU0256	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	16	
TIMU0273	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/89-01/15/91	1	8	
TIMU0276	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/06/91	2	3	
TIMU0278	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0282	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	14	
TIMU0306	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/05/91	2	4	
TIMU0323	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0343	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	17	
TIMU0350	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/05/91	2	3	
TIMU0354	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/06/91-03/06/91	0	1	
TIMU0370	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0372	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/08/93-07/08/93	0	1	
TIMU0375	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	1	4	
TIMU0376	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	16	
TIMU0378	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/05/83-10/23/86	2	24	
TIMU0388	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/08/93-08/24/93	0	2	
TIMU0397	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	17	
TIMU0402	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-03/20/95	12	87	
TIMU0405	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/07/95-12/30/98	3	37	
TIMU0408	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	1	19	
TIMU0410	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/94-12/18/96	2	19	
TIMU0416	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0420	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	1	4	
TIMU0421	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/83-10/23/86	3	16	
TIMU0425	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	1	7	
TIMU0426	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-10/23/86	3	16	
TIMU0430	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	1	4	
TIMU0432	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	1	4	
TIMU0437	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/07/95-07/21/98	3	33	
TIMU0438	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-03/05/85	2	8	
TIMU0001	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/17/83-09/20/83	0	2	
TIMU0006	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/19/77-06/26/78	0	5	
TIMU0007	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/14/77-02/14/77	0	1	
TIMU0009	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/24/86-11/30/87	1	16	
TIMU0011	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/24/86-11/30/87	1	16	
TIMU0012	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/20/76-10/20/76	0	1	
TIMU0026	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	6	
TIMU0037	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	6	
TIMU0038	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/14/76-10/14/76	0	1	
TIMU0044	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/14/76-10/14/76	0	1	
TIMU0045	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/17/83-11/30/87	4	17	
TIMU0053	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	3	
TIMU0068	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/76-04/22/91	14	22	
TIMU0074	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/21/80-09/20/83	3	5	
TIMU0075	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/14/76-10/14/76	0	1	
TIMU0077	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/76-10/10/94	18	56	
TIMU0083	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/76-04/22/91	14	22	
TIMU0088	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/76-04/22/91	14	22	
TIMU0101	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-05/15/78	0	2	
TIMU0103	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-05/19/77	0	5	
TIMU0113	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/15/91	12	11	
TIMU0114	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-07/27/98	21	167	
TIMU0120	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/76-03/13/96	19	55	
TIMU0122	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-04/15/91	13	15	
TIMU0123	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/15/91	12	10	
TIMU0125	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-10/05/94	16	43	
TIMU0134	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/15/91	12	11	
TIMU0137	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-10/10/94	17	47	
TIMU0138	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/77-04/15/91	13	16	
TIMU0139	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/02/77-02/10/98	20	63	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0144	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/29/76-10/29/76	0	1	
TIMU0145	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/10/79	0	4	
TIMU0146	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/24/86-11/30/87	1	16	
TIMU0147	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/08/76-12/08/76	0	1	
TIMU0148	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/20/76-10/20/76	0	1	
TIMU0149	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/15/91	12	11	
TIMU0154	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-10/05/94	16	50	
TIMU0155	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/08/91	12	13	
TIMU0156	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/08/91	12	13	
TIMU0158	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/16/76-12/16/76	0	1	
TIMU0159	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/15/91	12	10	
TIMU0163	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/09/91	12	16	
TIMU0165	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/08/73-05/07/98	24	224	
TIMU0168	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/08/91	12	14	
TIMU0169	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/10/79	0	4	
TIMU0170	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/78-04/08/91	12	15	
TIMU0174	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/29/76-10/29/76	0	1	
TIMU0191	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/09/73-05/10/88	14	64	
TIMU0194	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/82-10/23/86	3	46	
TIMU0199	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/02/76-11/02/76	0	1	
TIMU0202	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/04/84-12/04/84	0	1	
TIMU0203	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	6	
TIMU0204	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	5	
TIMU0206	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/01/76-11/01/76	0	1	
TIMU0208	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/25/98-03/25/98	0	1	
TIMU0210	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/18/83-05/23/84	0	6	
TIMU0211	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/26/83-04/19/84	0	9	
TIMU0219	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/28/76-12/28/76	0	1	
TIMU0220	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/18/76-11/18/76	0	1	
TIMU0225	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/12/78-05/18/83	4	5	
TIMU0228	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/28/76-12/28/76	0	1	
TIMU0239	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	4	
TIMU0240	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	6	
TIMU0245	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/17/76-11/17/76	0	1	
TIMU0261	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/17/83-09/20/83	0	2	
TIMU0264	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/86-05/10/88	1	34	
TIMU0277	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/07/84-06/17/86	2	14	
TIMU0286	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/24/86-11/07/89	3	18	
TIMU0297	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/17/83-09/20/83	0	2	
TIMU0314	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	6	
TIMU0315	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/21/80-02/04/98	17	167	
TIMU0317	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	4	
TIMU0319	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/05/83-09/09/84	1	15	
TIMU0320	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/26/83-09/09/84	1	3	
TIMU0325	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/23/77-09/23/77	0	1	
TIMU0327	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/21/77-09/21/77	0	1	
TIMU0328	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/13/76-07/20/95	18	56	
TIMU0348	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/82-02/19/86	3	29	
TIMU0352	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/86-05/10/88	1	32	
TIMU0357	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/11/84-06/11/84	0	1	
TIMU0358	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/11/84-07/27/84	0	3	
TIMU0363	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/02/76-07/20/87	10	16	
TIMU0364	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/21/80-09/20/83	3	5	
TIMU0366	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/24/84-01/14/85	0	4	
TIMU0368	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	4	
TIMU0369	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/20/83-03/08/84	0	6	
TIMU0377	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/16/73-09/20/83	10	48	
TIMU0379	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/20/83-10/23/86	3	45	
TIMU0380	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/16/95-10/16/95	0	2	
TIMU0383	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/16/95-10/16/95	0	2	
TIMU0387	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/02/76-07/20/87	10	16	
TIMU0394	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/22/86-07/20/87	0	14	
TIMU0395	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/19/77-12/19/77	0	1	
TIMU0399	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/86-05/10/88	1	32	
TIMU0401	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/18/76-11/16/87	11	20	
TIMU0403	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/82-11/13/88	5	105	
TIMU0404	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/04/84-12/04/84	0	1	
TIMU0407	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/02/76-11/02/76	0	1	
TIMU0413	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/18/76-11/18/76	0	1	
TIMU0418	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/12/78-05/18/83	4	5	
TIMU0422	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/02/83-10/23/86	3	34	
TIMU0427	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/82-10/23/86	3	39	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0435	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/02/98-09/02/98	0	3	
TIMU0436	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/01/82-09/09/85	2	23	
TIMU0439	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/04/76-10/04/76	0	1	
TIMU0440	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/04/76-10/04/76	0	1	
TIMU0001	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/17/83-09/20/83	0	2	
TIMU0009	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/24/86-11/30/87	1	16	
TIMU0011	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/24/86-11/30/87	1	16	
TIMU0045	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/17/83-11/30/87	4	17	
TIMU0068	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/76-04/22/91	14	20	
TIMU0074	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/21/80-09/20/83	3	5	
TIMU0077	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/76-10/10/94	18	54	
TIMU0083	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/76-04/22/91	14	20	
TIMU0088	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/76-04/22/91	14	21	
TIMU0101	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-05/15/78	0	1	
TIMU0113	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/15/91	12	10	
TIMU0114	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/24/79-07/27/98	19	156	
TIMU0120	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/16/76-03/13/96	19	53	
TIMU0122	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/24/79-04/15/91	11	8	
TIMU0123	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/15/91	12	9	
TIMU0125	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-10/05/94	16	42	
TIMU0134	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/15/91	12	10	
TIMU0137	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/24/79-10/10/94	15	40	
TIMU0138	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/05/78-04/15/91	13	9	
TIMU0139	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/02/77-02/10/98	20	61	
TIMU0145	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/10/79	0	3	
TIMU0146	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/24/86-11/30/87	1	16	
TIMU0149	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/15/91	12	10	
TIMU0154	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-10/05/94	16	49	
TIMU0155	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/08/91	12	12	
TIMU0156	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/08/91	12	12	
TIMU0159	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/15/91	12	9	
TIMU0163	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/09/91	12	15	
TIMU0165	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/25/76-05/07/98	21	180	
TIMU0168	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/10/79-04/08/91	11	13	
TIMU0169	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/10/79	0	3	
TIMU0170	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/78-04/08/91	12	14	
TIMU0191	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/86-05/10/88	1	32	
TIMU0194	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/82-10/23/86	3	46	
TIMU0202	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/04/84-12/04/84	0	1	
TIMU0203	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	6	
TIMU0204	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	5	
TIMU0208	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/25/98-03/25/98	0	1	
TIMU0210	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/18/83-05/23/84	0	6	
TIMU0211	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/26/83-04/19/84	0	9	
TIMU0225	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/79-05/18/83	4	4	
TIMU0239	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	4	
TIMU0240	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	6	
TIMU0261	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/17/83-09/20/83	0	2	
TIMU0264	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/86-05/10/88	1	34	
TIMU0277	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/07/84-06/17/86	2	14	
TIMU0286	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/24/86-11/07/89	3	18	
TIMU0297	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/17/83-09/20/83	0	2	
TIMU0314	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	6	
TIMU0315	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/21/80-02/04/98	17	167	
TIMU0317	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	4	
TIMU0319	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/05/83-09/09/84	1	15	
TIMU0320	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/26/83-09/09/84	1	3	
TIMU0325	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/23/77-09/23/77	0	1	
TIMU0327	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/21/77-09/21/77	0	1	
TIMU0328	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/01/78-07/20/95	16	55	
TIMU0348	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/82-02/19/86	3	29	
TIMU0352	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/86-05/10/88	1	32	
TIMU0357	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/11/84-06/11/84	0	1	
TIMU0358	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/11/84-07/27/84	0	3	
TIMU0363	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/86-07/20/87	0	15	
TIMU0364	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/21/80-09/20/83	3	5	
TIMU0366	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/24/84-01/14/85	0	4	
TIMU0368	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	4	
TIMU0369	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/20/83-03/08/84	0	6	
TIMU0377	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/21/80-09/20/83	3	5	
TIMU0379	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/20/83-10/23/86	3	45	
TIMU0380	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/16/95-10/16/95	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0383	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/16/95-10/16/95	0	2	
TIMU0387	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/86-07/20/87	0	13	
TIMU0392	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/09/79-04/06/81	2	5	
TIMU0394	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/22/86-07/20/87	0	14	
TIMU0399	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/86-05/10/88	1	32	
TIMU0401	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/04/77-11/16/87	10	14	
TIMU0403	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/82-11/13/88	5	105	
TIMU0404	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/04/84-12/04/84	0	1	
TIMU0418	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/79-05/18/83	4	4	
TIMU0422	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/02/83-10/23/86	3	34	
TIMU0427	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/82-10/23/86	3	39	
TIMU0435	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/02/98-09/02/98	0	3	
TIMU0436	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/01/82-09/09/85	2	23	
TIMU0153	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	12/08/65-12/08/65	0	1	
TIMU0010	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	56	
TIMU0014	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	55	
TIMU0035	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	8	
TIMU0047	No	00032	CLOUD COVER (PERCENT)	12/28/95-10/19/96	0	14	
TIMU0050	No	00032	CLOUD COVER (PERCENT)	11/05/95-09/29/96	0	9	
TIMU0062	Yes	00032	CLOUD COVER (PERCENT)	03/26/90-11/07/90	0	2	
TIMU0065	Yes	00032	CLOUD COVER (PERCENT)	03/07/89-11/07/90	1	4	
TIMU0078	No	00032	CLOUD COVER (PERCENT)	05/16/89-03/25/91	1	5	
TIMU0085	Yes	00032	CLOUD COVER (PERCENT)	05/21/95-06/13/96	1	12	
TIMU0086	No	00032	CLOUD COVER (PERCENT)	05/22/95-10/19/96	1	12	
TIMU0098	Yes	00032	CLOUD COVER (PERCENT)	06/18/90-11/17/90	0	2	
TIMU0102	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	8	
TIMU0110	Yes	00032	CLOUD COVER (PERCENT)	01/24/89-11/07/90	1	5	
TIMU0117	Yes	00032	CLOUD COVER (PERCENT)	04/22/98-04/22/98	0	1	
TIMU0128	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	8	
TIMU0135	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-02/18/98	0	5	
TIMU0136	Yes	00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	1	4	
TIMU0141	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	8	
TIMU0142	Yes	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	56	
TIMU0161	Yes	00032	CLOUD COVER (PERCENT)	02/14/89-10/23/90	1	4	
TIMU0166	No	00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	1	3	
TIMU0183	No	00032	CLOUD COVER (PERCENT)	10/23/90-03/05/91	0	2	
TIMU0185	No	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00032	CLOUD COVER (PERCENT)	02/14/89-03/06/91	2	4	
TIMU0188	Yes	00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	5	76	
TIMU0190	Yes	00032	CLOUD COVER (PERCENT)	01/11/94-01/02/96	1	6	
TIMU0192	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0195	Yes	00032	CLOUD COVER (PERCENT)	12/01/82-10/23/86	3	28	
TIMU0196	Yes	00032	CLOUD COVER (PERCENT)	03/07/89-03/25/91	2	6	
TIMU0198	Yes	00032	CLOUD COVER (PERCENT)	02/14/89-03/06/91	2	4	
TIMU0205	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	6	
TIMU0230	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	56	
TIMU0231	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	59	
TIMU0232	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	6	
TIMU0256	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	57	
TIMU0273	No	00032	CLOUD COVER (PERCENT)	03/14/89-01/15/91	1	3	
TIMU0276	Yes	00032	CLOUD COVER (PERCENT)	02/14/89-03/06/91	2	3	
TIMU0278	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0282	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	57	
TIMU0306	No	00032	CLOUD COVER (PERCENT)	02/14/89-03/05/91	2	4	
TIMU0323	No	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0343	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	58	
TIMU0350	No	00032	CLOUD COVER (PERCENT)	02/14/89-03/05/91	2	4	
TIMU0354	Yes	00032	CLOUD COVER (PERCENT)	03/06/91-03/06/91	0	1	
TIMU0370	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0375	Yes	00032	CLOUD COVER (PERCENT)	05/15/90-03/05/91	0	3	
TIMU0376	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	58	
TIMU0378	No	00032	CLOUD COVER (PERCENT)	09/20/83-10/23/86	3	34	
TIMU0397	No	00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	58	
TIMU0402	No	00032	CLOUD COVER (PERCENT)	12/01/82-04/09/91	8	91	
TIMU0405	Yes	00032	CLOUD COVER (PERCENT)	12/30/98-12/30/98	0	2	
TIMU0408	No	00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	5	60	
TIMU0410	No	00032	CLOUD COVER (PERCENT)	01/11/94-12/18/96	2	16	
TIMU0416	Yes	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0420	No	00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	1	4	
TIMU0421	No	00032	CLOUD COVER (PERCENT)	03/02/83-10/23/86	3	23	
TIMU0425	No	00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	1	7	
TIMU0426	No	00032	CLOUD COVER (PERCENT)	12/01/82-10/23/86	3	24	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0430	Yes	00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	1	4	
TIMU0432	No	00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	1	4	
TIMU0438	No	00032	CLOUD COVER (PERCENT)	12/01/82-09/09/85	2	13	
TIMU0035	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	8	
TIMU0062	Yes	00035	WIND VELOCITY (MILES PER HOUR)	11/07/90-11/07/90	0	1	
TIMU0065	Yes	00035	WIND VELOCITY (MILES PER HOUR)	11/07/90-11/07/90	0	1	
TIMU0078	No	00035	WIND VELOCITY (MILES PER HOUR)	03/07/89-03/25/91	2	6	
TIMU0098	Yes	00035	WIND VELOCITY (MILES PER HOUR)	03/07/89-11/17/90	1	3	
TIMU0102	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	8	
TIMU0110	Yes	00035	WIND VELOCITY (MILES PER HOUR)	01/24/89-11/07/90	1	5	
TIMU0117	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/22/98-04/22/98	0	1	
TIMU0128	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	8	
TIMU0135	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-02/18/98	0	5	
TIMU0136	Yes	00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	1	4	
TIMU0141	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	8	
TIMU0161	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/14/89-03/05/91	2	5	
TIMU0166	No	00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	1	3	
TIMU0183	No	00035	WIND VELOCITY (MILES PER HOUR)	10/23/90-10/23/90	0	1	
TIMU0185	No	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00035	WIND VELOCITY (MILES PER HOUR)	07/19/89-03/06/91	1	2	
TIMU0190	Yes	00035	WIND VELOCITY (MILES PER HOUR)	01/11/94-11/28/95	1	5	
TIMU0192	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0195	Yes	00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-10/23/86	3	25	
TIMU0196	Yes	00035	WIND VELOCITY (MILES PER HOUR)	03/07/89-03/25/91	2	6	
TIMU0198	Yes	00035	WIND VELOCITY (MILES PER HOUR)	07/19/89-03/06/91	1	2	
TIMU0205	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	6	
TIMU0232	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	6	
TIMU0273	No	00035	WIND VELOCITY (MILES PER HOUR)	03/14/89-01/15/91	1	8	
TIMU0276	Yes	00035	WIND VELOCITY (MILES PER HOUR)	03/06/91-03/06/91	0	1	
TIMU0278	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0306	No	00035	WIND VELOCITY (MILES PER HOUR)	02/14/89-03/05/91	2	4	
TIMU0323	No	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0350	No	00035	WIND VELOCITY (MILES PER HOUR)	02/14/89-03/05/91	2	4	
TIMU0354	Yes	00035	WIND VELOCITY (MILES PER HOUR)	03/06/91-03/06/91	0	1	
TIMU0370	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0375	Yes	00035	WIND VELOCITY (MILES PER HOUR)	05/15/90-03/05/91	0	3	
TIMU0378	No	00035	WIND VELOCITY (MILES PER HOUR)	09/20/83-10/23/86	3	30	
TIMU0402	No	00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-04/09/91	8	84	
TIMU0405	Yes	00035	WIND VELOCITY (MILES PER HOUR)	12/30/98-12/30/98	0	2	
TIMU0410	No	00035	WIND VELOCITY (MILES PER HOUR)	01/11/94-01/02/96	1	6	
TIMU0416	Yes	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0420	No	00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	1	4	
TIMU0421	No	00035	WIND VELOCITY (MILES PER HOUR)	03/02/83-10/23/86	3	20	
TIMU0425	No	00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	1	7	
TIMU0426	No	00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-10/23/86	3	20	
TIMU0430	Yes	00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	1	4	
TIMU0432	No	00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	1	4	
TIMU0438	No	00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-07/09/85	2	10	
TIMU0035	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	8	
TIMU0062	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/07/90-11/07/90	0	1	
TIMU0065	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/07/90-11/07/90	0	1	
TIMU0078	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/07/89-03/25/91	2	8	
TIMU0098	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/07/89-11/17/90	1	4	
TIMU0102	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	8	
TIMU0110	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/24/89-11/07/90	1	6	
TIMU0117	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/22/98-04/22/98	0	1	
TIMU0128	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	8	
TIMU0135	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-02/18/98	0	5	
TIMU0136	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/26/89-03/05/91	1	4	
TIMU0141	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	8	
TIMU0161	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/14/89-03/05/91	2	5	
TIMU0166	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/26/89-03/05/91	1	3	
TIMU0183	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10/23/90-03/05/91	0	2	
TIMU0185	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/19/89-03/06/91	1	2	
TIMU0190	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/11/94-11/28/95	1	5	
TIMU0192	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0195	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/01/82-10/23/86	3	23	
TIMU0196	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/07/89-03/25/91	2	6	
TIMU0198	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/19/89-03/06/91	1	2	
TIMU0205	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	6	
TIMU0232	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	6	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0273	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/14/89-01/15/91	1	8	
TIMU0276	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	05/15/90-03/06/91	0	2	
TIMU0278	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0306	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/14/89-03/05/91	2	4	
TIMU0323	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0350	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/14/89-03/05/91	2	4	
TIMU0354	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/06/91-03/06/91	0	1	
TIMU0370	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0375	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	05/15/90-03/05/91	0	3	
TIMU0378	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	09/20/83-10/23/86	3	28	
TIMU0402	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/01/82-04/09/91	8	80	
TIMU0405	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/30/98-12/30/98	0	2	
TIMU0410	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/11/94-01/02/96	1	6	
TIMU0416	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0420	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/26/89-03/05/91	1	4	
TIMU0421	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/02/83-10/23/86	3	17	
TIMU0425	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/19/97-04/22/98	1	7	
TIMU0426	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/01/82-10/23/86	3	18	
TIMU0430	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/26/89-03/05/91	1	4	
TIMU0432	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/26/89-03/05/91	1	4	
TIMU0438	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/01/82-07/09/85	2	8	
TIMU0195	Yes	00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-10/23/86	3	27	
TIMU0378	No	00039	SAMPLE LENGTH IN MILLIMETERS	12/05/83-10/23/86	2	33	
TIMU0402	No	00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-06/12/91	8	91	
TIMU0421	No	00039	SAMPLE LENGTH IN MILLIMETERS	03/02/83-10/23/86	3	22	
TIMU0426	No	00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-10/23/86	3	23	
TIMU0438	No	00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-09/09/85	2	12	
TIMU0157	No	00041	WEATHER (WMO CODE 4501)	05/19/92-11/02/92	0	2	
TIMU0162	Yes	00041	WEATHER (WMO CODE 4501)	11/02/92-11/02/92	0	1	
TIMU0164	Yes	00041	WEATHER (WMO CODE 4501)	08/11/93-08/11/93	0	1	
TIMU0177	Yes	00041	WEATHER (WMO CODE 4501)	07/08/93-09/08/93	0	3	
TIMU0193	Yes	00041	WEATHER (WMO CODE 4501)	11/02/92-11/02/92	0	1	
TIMU0195	Yes	00041	WEATHER (WMO CODE 4501)	12/01/82-10/23/86	3	28	
TIMU0242	No	00041	WEATHER (WMO CODE 4501)	05/19/92-01/18/93	0	3	
TIMU0243	Yes	00041	WEATHER (WMO CODE 4501)	05/19/92-08/06/92	0	2	
TIMU0372	No	00041	WEATHER (WMO CODE 4501)	07/08/93-12/21/93	0	4	
TIMU0378	No	00041	WEATHER (WMO CODE 4501)	09/20/83-10/23/86	3	34	
TIMU0388	No	00041	WEATHER (WMO CODE 4501)	07/08/93-12/21/93	0	5	
TIMU0402	No	00041	WEATHER (WMO CODE 4501)	12/01/82-03/20/95	12	104	
TIMU0405	Yes	00041	WEATHER (WMO CODE 4501)	06/07/95-12/30/98	3	38	
TIMU0421	No	00041	WEATHER (WMO CODE 4501)	03/02/83-10/23/86	3	23	
TIMU0424	No	00041	WEATHER (WMO CODE 4501)	05/19/92-11/09/92	0	2	
TIMU0426	No	00041	WEATHER (WMO CODE 4501)	12/01/82-11/09/92	9	26	
TIMU0434	No	00041	WEATHER (WMO CODE 4501)	05/19/92-11/09/92	0	2	
TIMU0437	No	00041	WEATHER (WMO CODE 4501)	06/07/95-07/21/98	3	34	
TIMU0438	No	00041	WEATHER (WMO CODE 4501)	12/01/82-09/09/85	2	13	
TIMU0009	Yes	00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	1	5	
TIMU0011	No	00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	1	4	
TIMU0045	Yes	00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	1	4	
TIMU0053	Yes	00055	VELOCITY, STREAM FT/SEC	07/26/78-07/26/78	0	1	
TIMU0068	No	00055	VELOCITY, STREAM FT/SEC	03/09/83-04/22/91	8	7	
TIMU0077	No	00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	11	16	
TIMU0083	No	00055	VELOCITY, STREAM FT/SEC	03/09/83-04/22/91	8	7	
TIMU0088	No	00055	VELOCITY, STREAM FT/SEC	03/09/83-04/22/91	8	6	
TIMU0113	Yes	00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	6	3	
TIMU0114	Yes	00055	VELOCITY, STREAM FT/SEC	07/26/78-07/27/98	20	45	
TIMU0120	Yes	00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	11	14	
TIMU0122	Yes	00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	6	3	
TIMU0123	Yes	00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	6	3	
TIMU0125	Yes	00055	VELOCITY, STREAM FT/SEC	10/15/90-04/04/94	3	9	
TIMU0134	Yes	00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	6	3	
TIMU0137	Yes	00055	VELOCITY, STREAM FT/SEC	04/24/79-10/10/94	15	13	
TIMU0138	Yes	00055	VELOCITY, STREAM FT/SEC	07/26/78-04/15/91	12	4	
TIMU0139	No	00055	VELOCITY, STREAM FT/SEC	07/12/78-10/05/94	16	15	
TIMU0146	Yes	00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	6	3	
TIMU0154	No	00055	VELOCITY, STREAM FT/SEC	05/02/83-10/05/94	11	14	
TIMU0155	No	00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	7	5	
TIMU0156	No	00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	7	5	
TIMU0159	Yes	00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	6	3	
TIMU0163	No	00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	7	5	
TIMU0165	No	00055	VELOCITY, STREAM FT/SEC	09/17/75-05/07/98	22	47	S

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0168	No	00055	VELOCITY, STREAM FT/SEC	04/10/79-04/08/91	11	5	
TIMU0170	No	00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	7	5	
TIMU0190	Yes	00055	VELOCITY, STREAM FT/SEC	01/11/94-01/11/94	0	1	
TIMU0191	Yes	00055	VELOCITY, STREAM FT/SEC	08/20/86-04/20/87	0	4	
TIMU0225	No	00055	VELOCITY, STREAM FT/SEC	07/12/78-07/12/78	0	1	
TIMU0264	No	00055	VELOCITY, STREAM FT/SEC	10/27/86-04/20/87	0	3	
TIMU0286	No	00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	1	4	
TIMU0315	No	00055	VELOCITY, STREAM FT/SEC	08/20/86-01/28/98	11	58	
TIMU0352	No	00055	VELOCITY, STREAM FT/SEC	10/27/86-04/13/87	0	3	
TIMU0363	No	00055	VELOCITY, STREAM FT/SEC	08/20/86-02/17/87	0	2	
TIMU0366	No	00055	VELOCITY, STREAM FT/SEC	01/14/85-01/14/85	0	1	
TIMU0380	No	00055	VELOCITY, STREAM FT/SEC	10/16/95-10/16/95	0	1	
TIMU0387	No	00055	VELOCITY, STREAM FT/SEC	08/20/86-02/17/87	0	2	
TIMU0394	No	00055	VELOCITY, STREAM FT/SEC	09/22/86-09/22/86	0	1	
TIMU0399	No	00055	VELOCITY, STREAM FT/SEC	08/20/86-08/20/86	0	1	
TIMU0401	Yes	00055	VELOCITY, STREAM FT/SEC	07/12/78-11/16/87	9	2	
TIMU0405	Yes	00055	VELOCITY, STREAM FT/SEC	11/17/98-12/30/98	0	4	
TIMU0410	No	00055	VELOCITY, STREAM FT/SEC	01/11/94-01/11/94	0	1	
TIMU0418	Yes	00055	VELOCITY, STREAM FT/SEC	07/12/78-07/12/78	0	1	
TIMU0435	No	00055	VELOCITY, STREAM FT/SEC	09/02/98-09/02/98	0	1	
TIMU0386	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/19/65-11/14/66	1	11	
TIMU0165	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/29/74-06/18/75	0	3	
TIMU0210	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/83-03/06/84	0	2	
TIMU0386	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/16/65-08/30/68	3	19	
TIMU0392	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/09/79-04/06/81	2	5	
TIMU0002	No	00064	DEPTH OF STREAM, MEAN (FT)	08/09/82-08/09/82	0	1	
TIMU0026	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/21/90-08/21/90	0	1	
TIMU0037	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0046	Yes	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0053	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0055	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/21/90-08/21/90	0	1	
TIMU0058	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/21/90-08/21/90	0	1	
TIMU0060	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	3	
TIMU0064	Yes	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0095	Yes	00064	DEPTH OF STREAM, MEAN (FT)	10/24/89-08/21/90	0	3	
TIMU0103	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	5	
TIMU0114	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0115	Yes	00064	DEPTH OF STREAM, MEAN (FT)	10/24/89-08/21/90	0	3	
TIMU0122	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0137	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0138	Yes	00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	0	6	
TIMU0215	No	00064	DEPTH OF STREAM, MEAN (FT)	06/26/84-08/21/90	6	4	
TIMU0224	Yes	00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	0	4	
TIMU0237	No	00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	0	4	
TIMU0246	Yes	00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	0	4	
TIMU0249	Yes	00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	0	4	
TIMU0253	Yes	00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	0	4	
TIMU0266	No	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0267	No	00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	0	4	
TIMU0295	No	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0344	No	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0360	No	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0373	No	00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	0	2	
TIMU0210	Yes	00065	STAGE, STREAM (FEET)	08/18/83-03/06/84	0	2	
TIMU0386	No	00065	STAGE, STREAM (FEET)	02/16/65-09/04/68	3	23	
TIMU0392	No	00065	STAGE, STREAM (FEET)	03/09/79-04/06/81	2	4	
TIMU0026	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0037	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0053	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0055	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	3	
TIMU0103	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	5	
TIMU0114	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0122	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0137	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	
TIMU0138	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/17/77-05/19/77	0	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0191	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	11/01/76-06/13/77	0	4	
TIMU0245	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	11/17/76-11/17/76	0	1	
TIMU0363	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	11/02/76-11/02/76	0	1	
TIMU0377	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	11/01/76-07/13/77	0	8	
TIMU0387	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	11/02/76-11/02/76	0	1	
TIMU0407	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	11/02/76-11/02/76	0	1	
TIMU0003	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/15/97	0	6	
TIMU0181	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/16/97	0	29	
TIMU0268	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/16/97	0	10	
TIMU0409	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/16/97	0	31	
TIMU0004	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	0	3	
TIMU0006	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-12/19/77	5	4	
TIMU0038	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-11/15/71	0	2	
TIMU0044	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-11/15/71	0	2	
TIMU0068	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-04/03/74	2	10	
TIMU0075	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-11/15/71	0	2	
TIMU0077	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/15/71-04/03/74	2	9	
TIMU0083	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/72-04/03/74	1	8	
TIMU0088	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/72-04/03/74	1	4	
TIMU0107	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	0	3	
TIMU0120	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-04/03/74	2	10	
TIMU0165	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/20/72-11/18/75	3	29	
TIMU0191	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-11/14/78	6	35	
TIMU0217	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/73-08/16/73	0	1	
TIMU0218	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-05/05/72	0	1	
TIMU0222	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-05/05/72	0	1	
TIMU0223	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	0	1	
TIMU0235	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	0	1	
TIMU0269	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	0	1	
TIMU0271	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/73-08/16/73	0	1	
TIMU0288	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/73-08/16/73	0	1	
TIMU0315	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	0	4	
TIMU0316	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/11/73-07/11/73	0	1	
TIMU0333	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-03/22/73	0	2	
TIMU0340	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-03/22/73	0	4	
TIMU0363	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/72-09/26/72	0	2	
TIMU0364	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/72-08/14/72	0	2	
TIMU0365	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	0	4	
TIMU0377	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/16/73-11/14/78	5	26	
TIMU0387	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/72-09/26/72	0	2	
TIMU0392	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/19/77-04/20/77	0	2	
TIMU0395	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	9	69	
TIMU0401	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/19/62-11/08/65	3	4	
TIMU0407	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-09/26/72	0	5	
TIMU0001	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	0	1	
TIMU0009	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	1	5	
TIMU0011	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	1	5	
TIMU0026	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	6	
TIMU0030	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-12/13/83	0	4	
TIMU0033	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	5	
TIMU0037	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	6	
TIMU0045	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-11/30/87	4	6	
TIMU0049	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-12/13/83	0	4	
TIMU0053	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	3	
TIMU0068	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	13	12	
TIMU0074	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	0	1	
TIMU0077	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	16	24	
TIMU0083	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	13	12	
TIMU0088	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/73-04/22/91	18	17	
TIMU0099	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-10/27/83	0	2	
TIMU0101	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-05/15/78	0	1	
TIMU0103	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	0	5	
TIMU0112	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-07/27/98	21	69	T

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0120	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	16	24	
TIMU0122	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	13	11	
TIMU0123	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	12	5	
TIMU0137	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-10/10/94	17	23	
TIMU0138	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	13	11	
TIMU0139	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/12/77-10/05/94	16	30	
TIMU0145	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	12	5	
TIMU0154	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	16	22	
TIMU0155	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	12	8	
TIMU0156	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	12	5	
TIMU0163	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	12	9	
TIMU0165	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/08/75-05/07/98	22	94	T,S
TIMU0168	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	12	9	
TIMU0169	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/10/79	0	2	
TIMU0170	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	12	9	
TIMU0191	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/78-07/20/88	9	26	
TIMU0203	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	0	6	
TIMU0225	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/78-05/18/83	4	4	
TIMU0240	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	0	6	
TIMU0261	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	0	1	
TIMU0264	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-07/20/88	1	21	
TIMU0286	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	1	5	
TIMU0297	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	0	1	
TIMU0314	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	0	6	
TIMU0315	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-02/04/98	14	82	T
TIMU0352	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-07/20/88	1	21	
TIMU0363	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-10/22/86	0	2	
TIMU0364	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	0	1	
TIMU0366	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/14/85-01/14/85	0	1	
TIMU0369	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	0	6	
TIMU0377	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/78-09/20/83	5	5	
TIMU0387	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-10/22/86	0	2	
TIMU0392	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-04/06/81	3	7	
TIMU0394	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/22/86-04/13/87	0	4	
TIMU0399	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-07/20/88	1	21	
TIMU0401	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/76-11/16/87	11	10	
TIMU0418	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/78-05/18/83	4	4	
TIMU0435	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/02/98-09/02/98	0	1	
TIMU0165	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/17/75-09/17/75	0	1	
TIMU0191	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/77-03/14/77	0	1	
TIMU0195	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-10/23/86	3	16	
TIMU0275	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/86-06/17/86	0	1	
TIMU0377	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/77-05/02/77	0	2	
TIMU0378	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/08/85-10/23/86	1	18	
TIMU0402	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-08/30/90	7	29	
TIMU0421	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-10/23/86	3	13	
TIMU0426	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-10/23/86	3	12	
TIMU0438	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/05/84-03/05/85	0	2	
TIMU0001	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	0	1	
TIMU0002	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/09/82-08/09/82	0	1	
TIMU0009	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	1	5	
TIMU0010	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	55	
TIMU0011	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	1	5	
TIMU0014	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	54	
TIMU0026	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	0	6	
TIMU0035	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	8	
TIMU0045	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-11/30/87	4	6	
TIMU0046	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0053	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-07/26/78	1	5	
TIMU0055	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	0	3	
TIMU0064	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0068	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	13	12	
TIMU0074	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	0	1	
TIMU0077	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	16	23	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0078	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/14/91-03/25/91	0	2	
TIMU0083	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	13	12	
TIMU0088	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	13	11	
TIMU0101	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	8	
TIMU0103	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	0	5	
TIMU0113	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-07/27/98	21	69	T
TIMU0117	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/22/98-04/22/98	0	1	
TIMU0120	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	16	21	
TIMU0122	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	13	11	
TIMU0123	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	16	17	
TIMU0128	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	8	
TIMU0134	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	12	5	
TIMU0135	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-02/18/98	0	5	
TIMU0137	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-10/10/94	17	22	
TIMU0138	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	13	10	
TIMU0139	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/02/77-07/05/94	17	29	
TIMU0141	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	8	
TIMU0142	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	57	
TIMU0145	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	12	5	
TIMU0154	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	16	19	
TIMU0155	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	12	8	
TIMU0156	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	12	8	
TIMU0157	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	0	4	
TIMU0159	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	12	5	
TIMU0162	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-08/18/92	0	2	
TIMU0163	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	12	9	
TIMU0164	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/12/93-06/09/93	0	2	
TIMU0165	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	22	90	T,S
TIMU0168	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	12	8	
TIMU0169	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/10/79	0	2	
TIMU0170	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	12	9	
TIMU0177	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/12/93-09/08/93	0	4	
TIMU0183	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	
TIMU0185	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	0	1	
TIMU0188	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	5	80	
TIMU0190	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/11/94-01/02/96	1	7	
TIMU0191	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/20/87	0	4	
TIMU0192	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0193	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	0	3	
TIMU0196	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/14/91-03/25/91	0	2	
TIMU0198	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	0	1	
TIMU0205	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	6	
TIMU0224	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	0	2	
TIMU0225	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/12/78-05/18/83	4	4	
TIMU0230	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	57	
TIMU0231	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	59	
TIMU0232	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	6	
TIMU0237	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	0	2	
TIMU0242	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-11/10/92	0	3	
TIMU0246	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	0	1	
TIMU0249	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	0	2	
TIMU0253	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	0	2	
TIMU0256	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	58	
TIMU0261	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	0	1	
TIMU0264	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/20/87	0	4	
TIMU0266	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0267	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	0	2	
TIMU0273	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/15/91-01/15/91	0	1	
TIMU0276	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	0	1	
TIMU0278	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0282	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	57	
TIMU0286	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	1	5	
TIMU0295	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0297	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	0	1	
TIMU0306	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0315	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-02/04/98	14	65	T
TIMU0323	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0343	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	59	
TIMU0344	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0350	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	
TIMU0352	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/13/87	0	2	
TIMU0354	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	0	1	
TIMU0360	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0363	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/13/87	0	4	
TIMU0364	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	0	1	
TIMU0366	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/14/85-01/14/85	0	1	
TIMU0370	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0373	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	0	2	
TIMU0375	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	
TIMU0376	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	60	
TIMU0377	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	0	1	
TIMU0380	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/16/95-10/16/95	0	1	
TIMU0383	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/16/95-10/16/95	0	1	
TIMU0387	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-02/17/87	0	3	
TIMU0388	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/09/93-08/24/93	0	3	
TIMU0394	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/22/86-04/13/87	0	4	
TIMU0397	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	60	
TIMU0399	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/13/87	0	4	
TIMU0401	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/18/76-11/16/87	11	10	
TIMU0405	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/95-07/25/95	0	1	
TIMU0408	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	5	62	
TIMU0410	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/11/94-12/18/96	2	20	
TIMU0416	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0418	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/12/78-05/18/83	4	4	
TIMU0420	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	
TIMU0424	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-11/09/92	0	3	
TIMU0425	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	1	7	
TIMU0426	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-11/09/92	0	3	
TIMU0430	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	
TIMU0432	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	0	1	
TIMU0434	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	0	4	
TIMU0435	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/98-09/02/98	0	1	
TIMU0437	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/95-07/25/95	0	1	
TIMU0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/15/97	0	4	
TIMU0008	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	0	8	
TIMU0010	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-03/18/92	0	2	
TIMU0014	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	0	1	
TIMU0024	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	0	8	
TIMU0025	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	0	8	
TIMU0030	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-12/13/83	0	4	
TIMU0049	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-12/13/83	0	4	
TIMU0068	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	1	8	
TIMU0077	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	1	8	
TIMU0083	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	1	8	
TIMU0088	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	1	3	
TIMU0099	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-10/27/83	0	2	
TIMU0112	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/13/81-07/13/81	0	1	
TIMU0120	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	1	8	
TIMU0142	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	0	1	
TIMU0157	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	0	4	
TIMU0162	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-11/02/92	0	3	
TIMU0164	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/12/93-08/11/93	0	3	
TIMU0165	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/23/69-11/18/75	6	30	
TIMU0177	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/12/93-09/08/93	0	4	
TIMU0181	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/16/97	0	18	
TIMU0188	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/22/86-08/06/91	4	20	
TIMU0190	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	03/22/94-03/22/94	0	1	
TIMU0193	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	0	4	
TIMU0195	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-10/23/86	3	15	
TIMU0203	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	0	6	
TIMU0207	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/18/83-05/23/84	0	6	
TIMU0217	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	0	1	
TIMU0230	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	0	1	
TIMU0231	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0235	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	0	1	
TIMU0240	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	0	6	
TIMU0242	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-11/10/92	0	4	
TIMU0247	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	0	1	
TIMU0256	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	0	1	
TIMU0268	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/16/97	0	6	
TIMU0269	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	0	1	
TIMU0271	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	0	1	
TIMU0288	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	0	1	
TIMU0302	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	0	8	
TIMU0314	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	0	6	
TIMU0336	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	0	1	
TIMU0343	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/22/86-07/20/88	1	19	
TIMU0347	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	0	9	
TIMU0363	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/14/72-08/14/72	0	1	
TIMU0364	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/14/72-08/14/72	0	2	
TIMU0369	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	0	6	
TIMU0372	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/09/93-07/01/94	1	8	
TIMU0376	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	0	1	
TIMU0378	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/05/85-10/23/86	1	6	
TIMU0386	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/01/65-11/14/66	1	13	
TIMU0387	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/14/72-08/14/72	0	1	
TIMU0388	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/09/93-07/01/94	1	9	
TIMU0392	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/19/77-04/06/81	4	9	
TIMU0395	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	4	59	
TIMU0401	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	03/19/62-07/13/64	2	3	
TIMU0402	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-03/20/95	12	59	T
TIMU0405	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/95-12/30/98	3	23	
TIMU0408	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/22/86-07/20/88	1	19	
TIMU0409	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/16/97	0	16	
TIMU0410	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/22/94-03/22/94	0	1	
TIMU0411	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	0	9	
TIMU0421	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/02/83-10/23/86	3	13	
TIMU0424	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-11/09/92	0	3	
TIMU0426	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-11/09/92	9	18	
TIMU0434	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	0	4	
TIMU0437	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/95-07/21/98	3	35	
TIMU0438	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-11/11/90	7	14	
TIMU0001	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	0	1	
TIMU0009	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	1	5	
TIMU0011	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	1	5	
TIMU0026	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	6	
TIMU0037	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	6	
TIMU0045	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-11/30/87	4	6	
TIMU0053	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	3	
TIMU0068	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	13	12	
TIMU0074	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	0	1	
TIMU0077	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	16	23	
TIMU0083	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	13	11	
TIMU0088	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/21/73-04/22/91	18	17	
TIMU0101	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-05/15/78	0	1	
TIMU0103	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	0	5	
TIMU0113	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-07/27/98	21	69	T
TIMU0120	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	16	24	
TIMU0122	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	13	11	
TIMU0123	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	12	5	
TIMU0137	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-10/10/94	17	23	
TIMU0138	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	13	11	
TIMU0139	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/02/77-10/05/94	17	30	
TIMU0145	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	12	5	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0154	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	16	20	
TIMU0155	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	12	8	
TIMU0156	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	12	5	
TIMU0163	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	12	9	
TIMU0165	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	22	98	T,S
TIMU0168	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	12	9	
TIMU0169	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/10/79	0	2	
TIMU0170	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	12	9	
TIMU0191	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	1	22	
TIMU0225	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/12/78-05/18/83	4	4	
TIMU0261	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	0	1	
TIMU0264	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	1	22	
TIMU0286	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	1	5	
TIMU0297	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	0	1	
TIMU0315	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-02/04/98	14	83	T
TIMU0352	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	1	21	
TIMU0363	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-10/20/86	0	2	
TIMU0364	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	0	1	
TIMU0366	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/14/85-01/14/85	0	1	
TIMU0377	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	0	1	
TIMU0387	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-10/20/86	0	2	
TIMU0394	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/22/86-04/13/87	0	4	
TIMU0399	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	1	22	
TIMU0401	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/18/76-11/16/87	11	10	
TIMU0418	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/12/78-05/18/83	4	4	
TIMU0435	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/02/98-09/02/98	0	1	
TIMU0001	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0002	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/82-08/09/82	0	1	
TIMU0009	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0010	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	59	
TIMU0011	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0014	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	55	
TIMU0023	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/95-12/15/98	3	21	
TIMU0026	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	6	
TIMU0028	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	10	
TIMU0033	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-08/21/90	5	19	
TIMU0035	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	25	
TIMU0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	10	
TIMU0037	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	6	
TIMU0040	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	11	
TIMU0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-11/30/87	4	6	
TIMU0046	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0051	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/97-04/22/98	1	6	
TIMU0053	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	6	
TIMU0055	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/10/86-08/21/90	3	3	
TIMU0058	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/85-03/07/89	4	6	
TIMU0060	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/07/90	5	11	
TIMU0064	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0065	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/07/90	5	11	
TIMU0067	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	7	
TIMU0068	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/22/90	14	9	
TIMU0074	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0077	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	18	19	
TIMU0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/10/85-03/25/91	5	31	
TIMU0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	7	
TIMU0083	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/22/90	14	9	
TIMU0088	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/73-10/22/90	17	14	
TIMU0093	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	9	
TIMU0095	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/88-01/02/88	0	1	
TIMU0098	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/17/90	6	29	
TIMU0102	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	26	
TIMU0103	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	0	5	
TIMU0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	11	
TIMU0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/07/90	5	34	
TIMU0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	6	3	
TIMU0114	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	05/17/77-07/27/98	21	59	T

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0117	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/98-06/02/98	0	5	
TIMU0120	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	18	19	
TIMU0122	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/15/90	13	8	
TIMU0123	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	6	3	
TIMU0124	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/95-12/15/98	3	22	
TIMU0125	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-10/05/94	9	13	
TIMU0127	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	13	
TIMU0128	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	31	
TIMU0130	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	2	13	
TIMU0132	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/95-12/15/98	3	21	
TIMU0134	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	6	3	
TIMU0135	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-02/18/98	0	20	
TIMU0136	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	27	
TIMU0137	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/10/94	17	18	
TIMU0138	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/15/90	13	8	
TIMU0139	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/02/77-10/05/94	17	23	
TIMU0140	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	40	
TIMU0142	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	58	
TIMU0143	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-12/15/98	3	22	
TIMU0146	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	6	3	
TIMU0151	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	1	
TIMU0154	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-10/05/94	14	17	
TIMU0155	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	11	6	
TIMU0156	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	11	6	
TIMU0157	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	0	4	
TIMU0159	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	6	3	
TIMU0161	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	25	
TIMU0162	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/02/92	0	3	
TIMU0163	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	11	6	
TIMU0164	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/93-08/11/93	0	3	
TIMU0165	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/75-05/07/98	22	90	T,S
TIMU0166	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	23	
TIMU0167	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/90-03/05/91	0	3	
TIMU0168	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	11	6	
TIMU0170	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	11	6	
TIMU0175	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	1	
TIMU0177	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/93-09/08/93	0	4	
TIMU0178	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/97-06/30/98	1	26330	
TIMU0179	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/97-02/18/98	0	5	
TIMU0183	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	23	
TIMU0185	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	40	
TIMU0186	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	19	
TIMU0188	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	10	116	A
TIMU0190	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/11/94-12/18/96	2	107	
TIMU0191	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/76-04/20/87	10	11	
TIMU0192	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	30	
TIMU0193	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	0	4	
TIMU0196	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/83-03/25/91	7	40	
TIMU0197	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	14	
TIMU0200	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/91-03/05/91	0	1	
TIMU0205	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	16	
TIMU0213	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/07/97-06/30/98	1	23519	
TIMU0215	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/05/84-11/04/86	1	11	
TIMU0225	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/79-05/15/79	0	1	
TIMU0226	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/20/95-12/15/98	3	19	
TIMU0230	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	58	
TIMU0231	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	27	
TIMU0241	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/20/95-12/15/98	3	19	
TIMU0242	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/10/92	0	3	
TIMU0256	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	59	
TIMU0261	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0263	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-02/12/90	3	38	
TIMU0264	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/86-04/20/87	0	3	
TIMU0265	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/20/95-12/15/98	3	19	
TIMU0266	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0273	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	02/19/85-01/15/91	5	37	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0276	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	7	18	
TIMU0278	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	33	
TIMU0279	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	5	
TIMU0282	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	57	
TIMU0286	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0295	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0297	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0303	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	2	
TIMU0306	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	7	29	
TIMU0315	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-02/04/98	14	62	T
TIMU0323	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	33	
TIMU0343	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	10	115	A
TIMU0344	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0350	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	7	28	
TIMU0351	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-02/12/90	3	39	
TIMU0352	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/86-04/13/87	0	3	
TIMU0353	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	2	
TIMU0354	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	7	14	
TIMU0355	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	2	
TIMU0360	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0361	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/95-11/30/98	3	20	
TIMU0362	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-07/16/90	3	7	
TIMU0363	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/86-04/13/87	0	3	
TIMU0364	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0366	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/14/85-01/14/85	0	1	
TIMU0367	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/95-11/30/98	3	20	
TIMU0370	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	32	
TIMU0371	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	5	
TIMU0372	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/93-07/01/94	1	8	
TIMU0373	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	0	2	
TIMU0375	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	7	30	
TIMU0376	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	61	
TIMU0377	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/76-09/20/83	7	9	
TIMU0380	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/95-10/16/95	0	1	
TIMU0381	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/95-11/30/98	3	20	
TIMU0383	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/95-10/16/95	0	1	
TIMU0387	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/86-02/17/87	0	2	
TIMU0388	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/93-07/01/94	1	8	
TIMU0390	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/97-11/20/97	0	3	
TIMU0391	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-07/15/91	4	17	
TIMU0394	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/86-04/13/87	0	3	
TIMU0396	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/83-11/04/86	3	21	
TIMU0397	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	60	
TIMU0399	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/86-04/13/87	0	2	
TIMU0401	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/04/78-11/16/87	9	4	
TIMU0402	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/06/88-03/20/95	6	31	
TIMU0405	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/07/95-12/30/98	3	38	
TIMU0408	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	10	104	A
TIMU0410	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/11/94-12/18/96	2	100	
TIMU0416	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	41	
TIMU0418	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/79-05/15/79	0	1	
TIMU0419	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	0	5	
TIMU0420	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	7	30	
TIMU0424	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/09/92	0	3	
TIMU0425	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	1	42	
TIMU0426	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/09/92	0	3	
TIMU0430	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-03/05/91	6	27	
TIMU0432	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-03/05/91	6	25	
TIMU0434	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	0	4	
TIMU0435	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/02/98-09/02/98	0	1	
TIMU0437	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/07/95-07/21/98	3	34	
TIMU0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/19/77-06/26/78	0	5	
TIMU0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/77-02/14/77	0	1	
TIMU0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	0	15	
TIMU0009	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	6	
TIMU0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/76-10/20/76	0	1	
TIMU0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	0	1	
TIMU0016	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	0	1	
TIMU0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	0	1	
TIMU0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/17/70-06/17/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	0	1	
TIMU0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	0	1	
TIMU0024	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	0	15	
TIMU0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	0	15	
TIMU0045	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-11/30/87	4	6	
TIMU0053	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-07/26/78	0	1	
TIMU0068	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	18	19	
TIMU0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0077	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	21	31	
TIMU0083	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	18	19	
TIMU0088	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	18	14	
TIMU0101	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-05/15/78	0	1	
TIMU0113	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-07/27/98	20	62	T
TIMU0118	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	0	11	
TIMU0119	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/10/65-12/07/65	0	28	
TIMU0120	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	21	31	
TIMU0122	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-04/15/91	12	5	
TIMU0123	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	12	5	
TIMU0136	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0137	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-10/10/94	16	17	
TIMU0138	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-04/15/91	12	5	
TIMU0139	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/77-10/05/94	16	28	
TIMU0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/76-10/29/76	0	1	
TIMU0145	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0147	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/76-12/08/76	0	1	
TIMU0148	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/76-10/20/76	0	1	
TIMU0149	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	12	5	
TIMU0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	0	10	
TIMU0152	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	0	11	
TIMU0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	0	11	
TIMU0154	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	16	20	
TIMU0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	12	7	
TIMU0156	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	12	7	
TIMU0158	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/76-12/16/76	0	1	
TIMU0159	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	12	5	
TIMU0161	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0163	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	12	8	
TIMU0165	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	26	114	T,S
TIMU0168	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	12	8	
TIMU0169	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/10/79	0	2	
TIMU0170	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	12	8	
TIMU0174	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/76-10/29/76	0	1	
TIMU0191	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-05/10/88	14	39	
TIMU0194	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-10/23/86	3	45	
TIMU0198	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0199	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/02/76-11/02/76	0	1	
TIMU0203	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/83-03/08/84	0	4	
TIMU0204	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/83-12/16/83	0	2	
TIMU0206	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/76-05/02/77	0	2	
TIMU0207	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/83-03/06/84	0	2	
TIMU0212	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/73-01/15/73	0	1	
TIMU0214	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-06/07/72	0	1	
TIMU0217	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	0	1	
TIMU0219	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/28/76-05/02/77	0	2	
TIMU0220	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/18/76-11/18/76	0	1	
TIMU0223	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	0	1	
TIMU0225	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/78-05/18/83	4	4	
TIMU0228	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/28/76-12/28/76	0	1	
TIMU0229	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-06/07/72	0	1	
TIMU0235	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	0	1	
TIMU0239	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/83-12/16/83	0	1	
TIMU0240	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/83-03/08/84	0	4	
TIMU0247	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	0	1	
TIMU0257	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/73-01/15/73	0	1	
TIMU0261	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	09/20/83-09/20/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0264	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-05/10/88	1	9	
TIMU0269	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	0	1	
TIMU0271	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	0	1	
TIMU0276	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0277	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/84-06/17/86	2	7	
TIMU0286	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	1	5	
TIMU0288	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	0	1	
TIMU0297	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0302	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	0	15	
TIMU0306	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0309	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/73-01/15/73	0	1	
TIMU0314	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/83-03/08/84	0	4	
TIMU0315	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/72-02/04/98	25	74	T,S
TIMU0317	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/83-11/21/83	0	1	
TIMU0328	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/76-04/20/94	17	52	
TIMU0334	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-06/07/72	0	1	
TIMU0336	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	0	1	
TIMU0347	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	0	17	
TIMU0348	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-02/19/86	3	20	
TIMU0350	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0352	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-05/10/88	1	8	
TIMU0354	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0363	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-10/20/86	0	2	
TIMU0364	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	0	1	
TIMU0366	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/85-01/14/85	0	1	
TIMU0368	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/83-11/21/83	0	1	
TIMU0369	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/83-03/08/84	0	4	
TIMU0375	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0377	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-09/20/83	9	37	
TIMU0379	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-10/23/86	3	38	
TIMU0384	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/06/66	0	10	
TIMU0386	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/65-11/14/66	1	13	
TIMU0387	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/78-10/20/86	8	4	
TIMU0392	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/19/77-04/06/81	4	9	
TIMU0394	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/86-04/13/87	0	4	
TIMU0395	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/19/77-12/19/77	0	1	
TIMU0399	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-05/10/88	1	8	
TIMU0401	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/76-11/16/87	11	11	
TIMU0403	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	5	98	
TIMU0405	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/98-12/30/98	0	3	
TIMU0407	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/72-07/20/72	0	3	
TIMU0411	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	0	17	
TIMU0413	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/18/76-11/18/76	0	1	
TIMU0414	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/77-05/04/77	0	1	
TIMU0418	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/78-05/18/83	4	4	
TIMU0420	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0422	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/83-10/23/86	3	18	
TIMU0427	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-10/23/86	3	38	
TIMU0430	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0432	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	0	1	
TIMU0435	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/98-09/02/98	0	1	
TIMU0436	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-09/09/85	2	21	
TIMU0439	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/76-10/04/76	0	1	
TIMU0440	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/76-10/04/76	0	1	
TIMU0441	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/75-03/20/75	0	1	
TIMU0442	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/75-03/20/75	0	1	
TIMU0445	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/75-03/20/75	0	1	
TIMU0001	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	7	
TIMU0002	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/09/82-09/20/83	1	2	
TIMU0003	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/97-10/15/97	0	6	
TIMU0004	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/21/72	0	73	
TIMU0006	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-06/26/78	5	13	
TIMU0007	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/14/77-02/14/77	0	1	
TIMU0008	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-03/27/67	0	15	
TIMU0009	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	1	16	
TIMU0010	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	62	
TIMU0011	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	1	17	
TIMU0012	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/20/76-10/20/76	0	1	
TIMU0014	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	58	
TIMU0015	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/70-06/17/70	0	1	
TIMU0016	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/70-06/17/70	0	1	
TIMU0017	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/70-06/17/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0018	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/70-06/17/70	0	1	
TIMU0019	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/70-06/17/70	0	1	
TIMU0020	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/70-06/17/70	0	1	
TIMU0021	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/76-10/01/76	0	1	
TIMU0022	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/03/77-05/03/77	0	1	
TIMU0023	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	14	86	
TIMU0024	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-03/27/67	0	15	
TIMU0025	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-03/27/67	0	15	
TIMU0026	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0028	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	11	
TIMU0030	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/26/83-12/13/83	0	4	
TIMU0033	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-08/21/90	5	24	
TIMU0035	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	43	
TIMU0036	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	13	
TIMU0037	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0038	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	5	3	
TIMU0040	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	14	
TIMU0044	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	5	3	
TIMU0045	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-11/30/87	7	22	
TIMU0046	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0047	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/95-10/19/96	0	15	
TIMU0048	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	10	
TIMU0049	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/26/83-12/13/83	0	4	
TIMU0050	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/05/95-09/29/96	0	9	
TIMU0051	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/97-04/22/98	1	6	
TIMU0053	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-08/21/90	5	20	
TIMU0058	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-08/21/90	5	18	
TIMU0060	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-11/07/90	5	20	
TIMU0063	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	7	
TIMU0064	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0065	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-11/07/90	5	18	
TIMU0067	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	7	
TIMU0068	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-04/22/91	19	34	
TIMU0074	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	10	
TIMU0075	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	5	3	
TIMU0077	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/15/71-10/10/94	22	73	
TIMU0078	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/05/83-03/25/91	7	51	
TIMU0080	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	7	
TIMU0082	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	7	
TIMU0083	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/11/72-04/22/91	18	31	
TIMU0085	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/95-06/13/96	1	12	
TIMU0086	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/95-10/19/96	1	12	
TIMU0088	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/72-04/22/91	18	34	
TIMU0090	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	8	
TIMU0093	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	10	
TIMU0095	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-08/21/90	5	26	
TIMU0098	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-11/17/90	6	36	
TIMU0099	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/26/83-10/27/83	0	2	
TIMU0101	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-05/15/78	0	2	
TIMU0102	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	44	
TIMU0103	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	0	6	
TIMU0104	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	12	
TIMU0107	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/20/72	0	9	
TIMU0109	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	13	
TIMU0110	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-11/07/90	5	44	
TIMU0112	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/18/77-07/13/81	4	2	
TIMU0113	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	11	
TIMU0114	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	21	217	
TIMU0115	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-08/21/90	5	26	
TIMU0117	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/22/98-06/02/98	0	9	
TIMU0118	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/65-01/07/66	0	12	
TIMU0119	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/09/65-12/07/65	0	31	
TIMU0120	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-03/13/96	24	68	
TIMU0122	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	13	16	
TIMU0123	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	10	
TIMU0124	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	14	88	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0125	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	16	43	
TIMU0127	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	13	
TIMU0128	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	47	
TIMU0129	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	12	
TIMU0130	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	13	
TIMU0132	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/84-12/15/98	14	87	
TIMU0133	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/84-12/10/86	2	10	
TIMU0134	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	11	
TIMU0135	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-04/22/98	1	31	
TIMU0136	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	35	
TIMU0137	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-10/10/94	17	48	
TIMU0138	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	13	22	
TIMU0139	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/25/76-02/10/98	21	88	
TIMU0140	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	60	
TIMU0142	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	59	
TIMU0143	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/30/85-12/15/98	12	72	
TIMU0144	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/76-10/29/76	0	1	
TIMU0145	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/10/79	0	4	
TIMU0146	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	1	19	
TIMU0147	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/76-12/08/76	0	1	
TIMU0148	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/20/76-10/20/76	0	1	
TIMU0149	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	14	
TIMU0150	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/65-01/07/66	0	12	
TIMU0151	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	36	
TIMU0152	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/65-01/07/66	0	12	
TIMU0153	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/65-01/07/66	0	12	
TIMU0154	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	16	51	
TIMU0155	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	13	
TIMU0156	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	13	
TIMU0157	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-01/18/93	0	4	
TIMU0158	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/16/76-12/16/76	0	1	
TIMU0159	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	12	10	
TIMU0160	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	35	
TIMU0161	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	33	
TIMU0162	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-11/02/92	0	3	
TIMU0163	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/09/91	12	16	
TIMU0164	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/12/93-06/13/95	2	4	
TIMU0165	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	28	355	
TIMU0166	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	26	
TIMU0167	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	37	
TIMU0168	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	14	
TIMU0169	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/10/79	0	4	
TIMU0170	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	12	15	
TIMU0174	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/76-10/29/76	0	1	
TIMU0175	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	41	
TIMU0176	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/12/93-09/08/93	0	4	
TIMU0177	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/12/93-09/08/93	0	4	
TIMU0178	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/13/97-06/30/98	1	26330	
TIMU0179	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-02/18/98	0	6	
TIMU0180	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/29/93-07/30/93	0	2	
TIMU0181	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/97-10/16/97	0	29	
TIMU0182	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/29/93-07/30/93	0	2	
TIMU0183	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	25	
TIMU0184	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/29/93-07/30/93	0	2	
TIMU0185	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	54	
TIMU0186	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	28	
TIMU0187	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0188	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/14/86-12/18/96	10	143	
TIMU0189	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/29/97-08/26/97	0	24	
TIMU0190	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/11/94-12/18/96	2	170	
TIMU0191	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	16	87	
TIMU0192	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0193	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-01/18/93	0	4	
TIMU0194	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/01/82-10/23/86	3	39	
TIMU0195	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/16/85-10/23/86	0	10	
TIMU0196	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/05/83-03/25/91	7	52	
TIMU0197	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	33	
TIMU0198	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	29	
TIMU0199	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/02/76-11/02/76	0	1	
TIMU0200	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	32	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0202	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/04/84-12/04/84	0	1	
TIMU0203	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	6	
TIMU0204	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	5	
TIMU0205	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	31	
TIMU0206	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/01/76-05/02/77	0	2	
TIMU0207	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/73-08/16/73	0	1	
TIMU0208	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/98-03/25/98	0	1	
TIMU0210	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/18/83-05/23/84	0	6	
TIMU0211	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/83-04/19/84	0	9	
TIMU0212	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/73-01/15/73	0	1	
TIMU0213	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/07/97-06/30/98	1	23519	
TIMU0214	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/72-06/07/72	0	1	
TIMU0215	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/05/83-08/21/90	6	34	
TIMU0216	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/29/97-09/29/97	0	4	
TIMU0217	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/73-08/16/73	0	1	
TIMU0218	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-05/05/72	0	1	
TIMU0219	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/76-05/02/77	0	2	
TIMU0220	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/18/76-11/18/76	0	1	
TIMU0222	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-05/05/72	0	1	
TIMU0223	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-07/24/73	0	1	
TIMU0224	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/73-07/23/73	0	4	
TIMU0225	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/78-05/18/83	4	6	
TIMU0226	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/84-12/15/98	14	88	
TIMU0227	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/92-08/26/92	0	3	
TIMU0228	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/28/76-12/28/76	0	1	
TIMU0229	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/72-06/07/72	0	1	
TIMU0230	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	59	
TIMU0231	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	43	
TIMU0233	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0234	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0235	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-07/24/73	0	1	
TIMU0236	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0237	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/73-07/23/73	0	4	
TIMU0238	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-09/19/73	0	4	
TIMU0239	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	4	
TIMU0240	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	6	
TIMU0241	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	14	89	
TIMU0242	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-11/10/92	0	4	
TIMU0244	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0245	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/17/76-11/17/76	0	1	
TIMU0246	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/73-07/23/73	0	4	
TIMU0247	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-07/24/73	0	1	
TIMU0248	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0249	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/73-07/23/73	0	4	
TIMU0250	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0251	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-07/24/73	0	1	
TIMU0252	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-04/15/80	0	1	
TIMU0253	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/73-07/23/73	0	4	
TIMU0254	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-07/24/73	0	1	
TIMU0255	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0256	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	59	
TIMU0257	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/73-01/15/73	0	1	
TIMU0258	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/73-06/01/74	0	23	
TIMU0259	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0260	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/80-07/15/80	0	1	
TIMU0261	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	7	
TIMU0262	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/80-07/15/80	0	1	
TIMU0263	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/16/86-02/12/90	3	41	
TIMU0264	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	1	35	
TIMU0265	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	14	89	
TIMU0266	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0267	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/73-07/23/73	0	4	
TIMU0268	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/97-10/16/97	0	11	
TIMU0269	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-07/24/73	0	1	
TIMU0270	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0271	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/73-09/19/73	0	2	
TIMU0272	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-08/30/73	0	2	
TIMU0273	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/85-01/15/91	5	49	
TIMU0274	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0275	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/86-06/17/86	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0276	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	7	31	
TIMU0277	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/07/84-06/17/86	2	14	
TIMU0278	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0279	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	7	29	
TIMU0280	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0281	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0282	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	58	
TIMU0284	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0285	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0286	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/22/86-09/29/97	11	25	
TIMU0287	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0288	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/73-09/19/73	0	2	
TIMU0289	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/73-08/01/74	1	35	
TIMU0290	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0291	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0292	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0293	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0294	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0295	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0296	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0297	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/80-09/20/83	3	7	
TIMU0298	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0299	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/15/80-07/15/80	0	1	
TIMU0300	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0301	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0302	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-03/27/67	0	15	
TIMU0303	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	33	
TIMU0304	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0305	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-08/30/73	0	1	
TIMU0306	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	36	
TIMU0307	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0308	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0309	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/73-01/15/73	0	1	
TIMU0311	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0312	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0313	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0314	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	6	
TIMU0315	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	25	180	
TIMU0316	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/73-07/11/73	0	1	
TIMU0317	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	4	
TIMU0319	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/83-09/09/84	1	15	
TIMU0320	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/26/83-09/09/84	1	3	
TIMU0321	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-04/15/80	0	1	
TIMU0322	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-04/15/80	0	1	
TIMU0323	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0324	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	0	8	
TIMU0325	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/70-09/23/77	7	504	
TIMU0327	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/21/77-09/21/77	0	1	
TIMU0328	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/76-07/20/95	18	56	
TIMU0329	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0330	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0331	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0333	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/21/73-03/22/73	0	6	
TIMU0334	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/72-06/07/72	0	1	
TIMU0335	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-04/15/80	0	1	
TIMU0336	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/16/73-08/16/73	0	1	
TIMU0337	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/04/76-10/04/76	0	1	
TIMU0338	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0339	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/15/80-07/15/80	0	2	
TIMU0340	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/21/73-03/22/73	0	8	
TIMU0341	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/04/76-10/04/76	0	1	
TIMU0342	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/77-05/04/77	0	1	
TIMU0343	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/14/86-12/04/96	10	121	
TIMU0344	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0345	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/73-09/19/73	0	1	
TIMU0347	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-03/27/67	0	17	
TIMU0348	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/01/82-02/19/86	3	29	
TIMU0350	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	36	
TIMU0351	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/14/86-02/12/90	3	45	
TIMU0352	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	1	33	
TIMU0353	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	34	
TIMU0354	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	7	25	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0355	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	7	25	
TIMU0357	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/11/84-06/11/84	0	1	
TIMU0358	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/11/84-07/27/84	0	3	
TIMU0360	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0361	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	14	88	
TIMU0362	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/16/86-07/16/90	4	8	
TIMU0363	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	14	21	
TIMU0364	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-09/20/83	11	12	
TIMU0365	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/20/72	0	7	
TIMU0366	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/24/84-01/14/85	0	7	
TIMU0367	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	14	87	
TIMU0368	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	4	
TIMU0369	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/20/83-03/08/84	0	6	
TIMU0370	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	48	
TIMU0371	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	41	
TIMU0372	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/09/93-07/01/94	1	8	
TIMU0373	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/19/82-09/20/83	1	3	
TIMU0375	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	37	
TIMU0376	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	61	
TIMU0377	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/73-09/20/83	10	62	
TIMU0378	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/20/83-10/23/86	3	49	
TIMU0379	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/05/83-10/23/86	2	38	
TIMU0380	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/95-10/16/95	0	2	
TIMU0381	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	14	86	
TIMU0383	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/95-10/16/95	0	2	
TIMU0384	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/65-01/06/66	0	11	
TIMU0386	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/01/65-11/14/66	1	13	
TIMU0387	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	14	21	
TIMU0388	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/09/93-07/01/94	1	9	
TIMU0390	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/02/97-11/20/97	0	3	
TIMU0391	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/14/86-07/15/91	5	20	
TIMU0392	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/19/77-04/06/81	4	9	
TIMU0394	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/22/86-07/20/87	0	17	
TIMU0395	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	9	72	
TIMU0396	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/05/83-11/04/86	3	23	
TIMU0397	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/91-12/04/96	5	60	
TIMU0399	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	1	33	
TIMU0400	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/29/97-08/26/97	0	29	
TIMU0401	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/61-11/16/87	26	45	
TIMU0402	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/08/84-03/20/95	10	85	
TIMU0403	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/01/82-11/13/88	5	93	
TIMU0404	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/95-12/30/98	3	42	
TIMU0407	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-11/02/76	4	9	
TIMU0408	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/14/86-12/04/96	10	112	
TIMU0409	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/97-10/16/97	0	31	
TIMU0410	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/11/94-12/18/96	2	162	
TIMU0411	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-03/27/67	0	17	
TIMU0413	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/18/76-11/18/76	0	1	
TIMU0414	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/04/77-05/04/77	0	1	
TIMU0416	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	58	
TIMU0417	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/13/92-02/10/92	0	5	
TIMU0418	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/78-05/18/83	4	6	
TIMU0419	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	36	
TIMU0420	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	7	37	
TIMU0421	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/86-10/23/86	0	7	
TIMU0422	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/02/83-10/23/86	3	34	
TIMU0424	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-11/09/92	0	3	
TIMU0425	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	1	56	
TIMU0426	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-11/09/92	0	3	
TIMU0427	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/01/82-10/23/86	3	34	
TIMU0428	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/20/92-05/20/92	0	1	
TIMU0429	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	6	29	
TIMU0430	Yes	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	6	34	
TIMU0432	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	6	33	
TIMU0433	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	6	30	
TIMU0434	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/92-01/18/93	0	4	
TIMU0435	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/98-09/02/98	0	3	
TIMU0436	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/01/82-09/09/85	2	17	
TIMU0437	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/95-07/21/98	3	51	
TIMU0438	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/11/90-11/11/90	0	1	
TIMU0439	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/04/76-10/04/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0440	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/04/76-10/04/76	0	1	
TIMU0441	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	0	1	
TIMU0442	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	0	1	
TIMU0443	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/02/77-05/02/77	0	1	
TIMU0445	No	00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	0	1	
TIMU0010	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	60	
TIMU0014	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	56	
TIMU0078	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	10/05/83-03/25/91	7	46	
TIMU0142	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	59	
TIMU0157	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-01/18/93	0	4	
TIMU0162	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-11/02/92	0	3	
TIMU0164	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/12/93-08/11/93	0	3	
TIMU0177	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/12/93-09/08/93	0	4	
TIMU0188	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/14/86-12/04/96	10	122	
TIMU0189	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/25/95-07/31/97	2	8	
TIMU0190	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/11/94-12/18/96	2	138	
TIMU0193	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-01/18/93	0	4	
TIMU0195	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	12/01/82-10/23/86	3	50	
TIMU0230	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	58	
TIMU0231	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	61	
TIMU0242	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-11/10/92	0	3	
TIMU0256	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	59	
TIMU0263	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/16/86-02/12/90	3	41	
TIMU0273	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/19/85-01/15/91	5	33	
TIMU0282	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	57	
TIMU0343	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/14/86-12/04/96	10	121	
TIMU0351	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/14/86-02/12/90	3	45	
TIMU0362	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/16/86-07/16/90	4	8	
TIMU0372	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	06/09/93-07/01/94	1	8	
TIMU0376	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	61	
TIMU0378	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/20/83-10/23/86	3	45	
TIMU0388	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	06/09/93-07/01/94	1	9	
TIMU0391	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/14/86-07/15/91	5	20	
TIMU0397	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/06/91-12/04/96	5	60	
TIMU0400	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/25/95-07/31/97	2	8	
TIMU0402	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	12/01/82-03/20/95	12	133	
TIMU0405	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	06/07/95-12/30/98	3	38	
TIMU0408	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/14/86-12/04/96	10	110	
TIMU0410	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/11/94-12/18/96	2	132	
TIMU0421	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/02/83-10/23/86	3	32	
TIMU0424	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-11/09/92	0	3	
TIMU0426	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	12/01/82-11/09/92	9	41	
TIMU0434	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	05/19/92-01/18/93	0	4	
TIMU0437	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	06/07/95-07/21/98	3	33	
TIMU0438	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	12/01/82-09/09/85	2	21	
TIMU0001	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	0	1	
TIMU0009	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	1	4	
TIMU0010	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	59	
TIMU0011	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	1	4	
TIMU0014	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	55	
TIMU0023	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	14	64	T
TIMU0028	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	11	
TIMU0034	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-08/21/90	5	23	
TIMU0035	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	25	
TIMU0036	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	13	
TIMU0040	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	13	
TIMU0045	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-11/30/87	4	5	
TIMU0051	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/15/97-04/22/98	1	6	
TIMU0053	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/78-07/26/78	0	1	
TIMU0056	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/10/86-10/10/86	0	1	
TIMU0059	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/06/85-01/15/86	0	2	
TIMU0062	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/07/90	5	19	
TIMU0063	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/10/86-12/10/86	0	1	
TIMU0065	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/07/90	5	17	
TIMU0067	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	7	
TIMU0068	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-04/22/91	14	7	
TIMU0074	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	0	1	
TIMU0077	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	18	15	
TIMU0078	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	7	45	
TIMU0082	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	7	
TIMU0083	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-04/22/91	14	7	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0088	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-04/22/91	14	7	
TIMU0093	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	10	
TIMU0095	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/88-01/02/88	0	1	
TIMU0098	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/17/90	6	34	
TIMU0102	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	26	
TIMU0109	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	13	
TIMU0110	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/07/90	5	39	
TIMU0112	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0114	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/14/83-07/27/98	14	41	
TIMU0117	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/98-06/02/98	0	5	
TIMU0120	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	18	16	
TIMU0122	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0123	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0124	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	14	66	T
TIMU0125	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/04/94	3	6	
TIMU0127	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	13	
TIMU0128	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	31	
TIMU0130	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	2	13	
TIMU0132	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/25/84-12/15/98	14	65	T
TIMU0134	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0135	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-02/18/98	0	20	
TIMU0136	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	29	
TIMU0137	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-10/10/94	3	10	
TIMU0138	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0139	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/02/77-04/04/94	16	10	
TIMU0140	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	40	
TIMU0142	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	58	
TIMU0143	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/30/85-12/15/98	12	53	
TIMU0146	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	1	4	
TIMU0149	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0151	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	0	1	
TIMU0154	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/04/94	3	8	
TIMU0155	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	0	2	
TIMU0156	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	0	2	
TIMU0157	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	0	4	
TIMU0159	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	0	2	
TIMU0161	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	28	
TIMU0162	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/02/92	0	3	
TIMU0163	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	0	2	
TIMU0164	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/12/93-08/11/93	0	3	
TIMU0165	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/76-05/07/98	21	34	
TIMU0166	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	25	
TIMU0167	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/90-03/05/91	0	3	
TIMU0168	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	0	2	
TIMU0170	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	0	2	
TIMU0177	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/12/93-09/08/93	0	4	
TIMU0178	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/13/97-05/10/98	1	23638	
TIMU0179	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/15/97-02/18/98	0	5	
TIMU0183	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	25	
TIMU0185	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	40	
TIMU0186	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	25	
TIMU0188	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	10	121	A
TIMU0190	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/11/94-12/18/96	2	107	
TIMU0191	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/14/77-02/17/87	9	4	
TIMU0192	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	30	
TIMU0193	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	0	4	
TIMU0195	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/01/82-10/23/86	3	35	
TIMU0196	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	7	44	
TIMU0197	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	20	
TIMU0200	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/05/91-03/05/91	0	1	
TIMU0205	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	16	
TIMU0213	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/07/97-05/10/98	1	20110	
TIMU0215	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/23/84-11/04/86	2	12	
TIMU0226	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	14	62	T
TIMU0230	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	58	
TIMU0231	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	27	
TIMU0241	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	14	63	T

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0242	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/10/92	0	3	
TIMU0256	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	59	
TIMU0261	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	0	1	
TIMU0263	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/86-02/12/90	3	40	
TIMU0264	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/27/86-02/17/87	0	2	
TIMU0265	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	14	63	T
TIMU0273	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/85-01/15/91	5	39	
TIMU0276	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	7	24	
TIMU0278	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	33	
TIMU0279	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	0	4	
TIMU0282	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	57	
TIMU0286	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	1	5	
TIMU0297	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	0	1	
TIMU0303	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	0	2	
TIMU0306	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	7	30	
TIMU0315	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-02/04/98	14	62	T
TIMU0323	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	33	
TIMU0343	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	10	119	A
TIMU0350	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	6	28	
TIMU0351	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-02/12/90	3	44	
TIMU0352	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/27/86-04/13/87	0	3	
TIMU0354	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	7	18	
TIMU0355	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	0	2	
TIMU0361	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	14	64	T
TIMU0362	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/86-07/16/90	4	8	
TIMU0363	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/86-04/13/87	0	3	
TIMU0364	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	0	1	
TIMU0367	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	14	63	T
TIMU0370	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	32	
TIMU0371	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	0	5	
TIMU0372	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/93-07/01/94	1	8	
TIMU0375	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	7	30	
TIMU0376	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	61	
TIMU0377	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/14/77-09/20/83	6	4	
TIMU0380	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/16/95-10/16/95	0	1	
TIMU0381	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	14	63	T
TIMU0383	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/16/95-10/16/95	0	1	
TIMU0387	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/86-02/17/87	0	2	
TIMU0388	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/93-07/01/94	1	8	
TIMU0390	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/97-11/20/97	0	3	
TIMU0391	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-07/15/91	5	20	
TIMU0394	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/22/86-04/13/87	0	4	
TIMU0396	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-11/04/86	3	23	
TIMU0397	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	60	
TIMU0399	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/86-04/13/87	0	3	
TIMU0401	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/04/77-11/16/87	10	4	
TIMU0402	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/08/84-03/20/95	10	32	
TIMU0405	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/95-12/30/98	3	38	
TIMU0408	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	10	108	A
TIMU0410	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/11/94-12/18/96	2	99	
TIMU0416	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	41	
TIMU0419	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	0	5	
TIMU0420	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	7	31	
TIMU0424	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/09/92	0	3	
TIMU0425	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	1	42	
TIMU0426	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/09/92	0	3	
TIMU0430	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	6	28	
TIMU0432	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	6	27	
TIMU0434	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	0	4	
TIMU0435	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/02/98-09/02/98	0	1	
TIMU0437	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/95-07/21/98	3	33	
TIMU0438	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/11/90-11/11/90	0	1	
TIMU0001	No	00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	0	1	
TIMU0002	No	00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	0	1	
TIMU0004	No	00300	OXYGEN, DISSOLVED MG/L	07/18/72-07/20/72	0	9	
TIMU0006	No	00300	OXYGEN, DISSOLVED MG/L	07/18/72-06/26/78	5	12	
TIMU0008	No	00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	0	14	
TIMU0009	Yes	00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	1	5	
TIMU0011	No	00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	1	5	
TIMU0024	No	00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	0	14	
TIMU0025	No	00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	0	15	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0026	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	6	
TIMU0037	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	6	
TIMU0038	No	00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/14/76	5	3	
TIMU0044	No	00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/14/76	5	3	
TIMU0045	Yes	00300	OXYGEN, DISSOLVED MG/L	09/20/83-11/30/87	4	6	
TIMU0046	Yes	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0047	No	00300	OXYGEN, DISSOLVED MG/L	12/28/95-10/19/96	0	15	
TIMU0050	No	00300	OXYGEN, DISSOLVED MG/L	11/05/95-09/29/96	0	9	
TIMU0053	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	6	
TIMU0055	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	3	
TIMU0064	Yes	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0068	No	00300	OXYGEN, DISSOLVED MG/L	09/14/71-04/22/91	19	24	
TIMU0074	Yes	00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	0	1	
TIMU0075	No	00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/14/76	5	3	
TIMU0077	No	00300	OXYGEN, DISSOLVED MG/L	11/15/71-10/10/94	22	35	S
TIMU0083	No	00300	OXYGEN, DISSOLVED MG/L	12/11/72-04/22/91	18	22	
TIMU0085	Yes	00300	OXYGEN, DISSOLVED MG/L	05/21/95-06/13/96	1	12	
TIMU0086	No	00300	OXYGEN, DISSOLVED MG/L	05/22/95-10/19/96	1	12	
TIMU0088	No	00300	OXYGEN, DISSOLVED MG/L	09/19/72-04/22/91	18	22	
TIMU0101	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-05/15/78	0	1	
TIMU0103	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	0	5	
TIMU0107	Yes	00300	OXYGEN, DISSOLVED MG/L	07/18/72-07/20/72	0	9	
TIMU0113	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-07/17/96	19	58	T
TIMU0118	No	00300	OXYGEN, DISSOLVED MG/L	12/09/65-01/05/66	0	9	
TIMU0119	No	00300	OXYGEN, DISSOLVED MG/L	11/09/65-12/07/65	0	31	
TIMU0120	Yes	00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/10/94	23	36	S
TIMU0122	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	13	10	
TIMU0123	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	12	5	
TIMU0137	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-10/10/94	17	22	
TIMU0138	Yes	00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	13	11	
TIMU0139	No	00300	OXYGEN, DISSOLVED MG/L	05/02/77-10/05/94	17	31	
TIMU0145	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	12	5	
TIMU0150	No	00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/05/66	0	10	
TIMU0152	No	00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/06/66	0	11	
TIMU0153	No	00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/05/66	0	10	
TIMU0154	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	16	22	
TIMU0155	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	12	8	
TIMU0156	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	12	5	
TIMU0163	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	12	9	
TIMU0165	No	00300	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	27	139	T,A,S
TIMU0168	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	12	9	
TIMU0169	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/10/79	0	2	
TIMU0170	No	00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	12	9	
TIMU0191	Yes	00300	OXYGEN, DISSOLVED MG/L	07/18/72-10/27/86	14	49	
TIMU0194	Yes	00300	OXYGEN, DISSOLVED MG/L	12/01/82-10/23/86	3	35	
TIMU0203	Yes	00300	OXYGEN, DISSOLVED MG/L	10/05/83-03/08/84	0	3	
TIMU0204	Yes	00300	OXYGEN, DISSOLVED MG/L	10/05/83-10/05/83	0	1	
TIMU0224	Yes	00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	0	4	
TIMU0225	No	00300	OXYGEN, DISSOLVED MG/L	07/12/78-05/18/83	4	4	
TIMU0237	No	00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	0	4	
TIMU0240	Yes	00300	OXYGEN, DISSOLVED MG/L	10/05/83-03/08/84	0	3	
TIMU0245	No	00300	OXYGEN, DISSOLVED MG/L	11/17/76-11/17/76	0	1	
TIMU0246	Yes	00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	0	2	
TIMU0249	Yes	00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	0	4	
TIMU0253	Yes	00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	0	4	
TIMU0261	No	00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	0	1	
TIMU0264	No	00300	OXYGEN, DISSOLVED MG/L	08/20/86-10/27/86	0	2	
TIMU0266	No	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0267	No	00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	0	4	
TIMU0277	Yes	00300	OXYGEN, DISSOLVED MG/L	03/07/84-06/17/86	2	14	
TIMU0286	No	00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	1	5	
TIMU0295	No	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0297	No	00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0302	No	00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	0	15	
TIMU0314	No	00300	OXYGEN, DISSOLVED MG/L	02/02/84-03/08/84	0	2	
TIMU0315	No	00300	OXYGEN, DISSOLVED MG/L	07/18/72-05/28/97	24	11	
TIMU0316	No	00300	OXYGEN, DISSOLVED MG/L	07/11/73-07/11/73	0	1	
TIMU0333	No	00300	OXYGEN, DISSOLVED MG/L	03/21/73-03/21/73	0	4	
TIMU0340	No	00300	OXYGEN, DISSOLVED MG/L	03/21/73-03/21/73	0	4	
TIMU0344	No	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0347	No	00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	0	17	
TIMU0348	No	00300	OXYGEN, DISSOLVED MG/L	12/01/82-09/10/85	2	24	
TIMU0352	No	00300	OXYGEN, DISSOLVED MG/L	08/20/86-08/20/86	0	1	
TIMU0360	No	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0363	No	00300	OXYGEN, DISSOLVED MG/L	08/14/72-10/20/86	14	4	
TIMU0364	No	00300	OXYGEN, DISSOLVED MG/L	08/14/72-09/20/83	11	3	
TIMU0365	No	00300	OXYGEN, DISSOLVED MG/L	07/18/72-07/20/72	0	7	
TIMU0366	No	00300	OXYGEN, DISSOLVED MG/L	01/14/85-01/14/85	0	1	
TIMU0369	No	00300	OXYGEN, DISSOLVED MG/L	02/02/84-03/08/84	0	2	
TIMU0373	No	00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	0	2	
TIMU0377	No	00300	OXYGEN, DISSOLVED MG/L	09/16/73-09/20/83	10	46	
TIMU0379	No	00300	OXYGEN, DISSOLVED MG/L	12/04/84-10/23/86	1	22	
TIMU0384	No	00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/05/66	0	10	
TIMU0387	No	00300	OXYGEN, DISSOLVED MG/L	08/14/72-10/20/86	14	6	
TIMU0392	No	00300	OXYGEN, DISSOLVED MG/L	04/20/77-04/06/81	3	8	
TIMU0394	No	00300	OXYGEN, DISSOLVED MG/L	09/22/86-04/13/87	0	4	
TIMU0395	No	00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	4	70	
TIMU0399	No	00300	OXYGEN, DISSOLVED MG/L	08/20/86-10/20/86	0	2	
TIMU0401	Yes	00300	OXYGEN, DISSOLVED MG/L	10/17/61-11/16/87	26	14	
TIMU0403	No	00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	5	76	
TIMU0407	No	00300	OXYGEN, DISSOLVED MG/L	07/19/72-09/26/72	0	3	
TIMU0411	No	00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	0	17	
TIMU0418	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/78-05/18/83	4	4	
TIMU0422	No	00300	OXYGEN, DISSOLVED MG/L	03/02/83-10/23/86	3	28	
TIMU0427	No	00300	OXYGEN, DISSOLVED MG/L	12/01/82-10/23/86	3	29	
TIMU0436	No	00300	OXYGEN, DISSOLVED MG/L	12/01/82-09/09/85	2	15	
TIMU0441	No	00300	OXYGEN, DISSOLVED MG/L	03/20/75-03/20/75	0	1	
TIMU0442	No	00300	OXYGEN, DISSOLVED MG/L	03/20/75-03/20/75	0	1	
TIMU0445	No	00300	OXYGEN, DISSOLVED MG/L	03/20/75-03/20/75	0	1	
TIMU0008	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	0	14	
TIMU0023	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/06/95-12/15/98	3	21	
TIMU0024	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	0	14	
TIMU0025	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	0	15	
TIMU0035	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	23	
TIMU0051	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/15/97-04/22/98	1	6	
TIMU0102	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	26	
TIMU0117	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/22/98-06/02/98	0	5	
TIMU0118	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/09/65-01/05/66	0	9	
TIMU0119	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/09/65-12/07/65	0	31	
TIMU0124	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/95-12/15/98	3	22	
TIMU0128	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	25	
TIMU0132	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/95-12/15/98	3	21	
TIMU0135	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-02/18/98	0	20	
TIMU0140	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	37	
TIMU0143	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/28/95-12/15/98	3	22	
TIMU0150	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/05/66	0	10	
TIMU0151	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	3	
TIMU0152	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/06/66	0	11	
TIMU0153	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/05/66	0	10	
TIMU0160	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	3	
TIMU0167	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	2	
TIMU0175	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	4	
TIMU0178	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/13/97-05/10/98	1	23638	
TIMU0179	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/15/97-02/18/98	0	5	
TIMU0185	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	40	
TIMU0190	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/11/94-01/02/96	1	36	
TIMU0192	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	30	
TIMU0197	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	3	
TIMU0200	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	2	
TIMU0205	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	16	
TIMU0213	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/97-05/10/98	1	20110	
TIMU0226	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/20/95-12/15/98	3	19	
TIMU0232	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	27	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0241	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/20/95-12/15/98	3	19	
TIMU0265	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/20/95-12/15/98	3	19	
TIMU0278	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	33	
TIMU0279	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	2	
TIMU0302	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	0	15	
TIMU0303	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	2	
TIMU0323	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	33	
TIMU0347	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	0	17	
TIMU0355	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	2	
TIMU0361	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/02/95-11/30/98	3	20	
TIMU0363	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/14/72-08/14/72	0	1	
TIMU0364	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/14/72-08/14/72	0	2	
TIMU0367	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/02/95-11/30/98	3	20	
TIMU0370	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	32	
TIMU0371	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	5	
TIMU0381	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/02/95-11/30/98	3	20	
TIMU0384	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/05/66	0	10	
TIMU0387	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/14/72-08/14/72	0	1	
TIMU0390	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/02/97-11/20/97	0	3	
TIMU0392	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/09/78-04/06/81	3	7	
TIMU0395	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/12/72-08/13/73	1	16	
TIMU0401	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/17/61-07/13/64	2	4	
TIMU0410	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/11/94-01/02/96	1	36	
TIMU0411	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	0	17	
TIMU0416	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	41	
TIMU0419	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	0	5	
TIMU0425	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	1	42	
TIMU0008	No	00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	14	
TIMU0024	No	00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0025	No	00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0302	No	00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0347	No	00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	17	
TIMU0411	No	00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	17	
TIMU0001	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	0	1	
TIMU0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-07/20/72	0	3	
TIMU0006	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-12/19/77	5	4	
TIMU0008	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0009	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	1	5	
TIMU0010	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	45	
TIMU0011	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	1	5	
TIMU0014	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	44	
TIMU0024	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0025	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0026	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	5	
TIMU0035	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	8	
TIMU0037	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	5	
TIMU0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-11/15/71	0	2	
TIMU0044	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-11/15/71	0	2	
TIMU0045	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-11/30/87	4	6	
TIMU0053	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	5	
TIMU0055	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	3	
TIMU0068	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-04/22/91	19	22	
TIMU0074	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	0	1	
TIMU0075	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-11/15/71	0	2	
TIMU0077	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/15/71-10/10/94	22	34	S
TIMU0078	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/05/83-12/14/83	0	2	
TIMU0083	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/72-04/22/91	18	20	
TIMU0088	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/72-04/22/91	18	21	
TIMU0101	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	9	
TIMU0103	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	0	5	
TIMU0107	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-07/20/72	0	4	
TIMU0113	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-07/27/98	21	69	T
TIMU0117	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/98-06/02/98	0	3	
TIMU0118	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/07/66	0	11	
TIMU0119	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/10/65-12/06/65	0	19	
TIMU0120	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-10/10/94	23	34	S
TIMU0122	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-04/15/91	13	9	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0123	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	16	17	
TIMU0128	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	8	
TIMU0134	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	12	5	
TIMU0135	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-02/18/98	0	6	
TIMU0137	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-10/10/94	17	21	
TIMU0138	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-04/15/91	13	9	
TIMU0139	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/02/77-10/05/94	17	31	
TIMU0141	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	9	
TIMU0142	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	44	
TIMU0145	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	12	5	
TIMU0150	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/09/65-01/07/66	0	9	
TIMU0152	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/07/66	0	10	
TIMU0153	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/07/66	0	10	
TIMU0154	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	16	21	
TIMU0155	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	12	8	
TIMU0156	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	12	5	
TIMU0163	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	12	9	
TIMU0165	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/22/69-05/07/98	28	120	T,S
TIMU0168	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	12	9	
TIMU0169	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/10/79	0	2	
TIMU0170	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	12	9	
TIMU0185	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	8	
TIMU0187	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	0	4	
TIMU0188	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	8	101	A
TIMU0191	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-10/22/86	14	13	
TIMU0192	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	11	
TIMU0195	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-11/04/85	2	13	
TIMU0196	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/05/83-12/14/83	0	2	
TIMU0205	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	6	
TIMU0224	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/73-07/23/73	0	3	
TIMU0225	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/78-05/18/83	4	4	
TIMU0230	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	44	
TIMU0231	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	44	
TIMU0232	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	7	
TIMU0233	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0234	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	0	3	
TIMU0236	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0238	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/73-09/19/73	0	4	
TIMU0245	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/17/76-11/17/76	0	1	
TIMU0247	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/24/73-07/24/73	0	1	
TIMU0256	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	44	
TIMU0261	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	0	1	
TIMU0263	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-02/12/90	3	40	
TIMU0270	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	0	4	
TIMU0271	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0272	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/73-08/30/73	0	2	
TIMU0276	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/07/86-10/07/86	0	1	
TIMU0278	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	8	
TIMU0282	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	43	
TIMU0285	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0286	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	1	5	
TIMU0288	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0297	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	0	1	
TIMU0300	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0302	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	15	
TIMU0305	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/73-08/30/73	0	1	
TIMU0307	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0315	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-02/04/98	25	60	T,S
TIMU0316	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/11/73-07/11/73	0	1	
TIMU0323	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	8	
TIMU0324	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	0	3	
TIMU0329	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0334	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/07/72-06/07/72	0	1	
TIMU0338	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0340	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/21/73-03/21/73	0	3	
TIMU0343	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	8	101	A

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0345	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	0	1	
TIMU0347	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	17	
TIMU0351	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-02/12/90	3	41	
TIMU0362	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-07/16/90	3	7	
TIMU0363	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-11/02/76	4	2	
TIMU0364	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-09/20/83	11	3	
TIMU0365	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-07/20/72	0	3	
TIMU0366	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/14/85-01/14/85	0	1	
TIMU0370	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	9	
TIMU0372	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/93-07/01/94	0	5	
TIMU0376	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	45	
TIMU0377	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/21/75-09/20/83	8	10	
TIMU0378	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/85-11/04/85	0	5	
TIMU0384	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/06/66	0	9	
TIMU0387	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-11/02/76	4	2	
TIMU0388	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/24/93-07/01/94	0	6	
TIMU0391	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-07/15/91	4	17	
TIMU0392	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/19/77-04/06/81	4	7	
TIMU0394	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/22/86-04/13/87	0	4	
TIMU0395	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	9	68	
TIMU0396	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/05/83-12/14/83	0	2	
TIMU0397	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	3	44	
TIMU0401	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	11/08/65-11/16/87	22	11	
TIMU0402	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-07/10/90	7	42	
TIMU0407	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/02/76-11/02/76	0	1	
TIMU0408	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	8	89	A
TIMU0411	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	0	17	
TIMU0416	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/78-05/18/83	4	4	
TIMU0421	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/02/83-09/10/85	2	11	
TIMU0425	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	1	9	
TIMU0426	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-11/04/85	2	13	
TIMU0435	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/02/98-09/02/98	0	1	
TIMU0438	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-09/09/85	2	12	
TIMU0441	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/75-03/20/75	0	1	
TIMU0442	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/75-03/20/75	0	1	
TIMU0445	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/75-03/20/75	0	1	
TIMU0006	No	00315	BOD, 7 DAY, 20 DEG C MG/L	06/26/78-06/26/78	0	2	
TIMU0377	No	00315	BOD, 7 DAY, 20 DEG C MG/L	06/26/78-06/26/78	0	2	
TIMU0387	No	00315	BOD, 7 DAY, 20 DEG C MG/L	06/26/78-06/27/78	0	2	
TIMU0006	No	00324	BOD, 20 DAY, 20 DEG C MG/L	06/26/78-06/26/78	0	2	
TIMU0377	No	00324	BOD, 20 DAY, 20 DEG C MG/L	06/26/78-06/26/78	0	2	
TIMU0387	No	00324	BOD, 20 DAY, 20 DEG C MG/L	06/26/78-06/27/78	0	2	
TIMU0187	Yes	00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	0	4	
TIMU0212	No	00335	COD, .025N K2CR2O7 MG/L	01/15/73-01/15/73	0	1	
TIMU0214	No	00335	COD, .025N K2CR2O7 MG/L	06/07/72-06/07/72	0	1	
TIMU0229	No	00335	COD, .025N K2CR2O7 MG/L	06/07/72-06/07/72	0	1	
TIMU0233	Yes	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0234	No	00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	0	4	
TIMU0236	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0238	No	00335	COD, .025N K2CR2O7 MG/L	08/30/73-09/19/73	0	4	
TIMU0257	No	00335	COD, .025N K2CR2O7 MG/L	01/15/73-01/15/73	0	1	
TIMU0270	No	00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	0	4	
TIMU0271	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0272	No	00335	COD, .025N K2CR2O7 MG/L	08/30/73-08/30/73	0	2	
TIMU0285	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0288	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0290	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0291	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0300	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0305	No	00335	COD, .025N K2CR2O7 MG/L	08/30/73-08/30/73	0	1	
TIMU0307	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0309	No	00335	COD, .025N K2CR2O7 MG/L	01/15/73-01/15/73	0	1	
TIMU0324	No	00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	0	4	
TIMU0329	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0334	No	00335	COD, .025N K2CR2O7 MG/L	06/07/72-06/07/72	0	1	
TIMU0338	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0345	No	00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	0	1	
TIMU0165	No	00340	COD, .25N K2CR2O7 MG/L	05/22/69-02/12/73	3	5	
TIMU0001	No	00400	PH (STANDARD UNITS)	09/20/83-09/20/83	0	1	
TIMU0002	No	00400	PH (STANDARD UNITS)	08/09/82-08/09/82	0	1	
TIMU0004	No	00400	PH (STANDARD UNITS)	07/18/72-07/20/72	0	3	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0006	No	00400	PH (STANDARD UNITS)	07/18/72-07/20/72	0	3	
TIMU0008	No	00400	PH (STANDARD UNITS)	02/01/67-03/27/67	0	15	
TIMU0009	Yes	00400	PH (STANDARD UNITS)	09/24/86-11/30/87	1	4	
TIMU0010	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	58	
TIMU0011	No	00400	PH (STANDARD UNITS)	09/24/86-11/30/87	1	4	
TIMU0014	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	54	
TIMU0015	No	00400	PH (STANDARD UNITS)	06/17/70-06/17/70	0	1	
TIMU0016	No	00400	PH (STANDARD UNITS)	06/17/70-06/17/70	0	1	
TIMU0017	No	00400	PH (STANDARD UNITS)	06/17/70-06/17/70	0	1	
TIMU0018	No	00400	PH (STANDARD UNITS)	06/17/70-06/17/70	0	1	
TIMU0019	No	00400	PH (STANDARD UNITS)	06/17/70-06/17/70	0	1	
TIMU0020	No	00400	PH (STANDARD UNITS)	06/17/70-06/17/70	0	1	
TIMU0023	No	00400	PH (STANDARD UNITS)	01/23/84-12/15/98	14	63	T
TIMU0024	No	00400	PH (STANDARD UNITS)	02/01/67-03/27/67	0	15	
TIMU0025	No	00400	PH (STANDARD UNITS)	02/01/67-03/27/67	0	15	
TIMU0026	Yes	00400	PH (STANDARD UNITS)	05/18/77-05/19/77	0	4	
TIMU0033	Yes	00400	PH (STANDARD UNITS)	05/18/77-05/19/77	0	4	
TIMU0038	No	00400	PH (STANDARD UNITS)	09/14/71-11/15/71	0	2	
TIMU0040	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	7	
TIMU0044	No	00400	PH (STANDARD UNITS)	09/14/71-11/15/71	0	2	
TIMU0045	Yes	00400	PH (STANDARD UNITS)	09/20/83-11/30/87	4	5	
TIMU0046	Yes	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0053	Yes	00400	PH (STANDARD UNITS)	05/18/77-05/18/77	0	2	
TIMU0062	Yes	00400	PH (STANDARD UNITS)	11/13/84-11/07/90	5	20	
TIMU0064	Yes	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0065	Yes	00400	PH (STANDARD UNITS)	11/13/84-11/07/90	5	18	
TIMU0067	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	7	
TIMU0068	No	00400	PH (STANDARD UNITS)	09/14/71-04/22/91	19	19	
TIMU0074	Yes	00400	PH (STANDARD UNITS)	09/20/83-09/20/83	0	1	
TIMU0075	No	00400	PH (STANDARD UNITS)	09/14/71-11/15/71	0	2	
TIMU0077	No	00400	PH (STANDARD UNITS)	11/15/71-10/10/94	22	29	S
TIMU0078	No	00400	PH (STANDARD UNITS)	12/14/83-03/25/91	7	41	
TIMU0082	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	5	
TIMU0083	No	00400	PH (STANDARD UNITS)	12/11/72-04/22/91	18	17	
TIMU0088	No	00400	PH (STANDARD UNITS)	12/11/72-04/22/91	18	17	
TIMU0093	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	7	
TIMU0098	Yes	00400	PH (STANDARD UNITS)	11/13/84-11/17/90	6	28	
TIMU0101	Yes	00400	PH (STANDARD UNITS)	05/15/78-05/15/78	0	1	
TIMU0103	Yes	00400	PH (STANDARD UNITS)	05/18/77-05/19/77	0	4	
TIMU0107	Yes	00400	PH (STANDARD UNITS)	07/18/72-07/20/72	0	3	
TIMU0109	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	7	
TIMU0110	Yes	00400	PH (STANDARD UNITS)	11/13/84-11/07/90	5	33	
TIMU0112	Yes	00400	PH (STANDARD UNITS)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00400	PH (STANDARD UNITS)	05/15/78-04/15/91	12	4	
TIMU0114	Yes	00400	PH (STANDARD UNITS)	05/18/77-07/27/98	21	58	T
TIMU0118	No	00400	PH (STANDARD UNITS)	12/08/65-01/06/66	0	11	
TIMU0119	No	00400	PH (STANDARD UNITS)	11/09/65-12/07/65	0	31	
TIMU0120	Yes	00400	PH (STANDARD UNITS)	09/14/71-10/10/94	23	30	S
TIMU0122	Yes	00400	PH (STANDARD UNITS)	05/18/77-04/15/91	13	7	
TIMU0123	Yes	00400	PH (STANDARD UNITS)	05/15/78-04/15/91	12	4	
TIMU0124	No	00400	PH (STANDARD UNITS)	01/23/84-12/15/98	14	65	T
TIMU0125	Yes	00400	PH (STANDARD UNITS)	05/15/78-10/05/94	16	15	
TIMU0127	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	7	
TIMU0130	Yes	00400	PH (STANDARD UNITS)	11/13/84-12/10/86	2	7	
TIMU0132	No	00400	PH (STANDARD UNITS)	01/25/84-12/15/98	14	64	T
TIMU0134	Yes	00400	PH (STANDARD UNITS)	05/15/78-04/15/91	12	4	
TIMU0136	Yes	00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	25	
TIMU0137	Yes	00400	PH (STANDARD UNITS)	05/18/77-10/10/94	17	18	
TIMU0138	Yes	00400	PH (STANDARD UNITS)	05/18/77-04/15/91	13	6	
TIMU0139	No	00400	PH (STANDARD UNITS)	05/02/77-10/05/94	17	19	
TIMU0142	Yes	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	57	
TIMU0143	No	00400	PH (STANDARD UNITS)	12/30/85-12/15/98	12	52	
TIMU0145	No	00400	PH (STANDARD UNITS)	05/15/78-05/15/78	0	1	
TIMU0146	Yes	00400	PH (STANDARD UNITS)	09/24/86-11/30/87	1	4	
TIMU0149	Yes	00400	PH (STANDARD UNITS)	05/15/78-04/15/91	12	4	
TIMU0150	No	00400	PH (STANDARD UNITS)	12/08/65-01/06/66	0	11	
TIMU0152	No	00400	PH (STANDARD UNITS)	12/08/65-01/06/66	0	11	
TIMU0153	No	00400	PH (STANDARD UNITS)	12/08/65-01/06/66	0	11	
TIMU0154	No	00400	PH (STANDARD UNITS)	05/15/78-10/05/94	16	16	
TIMU0155	No	00400	PH (STANDARD UNITS)	05/15/78-04/08/91	12	6	
TIMU0156	No	00400	PH (STANDARD UNITS)	05/15/78-04/08/91	12	6	
TIMU0157	No	00400	PH (STANDARD UNITS)	05/19/92-01/18/93	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0159	Yes	00400	PH (STANDARD UNITS)	05/15/78-04/15/91	12	4	
TIMU0161	Yes	00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	25	
TIMU0162	Yes	00400	PH (STANDARD UNITS)	05/19/92-11/02/92	0	3	
TIMU0163	No	00400	PH (STANDARD UNITS)	05/15/78-04/08/91	12	6	
TIMU0164	Yes	00400	PH (STANDARD UNITS)	05/12/93-08/11/93	0	3	
TIMU0165	No	00400	PH (STANDARD UNITS)	05/23/69-05/07/98	28	116	T,S
TIMU0166	No	00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	22	
TIMU0168	No	00400	PH (STANDARD UNITS)	05/15/78-04/08/91	12	6	
TIMU0169	No	00400	PH (STANDARD UNITS)	05/15/78-05/15/78	0	1	
TIMU0170	No	00400	PH (STANDARD UNITS)	05/15/78-04/08/91	12	6	
TIMU0177	Yes	00400	PH (STANDARD UNITS)	05/12/93-09/08/93	0	4	
TIMU0183	No	00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	23	
TIMU0186	Yes	00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	23	
TIMU0188	Yes	00400	PH (STANDARD UNITS)	05/14/86-12/04/96	10	120	A
TIMU0190	Yes	00400	PH (STANDARD UNITS)	01/11/94-12/18/96	2	107	
TIMU0191	Yes	00400	PH (STANDARD UNITS)	07/18/72-06/23/87	14	12	
TIMU0193	Yes	00400	PH (STANDARD UNITS)	05/19/92-01/18/93	0	4	
TIMU0194	Yes	00400	PH (STANDARD UNITS)	12/01/82-10/23/86	3	21	
TIMU0196	Yes	00400	PH (STANDARD UNITS)	10/05/83-03/25/91	7	39	
TIMU0198	Yes	00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	20	
TIMU0203	Yes	00400	PH (STANDARD UNITS)	10/05/83-03/08/84	0	4	
TIMU0204	Yes	00400	PH (STANDARD UNITS)	10/05/83-12/16/83	0	2	
TIMU0207	No	00400	PH (STANDARD UNITS)	08/16/73-08/16/73	0	1	
TIMU0212	No	00400	PH (STANDARD UNITS)	01/15/73-01/15/73	0	1	
TIMU0214	No	00400	PH (STANDARD UNITS)	06/07/72-06/07/72	0	1	
TIMU0217	No	00400	PH (STANDARD UNITS)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00400	PH (STANDARD UNITS)	07/24/73-07/24/73	0	1	
TIMU0225	No	00400	PH (STANDARD UNITS)	07/12/78-07/12/78	0	1	
TIMU0226	No	00400	PH (STANDARD UNITS)	05/15/84-12/15/98	14	61	T
TIMU0229	No	00400	PH (STANDARD UNITS)	06/07/72-06/07/72	0	1	
TIMU0230	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	57	
TIMU0231	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	60	
TIMU0233	Yes	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0235	No	00400	PH (STANDARD UNITS)	07/24/73-07/24/73	0	1	
TIMU0236	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0238	No	00400	PH (STANDARD UNITS)	08/30/73-09/19/73	0	4	
TIMU0239	Yes	00400	PH (STANDARD UNITS)	12/16/83-12/16/83	0	1	
TIMU0240	Yes	00400	PH (STANDARD UNITS)	10/05/83-03/08/84	0	4	
TIMU0241	No	00400	PH (STANDARD UNITS)	05/15/84-12/15/98	14	62	T
TIMU0242	No	00400	PH (STANDARD UNITS)	05/19/92-01/18/93	0	4	
TIMU0243	Yes	00400	PH (STANDARD UNITS)	05/19/92-11/10/92	0	3	
TIMU0247	Yes	00400	PH (STANDARD UNITS)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00400	PH (STANDARD UNITS)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00400	PH (STANDARD UNITS)	07/24/73-07/24/73	0	1	
TIMU0256	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	58	
TIMU0257	No	00400	PH (STANDARD UNITS)	01/15/73-01/15/73	0	1	
TIMU0261	No	00400	PH (STANDARD UNITS)	09/20/83-09/20/83	0	1	
TIMU0263	No	00400	PH (STANDARD UNITS)	07/16/86-02/12/90	3	40	
TIMU0264	No	00400	PH (STANDARD UNITS)	10/27/86-06/23/87	0	4	
TIMU0265	No	00400	PH (STANDARD UNITS)	05/15/84-12/15/98	14	61	T
TIMU0266	No	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0269	No	00400	PH (STANDARD UNITS)	07/24/73-07/24/73	0	1	
TIMU0271	No	00400	PH (STANDARD UNITS)	08/16/73-09/19/73	0	2	
TIMU0272	No	00400	PH (STANDARD UNITS)	08/30/73-08/30/73	0	2	
TIMU0273	No	00400	PH (STANDARD UNITS)	02/19/85-01/15/91	5	31	
TIMU0276	Yes	00400	PH (STANDARD UNITS)	05/15/85-08/03/92	7	22	
TIMU0277	Yes	00400	PH (STANDARD UNITS)	03/07/84-09/10/85	1	7	
TIMU0282	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	56	
TIMU0285	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0286	No	00400	PH (STANDARD UNITS)	09/24/86-11/30/87	1	5	
TIMU0288	No	00400	PH (STANDARD UNITS)	08/16/73-09/19/73	0	2	
TIMU0290	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0291	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0295	No	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0297	No	00400	PH (STANDARD UNITS)	09/20/83-09/20/83	0	1	
TIMU0300	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0302	No	00400	PH (STANDARD UNITS)	02/01/67-03/27/67	0	15	
TIMU0305	No	00400	PH (STANDARD UNITS)	08/30/73-08/30/73	0	1	
TIMU0306	No	00400	PH (STANDARD UNITS)	01/02/85-08/03/92	7	25	
TIMU0307	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0309	No	00400	PH (STANDARD UNITS)	01/15/73-01/15/73	0	1	
TIMU0314	No	00400	PH (STANDARD UNITS)	10/04/83-03/08/84	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0315	No	00400	PH (STANDARD UNITS)	07/18/72-02/04/98	25	66	T,S
TIMU0317	No	00400	PH (STANDARD UNITS)	11/21/83-11/21/83	0	1	
TIMU0328	No	00400	PH (STANDARD UNITS)	07/30/92-07/30/92	0	1	
TIMU0329	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0333	No	00400	PH (STANDARD UNITS)	03/21/73-03/21/73	0	2	
TIMU0334	No	00400	PH (STANDARD UNITS)	06/07/72-06/07/72	0	1	
TIMU0336	No	00400	PH (STANDARD UNITS)	08/16/73-08/16/73	0	1	
TIMU0338	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0340	No	00400	PH (STANDARD UNITS)	03/21/73-03/21/73	0	4	
TIMU0343	No	00400	PH (STANDARD UNITS)	05/14/86-12/04/96	10	118	A
TIMU0344	No	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0345	No	00400	PH (STANDARD UNITS)	09/19/73-09/19/73	0	1	
TIMU0347	No	00400	PH (STANDARD UNITS)	02/01/67-03/27/67	0	17	
TIMU0348	No	00400	PH (STANDARD UNITS)	12/01/82-09/10/85	2	14	
TIMU0350	No	00400	PH (STANDARD UNITS)	01/02/85-08/03/92	7	25	
TIMU0351	No	00400	PH (STANDARD UNITS)	05/14/86-02/12/90	3	44	
TIMU0352	No	00400	PH (STANDARD UNITS)	02/17/87-06/23/87	0	3	
TIMU0354	Yes	00400	PH (STANDARD UNITS)	05/15/85-08/03/92	7	18	
TIMU0360	No	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0361	No	00400	PH (STANDARD UNITS)	03/08/84-11/30/98	14	63	T
TIMU0362	No	00400	PH (STANDARD UNITS)	07/16/86-07/16/90	4	8	
TIMU0363	No	00400	PH (STANDARD UNITS)	10/20/86-04/13/87	0	3	
TIMU0364	No	00400	PH (STANDARD UNITS)	09/20/83-09/20/83	0	1	
TIMU0365	No	00400	PH (STANDARD UNITS)	07/18/72-07/20/72	0	4	
TIMU0366	No	00400	PH (STANDARD UNITS)	01/14/85-01/14/85	0	1	
TIMU0367	No	00400	PH (STANDARD UNITS)	03/08/84-11/30/98	14	62	T
TIMU0368	No	00400	PH (STANDARD UNITS)	11/21/83-11/21/83	0	1	
TIMU0369	No	00400	PH (STANDARD UNITS)	10/04/83-03/08/84	0	4	
TIMU0372	No	00400	PH (STANDARD UNITS)	06/09/93-07/01/94	1	8	
TIMU0373	No	00400	PH (STANDARD UNITS)	04/19/82-08/09/82	0	2	
TIMU0375	Yes	00400	PH (STANDARD UNITS)	01/02/85-08/03/92	7	27	
TIMU0376	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	61	
TIMU0377	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/83	7	7	
TIMU0379	No	00400	PH (STANDARD UNITS)	03/05/85-10/23/86	1	11	
TIMU0380	No	00400	PH (STANDARD UNITS)	10/16/95-10/16/95	0	1	
TIMU0381	No	00400	PH (STANDARD UNITS)	03/08/84-11/30/98	14	62	T
TIMU0383	No	00400	PH (STANDARD UNITS)	10/16/95-10/16/95	0	1	
TIMU0384	No	00400	PH (STANDARD UNITS)	12/08/65-01/05/66	0	10	
TIMU0386	No	00400	PH (STANDARD UNITS)	05/01/65-11/14/66	1	13	
TIMU0387	No	00400	PH (STANDARD UNITS)	10/20/86-02/17/87	0	2	
TIMU0388	No	00400	PH (STANDARD UNITS)	06/09/93-07/01/94	1	8	
TIMU0390	No	00400	PH (STANDARD UNITS)	06/02/97-11/20/97	0	3	
TIMU0391	No	00400	PH (STANDARD UNITS)	05/14/86-07/15/91	5	20	
TIMU0392	No	00400	PH (STANDARD UNITS)	01/19/77-04/06/81	4	9	
TIMU0394	No	00400	PH (STANDARD UNITS)	09/22/86-04/13/87	0	4	
TIMU0395	No	00400	PH (STANDARD UNITS)	10/14/68-07/20/72	3	54	
TIMU0396	No	00400	PH (STANDARD UNITS)	10/05/83-11/04/86	3	14	
TIMU0397	No	00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	60	
TIMU0399	No	00400	PH (STANDARD UNITS)	10/20/86-06/23/87	0	4	
TIMU0401	Yes	00400	PH (STANDARD UNITS)	10/17/61-11/16/87	26	10	
TIMU0402	No	00400	PH (STANDARD UNITS)	09/06/88-03/20/95	6	31	
TIMU0403	No	00400	PH (STANDARD UNITS)	12/01/82-07/05/88	5	49	
TIMU0405	Yes	00400	PH (STANDARD UNITS)	06/07/95-12/30/98	3	37	
TIMU0407	No	00400	PH (STANDARD UNITS)	07/18/72-07/20/72	0	4	
TIMU0408	No	00400	PH (STANDARD UNITS)	05/14/86-12/04/96	10	109	A
TIMU0410	No	00400	PH (STANDARD UNITS)	01/11/94-12/18/96	2	100	
TIMU0411	No	00400	PH (STANDARD UNITS)	02/01/67-03/27/67	0	17	
TIMU0418	Yes	00400	PH (STANDARD UNITS)	07/12/78-07/12/78	0	1	
TIMU0420	No	00400	PH (STANDARD UNITS)	01/02/85-08/03/92	7	26	
TIMU0422	No	00400	PH (STANDARD UNITS)	03/02/83-10/23/86	3	19	
TIMU0424	No	00400	PH (STANDARD UNITS)	05/19/92-11/09/92	0	3	
TIMU0426	No	00400	PH (STANDARD UNITS)	05/19/92-11/09/92	0	3	
TIMU0427	No	00400	PH (STANDARD UNITS)	12/01/82-10/23/86	3	22	
TIMU0430	Yes	00400	PH (STANDARD UNITS)	01/02/85-03/05/91	6	23	
TIMU0432	No	00400	PH (STANDARD UNITS)	01/02/85-03/05/91	6	22	
TIMU0434	No	00400	PH (STANDARD UNITS)	05/19/92-01/18/93	0	4	
TIMU0435	No	00400	PH (STANDARD UNITS)	09/02/98-09/02/98	0	1	
TIMU0436	No	00400	PH (STANDARD UNITS)	12/01/82-09/09/85	2	11	
TIMU0437	No	00400	PH (STANDARD UNITS)	06/07/95-07/21/98	3	33	
TIMU0441	No	00400	PH (STANDARD UNITS)	03/20/75-03/20/75	0	1	
TIMU0442	No	00400	PH (STANDARD UNITS)	03/20/75-03/20/75	0	1	
TIMU0445	No	00400	PH (STANDARD UNITS)	03/20/75-03/20/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0023	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/06/95-10/18/95	0	4	
TIMU0124	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/07/95-09/20/95	0	3	
TIMU0132	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/07/95-09/20/95	0	3	
TIMU0143	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/28/95-09/26/95	0	3	
TIMU0226	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/20/95-09/07/95	0	3	
TIMU0241	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/20/95-09/07/95	0	3	
TIMU0265	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/20/95-09/07/95	0	3	
TIMU0361	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/02/95-10/03/95	0	4	
TIMU0367	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/02/95-10/03/95	0	4	
TIMU0381	No	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/02/95-10/03/95	0	4	
TIMU0001	No	00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	0	1	
TIMU0006	No	00403	PH, LAB, STANDARD UNITS SU	12/19/77-06/26/78	0	5	
TIMU0009	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	1	5	
TIMU0011	No	00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	1	5	
TIMU0026	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	5	
TIMU0037	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	6	
TIMU0045	Yes	00403	PH, LAB, STANDARD UNITS SU	09/20/83-11/30/87	4	6	
TIMU0053	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	5	
TIMU0055	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	3	
TIMU0068	No	00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/22/90	12	11	
TIMU0074	Yes	00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	0	1	
TIMU0077	No	00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	16	24	
TIMU0083	No	00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	13	12	
TIMU0088	No	00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	13	12	
TIMU0101	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-05/15/78	0	1	
TIMU0103	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	0	5	
TIMU0113	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-07/27/98	21	67	T
TIMU0120	Yes	00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	16	24	
TIMU0122	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-04/15/91	13	9	
TIMU0123	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	12	5	
TIMU0137	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-10/10/94	17	22	
TIMU0138	Yes	00403	PH, LAB, STANDARD UNITS SU	05/17/77-04/15/91	13	10	
TIMU0139	No	00403	PH, LAB, STANDARD UNITS SU	04/04/78-10/05/94	16	27	
TIMU0145	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	12	5	
TIMU0154	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	16	22	
TIMU0155	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	12	8	
TIMU0156	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	12	5	
TIMU0163	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	12	9	
TIMU0165	No	00403	PH, LAB, STANDARD UNITS SU	01/07/74-05/07/98	24	106	T,S
TIMU0168	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	12	9	
TIMU0169	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/10/79	0	2	
TIMU0170	No	00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	12	9	
TIMU0191	Yes	00403	PH, LAB, STANDARD UNITS SU	10/09/73-05/10/88	14	58	T
TIMU0203	Yes	00403	PH, LAB, STANDARD UNITS SU	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/83-05/23/84	0	6	
TIMU0225	No	00403	PH, LAB, STANDARD UNITS SU	05/15/79-05/18/83	4	3	
TIMU0240	Yes	00403	PH, LAB, STANDARD UNITS SU	08/03/83-03/08/84	0	5	
TIMU0245	No	00403	PH, LAB, STANDARD UNITS SU	11/17/76-11/17/76	0	1	
TIMU0261	No	00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	0	1	
TIMU0264	No	00403	PH, LAB, STANDARD UNITS SU	08/20/86-05/10/88	1	15	
TIMU0286	No	00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	1	5	
TIMU0297	No	00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	0	1	
TIMU0314	No	00403	PH, LAB, STANDARD UNITS SU	06/20/83-03/08/84	0	6	
TIMU0315	No	00403	PH, LAB, STANDARD UNITS SU	09/20/83-05/28/97	13	20	
TIMU0316	No	00403	PH, LAB, STANDARD UNITS SU	07/11/73-07/11/73	0	1	
TIMU0328	No	00403	PH, LAB, STANDARD UNITS SU	07/30/92-07/30/92	0	1	
TIMU0352	No	00403	PH, LAB, STANDARD UNITS SU	08/20/86-05/10/88	1	20	
TIMU0363	No	00403	PH, LAB, STANDARD UNITS SU	08/14/72-10/20/86	14	4	
TIMU0364	No	00403	PH, LAB, STANDARD UNITS SU	08/14/72-09/20/83	11	3	
TIMU0366	No	00403	PH, LAB, STANDARD UNITS SU	01/14/85-01/14/85	0	1	
TIMU0369	No	00403	PH, LAB, STANDARD UNITS SU	06/20/83-03/08/84	0	6	
TIMU0377	No	00403	PH, LAB, STANDARD UNITS SU	09/16/73-09/20/83	10	44	
TIMU0387	No	00403	PH, LAB, STANDARD UNITS SU	08/14/72-10/20/86	14	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0392	No	00403	PH, LAB, STANDARD UNITS SU	11/03/80-04/06/81	0	2	
TIMU0394	No	00403	PH, LAB, STANDARD UNITS SU	09/22/86-04/13/87	0	4	
TIMU0395	No	00403	PH, LAB, STANDARD UNITS SU	08/14/72-12/19/77	5	15	
TIMU0399	No	00403	PH, LAB, STANDARD UNITS SU	08/20/86-05/10/88	1	19	
TIMU0401	Yes	00403	PH, LAB, STANDARD UNITS SU	05/18/76-11/16/87	11	9	
TIMU0407	No	00403	PH, LAB, STANDARD UNITS SU	11/02/76-11/02/76	0	1	
TIMU0418	Yes	00403	PH, LAB, STANDARD UNITS SU	05/15/79-05/18/83	4	3	
TIMU0392	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/19/77-04/20/77	0	2	
TIMU0028	Yes	00406	PH, FIELD, STANDARD UNITS SU	11/13/84-12/10/86	2	7	
TIMU0034	Yes	00406	PH, FIELD, STANDARD UNITS SU	11/13/84-08/21/90	5	19	
TIMU0035	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	25	
TIMU0036	Yes	00406	PH, FIELD, STANDARD UNITS SU	11/13/84-12/10/86	2	7	
TIMU0047	No	00406	PH, FIELD, STANDARD UNITS SU	12/28/95-10/19/96	0	15	
TIMU0050	No	00406	PH, FIELD, STANDARD UNITS SU	11/05/95-09/29/96	0	9	
TIMU0051	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/15/97-04/22/98	1	6	
TIMU0056	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/10/86-10/10/86	0	1	
TIMU0059	Yes	00406	PH, FIELD, STANDARD UNITS SU	11/06/85-01/15/86	0	2	
TIMU0078	No	00406	PH, FIELD, STANDARD UNITS SU	12/14/83-03/25/91	7	41	
TIMU0085	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/21/95-06/13/96	1	12	
TIMU0086	No	00406	PH, FIELD, STANDARD UNITS SU	05/22/95-10/19/96	1	12	
TIMU0095	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/02/88-01/02/88	0	1	
TIMU0102	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	26	
TIMU0117	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/22/98-06/02/98	0	5	
TIMU0128	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	31	
TIMU0135	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-02/18/98	0	20	
TIMU0140	No	00406	PH, FIELD, STANDARD UNITS SU	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	40	
TIMU0151	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	1	
TIMU0167	No	00406	PH, FIELD, STANDARD UNITS SU	05/15/90-03/05/91	0	3	
TIMU0178	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/13/97-06/30/98	1	26330	
TIMU0179	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/15/97-02/18/98	0	5	
TIMU0185	No	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	40	
TIMU0192	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	30	
TIMU0197	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/26/89-03/05/91	1	2	
TIMU0200	No	00406	PH, FIELD, STANDARD UNITS SU	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/05/91-03/05/91	0	1	
TIMU0205	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	16	
TIMU0213	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/07/97-06/30/98	1	23519	
TIMU0215	No	00406	PH, FIELD, STANDARD UNITS SU	10/23/84-11/04/86	2	7	
TIMU0232	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	27	
TIMU0273	No	00406	PH, FIELD, STANDARD UNITS SU	02/19/85-01/15/91	5	31	
TIMU0278	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	33	
TIMU0279	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	5	
TIMU0303	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	2	
TIMU0323	No	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	33	
TIMU0353	No	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	2	
TIMU0355	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	2	
TIMU0370	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	32	
TIMU0371	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	5	
TIMU0416	Yes	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	41	
TIMU0419	No	00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	0	5	
TIMU0425	No	00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	1	42	
TIMU0006	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	0	1	
TIMU0008	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	0	15	
TIMU0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0017	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0018	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0019	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0020	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0024	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	0	15	
TIMU0025	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	0	15	
TIMU0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-04/22/91	18	8	
TIMU0077	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	21	17	
TIMU0083	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-04/22/91	18	7	
TIMU0088	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/22/90	17	7	
TIMU0113	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	
TIMU0114	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/17/89-07/27/98	9	27	
TIMU0118	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	0	12	
TIMU0119	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/65-12/07/65	0	28	
TIMU0120	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	21	17	
TIMU0122	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0123	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	
TIMU0125	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-10/05/94	3	11	
TIMU0134	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	
TIMU0137	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-10/10/94	3	11	
TIMU0138	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	
TIMU0139	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-10/05/94	3	11	
TIMU0149	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	
TIMU0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	0	12	
TIMU0152	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	0	12	
TIMU0153	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	0	12	
TIMU0154	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-10/05/94	3	11	
TIMU0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	0	2	
TIMU0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	0	2	
TIMU0159	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	0	2	
TIMU0163	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	0	2	
TIMU0164	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/93-08/11/93	0	3	
TIMU0165	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/20/72-05/07/98	26	67	T,S
TIMU0168	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	0	2	
TIMU0170	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	0	2	
TIMU0177	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/93-09/08/93	0	4	
TIMU0191	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/09/73-01/11/79	5	39	
TIMU0195	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	2	12	
TIMU0207	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	0	1	
TIMU0212	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	0	1	
TIMU0214	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0217	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	0	1	
TIMU0229	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0235	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	0	1	
TIMU0257	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	0	1	
TIMU0269	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	0	1	
TIMU0271	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	0	1	
TIMU0288	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	0	1	
TIMU0302	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	0	15	
TIMU0309	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	0	1	
TIMU0328	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/78-09/01/78	0	1	
TIMU0334	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0336	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	0	1	
TIMU0347	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	0	17	
TIMU0372	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/93-05/04/94	0	6	
TIMU0377	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/73-01/11/79	5	40	
TIMU0378	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/85-09/10/85	0	3	
TIMU0384	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/06/66	0	8	
TIMU0386	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/65-11/14/66	1	12	
TIMU0388	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/93-05/04/94	0	7	
TIMU0392	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/19/77-11/03/80	3	8	
TIMU0395	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	0	1	
TIMU0401	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/62-05/18/76	14	4	
TIMU0402	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-03/20/95	12	54	
TIMU0405	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/95-12/30/98	3	23	
TIMU0411	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	0	17	
TIMU0421	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/02/83-09/10/85	2	6	
TIMU0426	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	2	12	
TIMU0437	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/95-07/21/98	3	35	
TIMU0438	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-09/09/85	2	12	
TIMU0119	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11/12/65-11/12/65	0	1	
TIMU0214	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0229	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0334	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0068	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/22/91-04/22/91	0	1	
TIMU0047	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	01/27/96-10/19/96	0	12	
TIMU0085	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/22/95-06/13/96	0	9	
TIMU0086	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	06/13/96-10/19/96	0	2	
TIMU0006	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	0	1	
TIMU0038	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-11/15/71	0	2	
TIMU0044	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-11/15/71	0	2	
TIMU0068	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-06/04/73	1	8	
TIMU0075	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-11/15/71	0	2	
TIMU0077	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	11/15/71-06/04/73	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0083	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	0	5	
TIMU0088	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	0	6	
TIMU0120	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-06/04/73	1	8	
TIMU0165	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/20/72-09/13/77	5	40	
TIMU0191	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/09/73-01/11/79	5	38	
TIMU0377	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/16/73-01/11/79	5	40	
TIMU0395	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	0	1	
TIMU0401	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/18/76-05/18/76	0	1	
TIMU0015	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	0	1	
TIMU0016	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	0	1	
TIMU0017	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	0	1	
TIMU0018	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	0	1	
TIMU0019	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	0	1	
TIMU0020	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	0	1	
TIMU0212	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/15/73-01/15/73	0	1	
TIMU0257	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/15/73-01/15/73	0	1	
TIMU0309	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/15/73-01/15/73	0	1	
TIMU0328	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/01/78-09/01/78	0	1	
TIMU0386	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/01/65-11/14/66	1	13	
TIMU0392	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/19/77-05/24/78	1	4	
TIMU0386	No	00445	CARBONATE ION (MG/L AS CO3)	05/01/65-11/14/66	1	12	
TIMU0392	No	00445	CARBONATE ION (MG/L AS CO3)	01/19/77-05/24/78	1	4	
TIMU0009	Yes	00480	SALINITY - PARTS PER THOUSAND	09/24/86-04/20/87	0	4	
TIMU0010	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	59	
TIMU0011	No	00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	1	5	
TIMU0014	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	55	
TIMU0023	No	00480	SALINITY - PARTS PER THOUSAND	04/27/89-12/15/98	9	36	
TIMU0034	Yes	00480	SALINITY - PARTS PER THOUSAND	01/24/89-08/21/90	1	5	
TIMU0035	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	25	
TIMU0038	No	00480	SALINITY - PARTS PER THOUSAND	09/14/71-09/14/71	0	1	
TIMU0044	No	00480	SALINITY - PARTS PER THOUSAND	09/14/71-09/14/71	0	1	
TIMU0045	Yes	00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	1	5	
TIMU0047	No	00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/19/96	0	15	
TIMU0050	No	00480	SALINITY - PARTS PER THOUSAND	11/05/95-09/29/96	0	9	
TIMU0051	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/97-04/22/98	1	6	
TIMU0062	Yes	00480	SALINITY - PARTS PER THOUSAND	06/02/87-11/07/90	3	6	
TIMU0065	Yes	00480	SALINITY - PARTS PER THOUSAND	06/02/87-11/07/90	3	6	
TIMU0068	No	00480	SALINITY - PARTS PER THOUSAND	09/14/71-04/22/91	19	11	
TIMU0075	No	00480	SALINITY - PARTS PER THOUSAND	09/14/71-09/14/71	0	1	
TIMU0077	No	00480	SALINITY - PARTS PER THOUSAND	06/16/80-10/10/94	14	22	
TIMU0078	No	00480	SALINITY - PARTS PER THOUSAND	06/02/87-03/25/91	3	22	
TIMU0083	No	00480	SALINITY - PARTS PER THOUSAND	06/16/80-04/22/91	10	10	
TIMU0085	Yes	00480	SALINITY - PARTS PER THOUSAND	05/21/95-06/13/96	1	12	
TIMU0086	No	00480	SALINITY - PARTS PER THOUSAND	05/22/95-10/19/96	1	12	
TIMU0088	No	00480	SALINITY - PARTS PER THOUSAND	06/16/80-04/22/91	10	10	
TIMU0095	Yes	00480	SALINITY - PARTS PER THOUSAND	01/24/89-01/24/89	0	1	
TIMU0098	Yes	00480	SALINITY - PARTS PER THOUSAND	01/24/89-11/17/90	1	14	
TIMU0102	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	26	
TIMU0110	Yes	00480	SALINITY - PARTS PER THOUSAND	01/24/89-11/07/90	1	19	
TIMU0113	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0114	Yes	00480	SALINITY - PARTS PER THOUSAND	12/08/82-07/27/98	15	44	
TIMU0117	Yes	00480	SALINITY - PARTS PER THOUSAND	04/22/98-06/02/98	0	5	
TIMU0120	Yes	00480	SALINITY - PARTS PER THOUSAND	09/14/71-10/10/94	23	23	
TIMU0122	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0123	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0124	No	00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	9	23	
TIMU0125	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-07/05/94	9	14	
TIMU0128	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	31	
TIMU0132	No	00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	9	24	
TIMU0134	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0135	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-02/18/98	0	20	
TIMU0136	Yes	00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	4	17	
TIMU0137	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-10/10/94	9	15	
TIMU0138	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0139	No	00480	SALINITY - PARTS PER THOUSAND	05/07/80-07/05/94	14	19	
TIMU0140	No	00480	SALINITY - PARTS PER THOUSAND	04/15/97-04/22/98	1	6	
TIMU0141	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	40	
TIMU0142	Yes	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	58	
TIMU0143	No	00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	9	43	
TIMU0146	Yes	00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0151	Yes	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0154	No	00480	SALINITY - PARTS PER THOUSAND	09/14/81-07/05/94	12	17	
TIMU0155	No	00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	9	6	
TIMU0156	No	00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	9	6	
TIMU0159	Yes	00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	6	3	
TIMU0161	Yes	00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	4	17	
TIMU0163	No	00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	9	6	
TIMU0165	No	00480	SALINITY - PARTS PER THOUSAND	05/07/80-05/07/98	18	59	T
TIMU0166	No	00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	4	14	
TIMU0167	No	00480	SALINITY - PARTS PER THOUSAND	05/15/90-03/05/91	0	3	
TIMU0168	No	00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	9	6	
TIMU0170	No	00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	9	6	
TIMU0175	Yes	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	1	
TIMU0178	Yes	00480	SALINITY - PARTS PER THOUSAND	02/13/97-06/30/98	1	26330	
TIMU0179	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/97-02/18/98	0	5	
TIMU0183	No	00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	4	15	
TIMU0185	No	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	40	
TIMU0186	Yes	00480	SALINITY - PARTS PER THOUSAND	10/11/88-07/27/92	3	14	
TIMU0187	Yes	00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	0	8	
TIMU0188	Yes	00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	10	117	A
TIMU0190	Yes	00480	SALINITY - PARTS PER THOUSAND	01/11/94-12/18/96	2	107	
TIMU0191	Yes	00480	SALINITY - PARTS PER THOUSAND	10/27/86-04/20/87	0	3	
TIMU0192	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	30	
TIMU0194	Yes	00480	SALINITY - PARTS PER THOUSAND	12/01/82-06/17/86	3	20	
TIMU0196	Yes	00480	SALINITY - PARTS PER THOUSAND	01/24/89-03/25/91	2	22	
TIMU0197	Yes	00480	SALINITY - PARTS PER THOUSAND	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00480	SALINITY - PARTS PER THOUSAND	10/11/88-07/27/92	3	11	
TIMU0200	No	00480	SALINITY - PARTS PER THOUSAND	05/20/97-04/22/98	0	5	
TIMU0201	Yes	00480	SALINITY - PARTS PER THOUSAND	03/05/91-03/05/91	0	1	
TIMU0205	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	16	
TIMU0213	Yes	00480	SALINITY - PARTS PER THOUSAND	02/07/97-06/30/98	1	23519	
TIMU0224	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	0	4	
TIMU0225	No	00480	SALINITY - PARTS PER THOUSAND	05/18/81-05/18/81	0	1	
TIMU0226	No	00480	SALINITY - PARTS PER THOUSAND	04/19/89-12/15/98	9	21	
TIMU0230	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	58	
TIMU0231	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	27	
TIMU0233	Yes	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0234	No	00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	0	8	
TIMU0236	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0237	No	00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	0	3	
TIMU0238	No	00480	SALINITY - PARTS PER THOUSAND	08/30/73-09/19/73	0	4	
TIMU0241	No	00480	SALINITY - PARTS PER THOUSAND	04/19/89-12/15/98	9	20	
TIMU0244	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0246	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	0	2	
TIMU0248	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0249	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	0	4	
TIMU0250	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0252	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	0	1	
TIMU0253	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	0	4	
TIMU0255	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0256	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	59	
TIMU0258	No	00480	SALINITY - PARTS PER THOUSAND	10/01/73-06/01/74	0	20	
TIMU0259	Yes	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0260	Yes	00480	SALINITY - PARTS PER THOUSAND	07/15/80-07/15/80	0	1	
TIMU0262	Yes	00480	SALINITY - PARTS PER THOUSAND	07/15/80-07/15/80	0	1	
TIMU0263	No	00480	SALINITY - PARTS PER THOUSAND	07/16/86-02/12/90	3	39	
TIMU0264	No	00480	SALINITY - PARTS PER THOUSAND	10/27/86-04/20/87	0	3	
TIMU0265	No	00480	SALINITY - PARTS PER THOUSAND	03/20/95-12/15/98	3	19	
TIMU0267	No	00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	0	4	
TIMU0270	No	00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	0	8	
TIMU0271	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0272	No	00480	SALINITY - PARTS PER THOUSAND	08/30/73-08/30/73	0	2	
TIMU0273	No	00480	SALINITY - PARTS PER THOUSAND	01/25/89-01/15/91	1	14	
TIMU0274	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0276	Yes	00480	SALINITY - PARTS PER THOUSAND	10/11/88-08/03/92	3	12	
TIMU0277	Yes	00480	SALINITY - PARTS PER THOUSAND	03/07/84-06/17/86	2	11	
TIMU0278	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	33	
TIMU0279	Yes	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	5	
TIMU0280	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0281	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0282	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	57	
TIMU0284	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0285	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0286	No	00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	1	5	
TIMU0287	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0288	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0289	No	00480	SALINITY - PARTS PER THOUSAND	08/01/73-08/01/74	1	35	
TIMU0290	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0291	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0292	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0293	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0294	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0296	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0298	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0299	No	00480	SALINITY - PARTS PER THOUSAND	07/15/80-07/15/80	0	1	
TIMU0300	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0301	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0303	Yes	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	2	
TIMU0304	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0305	No	00480	SALINITY - PARTS PER THOUSAND	08/30/73-08/30/73	0	1	
TIMU0306	No	00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	4	16	
TIMU0307	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0308	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0311	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0312	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0313	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0315	No	00480	SALINITY - PARTS PER THOUSAND	10/27/86-02/04/98	11	60	
TIMU0321	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	0	1	
TIMU0322	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	0	1	
TIMU0323	No	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	33	
TIMU0324	No	00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	0	8	
TIMU0329	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0330	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0331	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0333	No	00480	SALINITY - PARTS PER THOUSAND	03/21/73-03/21/73	0	4	
TIMU0335	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	0	1	
TIMU0338	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0339	No	00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	0	2	
TIMU0340	No	00480	SALINITY - PARTS PER THOUSAND	03/21/73-03/21/73	0	4	
TIMU0343	No	00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	10	116	A
TIMU0345	No	00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	0	1	
TIMU0348	No	00480	SALINITY - PARTS PER THOUSAND	12/01/82-02/19/86	3	21	
TIMU0350	No	00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	4	16	
TIMU0351	No	00480	SALINITY - PARTS PER THOUSAND	07/16/86-02/12/90	3	40	
TIMU0352	No	00480	SALINITY - PARTS PER THOUSAND	10/27/86-04/13/87	0	3	
TIMU0353	No	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	2	
TIMU0354	Yes	00480	SALINITY - PARTS PER THOUSAND	10/11/88-08/03/92	3	8	
TIMU0355	Yes	00480	SALINITY - PARTS PER THOUSAND	01/23/90-07/27/92	2	4	
TIMU0361	No	00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	9	42	
TIMU0362	No	00480	SALINITY - PARTS PER THOUSAND	07/16/86-07/16/90	4	6	
TIMU0363	No	00480	SALINITY - PARTS PER THOUSAND	10/20/86-04/13/87	0	3	
TIMU0366	No	00480	SALINITY - PARTS PER THOUSAND	01/14/85-01/14/85	0	1	
TIMU0367	No	00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	9	42	
TIMU0370	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	32	
TIMU0371	Yes	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	5	
TIMU0375	Yes	00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	4	17	
TIMU0376	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	61	
TIMU0379	No	00480	SALINITY - PARTS PER THOUSAND	12/05/83-06/17/86	2	33	
TIMU0381	No	00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	9	34	
TIMU0387	No	00480	SALINITY - PARTS PER THOUSAND	10/20/86-02/17/87	0	2	
TIMU0388	No	00480	SALINITY - PARTS PER THOUSAND	09/21/93-12/21/93	0	2	
TIMU0390	No	00480	SALINITY - PARTS PER THOUSAND	06/02/97-11/20/97	0	3	
TIMU0391	No	00480	SALINITY - PARTS PER THOUSAND	07/16/86-07/15/91	4	16	
TIMU0394	No	00480	SALINITY - PARTS PER THOUSAND	09/22/86-04/13/87	0	4	
TIMU0397	No	00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	60	
TIMU0399	No	00480	SALINITY - PARTS PER THOUSAND	10/20/86-04/13/87	0	3	
TIMU0401	Yes	00480	SALINITY - PARTS PER THOUSAND	05/18/81-05/18/81	0	1	
TIMU0402	No	00480	SALINITY - PARTS PER THOUSAND	12/08/84-10/23/91	6	12	
TIMU0403	No	00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	5	65	
TIMU0405	Yes	00480	SALINITY - PARTS PER THOUSAND	12/30/98-12/30/98	0	2	
TIMU0408	No	00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	10	105	A
TIMU0410	No	00480	SALINITY - PARTS PER THOUSAND	01/11/94-12/18/96	2	100	
TIMU0416	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	40	
TIMU0419	No	00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	0	5	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0420	No	00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	4	17	
TIMU0422	No	00480	SALINITY - PARTS PER THOUSAND	03/02/83-06/17/86	3	21	
TIMU0425	No	00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	1	37	
TIMU0427	No	00480	SALINITY - PARTS PER THOUSAND	03/07/84-06/17/86	2	16	
TIMU0430	Yes	00480	SALINITY - PARTS PER THOUSAND	11/09/87-03/05/91	3	14	
TIMU0432	No	00480	SALINITY - PARTS PER THOUSAND	11/09/87-03/05/91	3	13	
TIMU0436	No	00480	SALINITY - PARTS PER THOUSAND	09/04/84-05/08/85	0	3	
TIMU0405	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	01/05/97-01/05/97	0	1	
TIMU0437	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	01/05/97-01/05/97	0	1	
TIMU0038	No	00500	RESIDUE, TOTAL (MG/L)	11/15/71-11/15/71	0	1	
TIMU0044	No	00500	RESIDUE, TOTAL (MG/L)	11/15/71-11/15/71	0	1	
TIMU0068	No	00500	RESIDUE, TOTAL (MG/L)	11/15/71-05/15/73	1	6	
TIMU0075	No	00500	RESIDUE, TOTAL (MG/L)	11/15/71-11/15/71	0	1	
TIMU0077	No	00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	0	5	
TIMU0083	No	00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	0	5	
TIMU0088	No	00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	0	5	
TIMU0112	Yes	00500	RESIDUE, TOTAL (MG/L)	07/13/81-07/13/81	0	1	
TIMU0120	Yes	00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	0	5	
TIMU0165	No	00500	RESIDUE, TOTAL (MG/L)	05/23/69-12/08/77	8	28	
TIMU0191	Yes	00500	RESIDUE, TOTAL (MG/L)	05/05/72-08/08/78	6	2	
TIMU0212	No	00500	RESIDUE, TOTAL (MG/L)	01/15/73-01/15/73	0	1	
TIMU0218	No	00500	RESIDUE, TOTAL (MG/L)	05/05/72-05/05/72	0	1	
TIMU0222	No	00500	RESIDUE, TOTAL (MG/L)	05/05/72-05/05/72	0	1	
TIMU0257	No	00500	RESIDUE, TOTAL (MG/L)	01/15/73-01/15/73	0	1	
TIMU0309	No	00500	RESIDUE, TOTAL (MG/L)	01/15/73-01/15/73	0	1	
TIMU0363	No	00500	RESIDUE, TOTAL (MG/L)	09/26/72-09/26/72	0	1	
TIMU0377	No	00500	RESIDUE, TOTAL (MG/L)	08/08/78-08/08/78	0	1	
TIMU0387	No	00500	RESIDUE, TOTAL (MG/L)	09/26/72-09/26/72	0	1	
TIMU0401	Yes	00500	RESIDUE, TOTAL (MG/L)	05/18/76-05/15/79	2	2	
TIMU0407	No	00500	RESIDUE, TOTAL (MG/L)	09/26/72-09/26/72	0	1	
TIMU0418	Yes	00500	RESIDUE, TOTAL (MG/L)	05/15/79-05/15/79	0	1	
TIMU0068	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	0	5	
TIMU0077	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	0	5	
TIMU0083	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	0	5	
TIMU0088	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/08/73-05/15/73	0	4	
TIMU0120	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	0	5	
TIMU0165	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/22/69-12/08/77	8	27	
TIMU0191	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0218	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0222	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0333	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/21/73-03/22/73	0	2	
TIMU0340	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/21/73-03/22/73	0	4	
TIMU0401	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/18/76-05/15/79	2	2	
TIMU0418	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/15/79-05/15/79	0	1	
TIMU0068	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	0	5	
TIMU0077	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	0	5	
TIMU0083	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	0	5	
TIMU0088	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/08/73-05/15/73	0	4	
TIMU0120	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	0	5	
TIMU0165	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/20/72-12/08/77	5	25	
TIMU0191	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	05/05/72-05/05/72	0	1	
TIMU0218	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/05/72-05/05/72	0	1	
TIMU0222	No	00510	RESIDUE, TOTAL FIXED (MG/L)	05/05/72-05/05/72	0	1	
TIMU0401	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	05/18/76-05/15/79	2	2	
TIMU0418	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	05/15/79-05/15/79	0	1	
TIMU0038	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-11/15/71	0	1	
TIMU0044	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-11/15/71	0	1	
TIMU0068	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-05/15/73	1	5	
TIMU0075	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-11/15/71	0	1	
TIMU0077	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-05/15/73	1	6	
TIMU0083	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/11/72-05/15/73	0	5	
TIMU0088	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/11/72-01/08/73	0	2	
TIMU0120	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-05/15/73	1	5	
TIMU0165	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/20/72-05/23/73	1	7	
TIMU0187	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	0	4	
TIMU0191	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/05/72-05/05/72	0	1	
TIMU0212	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/15/73-01/15/73	0	1	
TIMU0214	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/07/72-06/07/72	0	1	
TIMU0218	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/05/72-05/05/72	0	1	
TIMU0222	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/05/72-05/05/72	0	1	
TIMU0229	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/07/72-06/07/72	0	1	
TIMU0233	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0234	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	0	4	
TIMU0236	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0238	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/30/73-09/19/73	0	4	
TIMU0257	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/15/73-01/15/73	0	1	
TIMU0270	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	0	4	
TIMU0271	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0272	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/30/73-08/30/73	0	2	
TIMU0285	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0288	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0290	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0291	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0300	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0305	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/30/73-08/30/73	0	1	
TIMU0307	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0309	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/15/73-01/15/73	0	1	
TIMU0324	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	0	4	
TIMU0329	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0333	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/21/73-03/22/73	0	2	
TIMU0334	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/07/72-06/07/72	0	1	
TIMU0338	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0340	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/21/73-03/22/73	0	4	
TIMU0345	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	0	1	
TIMU0363	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/26/72-09/26/72	0	1	
TIMU0387	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/26/72-09/26/72	0	1	
TIMU0401	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/19/62-11/08/65	3	4	
TIMU0407	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/26/72-09/26/72	0	1	
TIMU0001	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0003	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/97-10/15/97	0	3	
TIMU0004	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/72-07/19/72	0	1	
TIMU0006	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-12/19/77	5	8	
TIMU0009	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0010	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	57	
TIMU0011	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0014	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	56	
TIMU0023	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/95-03/04/97	1	3	
TIMU0026	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0030	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-12/13/83	0	4	
TIMU0033	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0034	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-08/21/90	3	13	
TIMU0035	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	9	
TIMU0037	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0038	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-11/15/71	0	1	
TIMU0044	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-11/15/71	0	1	
TIMU0045	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-11/30/87	4	6	
TIMU0049	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-12/13/83	0	4	
TIMU0053	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-07/26/78	1	2	
TIMU0055	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0056	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/90-08/21/90	0	2	
TIMU0058	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0059	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/90-08/21/90	0	2	
TIMU0060	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0062	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-11/07/90	3	12	
TIMU0065	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-11/07/90	3	12	
TIMU0068	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-04/22/91	19	21	
TIMU0074	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0075	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-11/15/71	0	1	
TIMU0077	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	22	33	S
TIMU0078	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	7	35	
TIMU0083	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/11/72-04/22/91	18	20	
TIMU0088	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/72-04/22/91	18	21	
TIMU0095	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-08/21/90	3	7	
TIMU0098	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/31/87-11/17/90	3	10	
TIMU0099	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-10/27/83	0	2	
TIMU0101	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	10	
TIMU0107	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0110	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-11/07/90	3	16	
TIMU0112	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-07/27/98	21	57	T
TIMU0117	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/22/98-06/02/98	0	3	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0120	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	22	33	S
TIMU0122	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-04/15/91	13	6	
TIMU0123	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0124	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/04/97-03/04/97	0	1	
TIMU0125	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	16	17	
TIMU0128	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	9	
TIMU0132	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/04/97-03/04/97	0	1	
TIMU0134	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0135	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	4	9	
TIMU0137	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-10/10/94	17	18	
TIMU0138	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-04/15/91	13	6	
TIMU0139	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/77-10/05/94	16	29	
TIMU0141	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	10	
TIMU0142	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	58	
TIMU0143	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/09/96-03/04/97	0	2	
TIMU0145	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0154	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	16	22	
TIMU0155	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	8	
TIMU0156	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0161	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	4	9	
TIMU0163	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0164	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/93-08/11/93	0	3	
TIMU0165	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	28	128	T,A,S
TIMU0166	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	4	8	
TIMU0168	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0169	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/10/79	0	2	
TIMU0170	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0177	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/93-09/08/93	0	4	
TIMU0181	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/97-10/15/97	0	3	
TIMU0183	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	4	9	
TIMU0185	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	4	9	
TIMU0188	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	10	120	A
TIMU0189	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/94-03/22/94	0	1	
TIMU0190	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/11/94-12/18/96	2	75	
TIMU0191	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-10/22/86	14	43	
TIMU0192	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	11	
TIMU0195	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-11/04/85	2	14	
TIMU0196	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	7	28	
TIMU0197	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	4	9	
TIMU0201	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/91-03/05/91	0	1	
TIMU0205	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	8	
TIMU0215	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/84-11/04/86	2	7	
TIMU0218	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0222	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0225	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	4	
TIMU0226	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/93-07/06/93	0	2	
TIMU0230	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	58	
TIMU0231	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	8	
TIMU0241	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-07/06/93	0	1	
TIMU0256	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	59	
TIMU0261	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0263	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-02/12/90	3	40	
TIMU0265	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-07/06/93	0	1	
TIMU0273	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/85-01/15/91	5	27	
TIMU0276	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	4	9	
TIMU0278	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	8	
TIMU0282	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	58	
TIMU0286	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0297	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0306	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	4	9	
TIMU0315	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-02/04/98	25	68	T,S
TIMU0323	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	8	
TIMU0343	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	10	117	A
TIMU0350	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	4	9	
TIMU0351	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-02/12/90	3	41	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0352	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/87-12/15/87	0	1	
TIMU0354	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	4	9	
TIMU0361	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/95-10/03/95	0	1	
TIMU0362	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-07/16/90	3	7	
TIMU0363	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/72-09/26/72	0	1	
TIMU0364	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0366	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/85-01/14/85	0	1	
TIMU0367	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/95-10/03/95	0	1	
TIMU0370	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	9	
TIMU0372	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/93-07/01/94	1	8	
TIMU0375	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	4	9	
TIMU0376	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	61	
TIMU0377	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/73-09/20/83	10	38	
TIMU0378	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/85-11/04/85	0	5	
TIMU0380	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/95-10/16/95	0	1	
TIMU0381	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/95-10/03/95	0	1	
TIMU0383	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/95-10/16/95	0	1	
TIMU0387	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/72-09/26/72	0	1	
TIMU0388	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/93-07/01/94	1	9	
TIMU0391	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-07/15/91	4	17	
TIMU0394	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/22/86-04/13/87	0	4	
TIMU0395	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-12/19/77	5	8	
TIMU0396	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-11/04/86	3	14	
TIMU0397	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	60	
TIMU0400	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/94-03/22/94	0	1	
TIMU0401	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/76-11/16/87	11	9	
TIMU0402	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-03/20/95	12	56	T
TIMU0405	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/95-12/30/98	3	23	
TIMU0407	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/72-09/26/72	0	1	
TIMU0408	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	10	108	A
TIMU0409	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/97-08/14/97	0	3	
TIMU0410	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/11/94-12/18/96	2	76	
TIMU0416	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	4	
TIMU0420	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	4	9	
TIMU0421	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/02/83-09/10/85	2	12	
TIMU0425	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	1	9	
TIMU0426	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-11/04/85	2	14	
TIMU0430	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-03/05/91	2	8	
TIMU0432	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-03/05/91	2	8	
TIMU0435	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/98-09/02/98	0	1	
TIMU0437	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/95-07/21/98	3	35	
TIMU0438	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-09/09/85	2	13	
TIMU0001	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0004	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/19/72-07/19/72	0	1	
TIMU0006	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0009	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0011	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0026	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0033	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0037	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0045	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-11/30/87	4	6	
TIMU0053	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-07/26/78	1	2	
TIMU0055	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0058	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0060	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0068	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	18	20	
TIMU0074	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0077	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/08/73-10/10/94	21	31	
TIMU0083	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	18	20	
TIMU0088	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/72-04/22/91	18	21	
TIMU0101	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-05/15/78	0	1	
TIMU0107	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0113	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-07/27/98	21	57	T
TIMU0120	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-10/10/94	21	31	
TIMU0122	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-04/15/91	13	6	
TIMU0123	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0137	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-10/10/94	17	18	
TIMU0138	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-04/15/91	13	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0139	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/12/77-10/05/94	16	29	
TIMU0145	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0154	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	16	22	
TIMU0155	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	8	
TIMU0156	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0163	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0165	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	28	126	T,S
TIMU0168	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0169	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/10/79	0	2	
TIMU0170	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0191	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/05/72-07/20/72	0	7	
TIMU0218	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0222	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0225	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	4	
TIMU0261	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0286	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0297	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0315	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-02/04/98	25	68	T,S
TIMU0364	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0366	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/14/85-01/14/85	0	1	
TIMU0377	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0394	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/22/86-04/13/87	0	4	
TIMU0395	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0401	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/18/76-11/16/87	11	9	
TIMU0418	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	4	
TIMU0435	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/02/98-09/02/98	0	1	
TIMU0001	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0004	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/19/72-07/19/72	0	1	
TIMU0006	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0009	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0011	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0026	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0033	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0037	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0045	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-11/30/87	4	6	
TIMU0053	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-07/26/78	1	2	
TIMU0055	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0058	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0060	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	0	1	
TIMU0068	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	18	20	
TIMU0074	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0077	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	21	32	
TIMU0083	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	18	20	
TIMU0088	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/72-04/22/91	18	21	
TIMU0101	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-05/15/78	0	1	
TIMU0107	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0113	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-07/27/98	21	57	T
TIMU0120	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	21	32	
TIMU0122	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-04/15/91	13	6	
TIMU0123	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0125	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	16	17	
TIMU0134	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0137	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-10/10/94	17	18	
TIMU0138	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-04/15/91	13	6	
TIMU0139	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/12/77-10/05/94	16	29	
TIMU0145	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0154	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	16	22	
TIMU0155	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	8	
TIMU0156	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	8	
TIMU0159	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	12	5	
TIMU0163	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0165	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	26	123	T,S
TIMU0168	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0169	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/10/79	0	2	
TIMU0170	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	12	9	
TIMU0191	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/05/72-07/20/72	0	7	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0218	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0222	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/05/72-05/05/72	0	1	
TIMU0225	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	4	
TIMU0261	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0286	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	1	5	
TIMU0297	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0315	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-02/04/98	25	66	T,S
TIMU0364	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0366	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/14/85-01/14/85	0	1	
TIMU0377	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	0	1	
TIMU0394	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/22/86-04/13/87	0	4	
TIMU0395	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-07/20/72	0	7	
TIMU0401	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/18/76-11/16/87	11	9	
TIMU0418	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	4	
TIMU0435	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/02/98-09/02/98	0	1	
TIMU0202	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/84-12/04/84	0	1	
TIMU0204	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	0	5	
TIMU0239	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	0	4	
TIMU0317	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	0	4	
TIMU0368	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	0	4	
TIMU0404	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/84-12/04/84	0	1	
TIMU0436	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/84-12/04/84	0	1	
TIMU0030	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/27/83-12/13/83	0	3	
TIMU0032	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/26/83-12/13/83	0	4	
TIMU0049	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/26/83-12/13/83	0	4	
TIMU0099	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/26/83-10/27/83	0	2	
TIMU0010	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	41	
TIMU0014	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	41	
TIMU0023	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/18/95-03/04/97	1	3	
TIMU0124	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0132	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0142	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	43	
TIMU0143	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/09/96-03/04/97	0	2	
TIMU0151	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0160	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0167	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	7	
TIMU0175	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0188	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	9	85	A
TIMU0190	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	03/22/94-01/02/96	1	34	
TIMU0191	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	11/03/75-07/20/88	12	2	
TIMU0197	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0201	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0226	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/18/93-07/06/93	0	2	
TIMU0230	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	43	
TIMU0231	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	44	
TIMU0241	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0256	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	44	
TIMU0264	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	0	1	
TIMU0265	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0279	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0282	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	43	
TIMU0303	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0315	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	0	1	
TIMU0343	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	9	85	A
TIMU0352	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	0	1	
TIMU0353	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0355	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0361	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0362	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/16/86-07/16/90	4	8	
TIMU0367	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0371	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0376	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	45	
TIMU0381	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0392	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0397	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	3	45	
TIMU0399	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	0	1	
TIMU0408	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	9	73	
TIMU0410	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/22/94-01/02/96	1	34	
TIMU0419	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0429	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-03/05/91	2	7	
TIMU0433	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-03/05/91	2	7	
TIMU0190	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/25/95-01/02/96	0	18	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0240	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/03/83-08/03/83	0	1	
TIMU0314	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-03/08/84	0	2	
TIMU0369	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-02/02/84	0	3	
TIMU0410	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/25/95-01/02/96	0	17	
TIMU0239	Yes	00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	06/20/83-06/20/83	0	1	
TIMU0368	No	00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	06/20/83-06/20/83	0	1	
TIMU0006	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/19/77-12/19/77	0	1	
TIMU0078	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/83-12/14/83	0	1	
TIMU0119	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/02/65-12/02/65	0	2	
TIMU0165	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/08/73-01/21/75	1	6	
TIMU0191	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/09/73-01/11/79	5	35	
TIMU0196	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/83-12/14/83	0	1	
TIMU0217	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0233	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0234	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0235	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0236	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0238	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/30/73-09/19/73	0	4	
TIMU0247	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0269	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0270	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0271	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/16/73-09/19/73	0	2	
TIMU0272	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/30/73-08/30/73	0	2	
TIMU0285	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0288	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/16/73-09/19/73	0	2	
TIMU0290	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0291	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0300	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0305	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/30/73-08/30/73	0	1	
TIMU0307	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0329	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0333	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/21/73-03/22/73	0	2	
TIMU0338	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0340	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/21/73-03/22/73	0	4	
TIMU0345	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0377	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/16/73-11/14/78	5	38	
TIMU0392	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0395	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/19/77-12/19/77	0	1	
TIMU0396	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/83-12/14/83	0	1	
TIMU0392	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	2	5	
TIMU0188	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	0	1	
TIMU0189	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	2	69	
TIMU0190	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	1	56	
TIMU0195	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	0	5	
TIMU0203	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0314	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0369	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0378	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/05/85-09/10/85	0	4	
TIMU0392	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	2	5	
TIMU0400	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	2	79	
TIMU0402	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/84-07/10/90	5	25	
TIMU0408	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	0	1	
TIMU0410	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	1	56	
TIMU0421	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/84-09/10/85	1	6	
TIMU0426	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	0	5	
TIMU0438	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/05/84-09/09/85	0	5	
TIMU0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/15/97	0	5	
TIMU0006	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/19/77-12/19/77	0	1	
TIMU0009	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	1	6	
TIMU0014	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	55	
TIMU0023	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/95-03/04/97	1	3	
TIMU0028	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0030	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0034	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	5	20	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0035	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0036	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-11/15/71	0	2	
TIMU0040	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0044	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-11/15/71	0	2	
TIMU0045	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-11/30/87	4	6	
TIMU0048	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	0	1	
TIMU0049	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0053	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-07/26/78	0	1	
TIMU0056	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	5	4	
TIMU0059	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	5	6	
TIMU0062	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/07/90	5	19	
TIMU0065	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/07/90	5	17	
TIMU0067	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0068	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/22/90	18	12	
TIMU0074	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0075	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-11/15/71	0	2	
TIMU0077	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/10/94	22	22	S
TIMU0078	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/83-03/25/91	7	34	
TIMU0080	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	0	1	
TIMU0082	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	5	
TIMU0083	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/02/77-10/22/90	12	11	
TIMU0088	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/73-10/22/90	17	16	
TIMU0090	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-03/05/85	0	2	
TIMU0093	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	6	
TIMU0095	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	5	8	
TIMU0098	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/17/90	6	17	
TIMU0099	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-10/27/83	0	2	
TIMU0101	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0104	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	0	1	
TIMU0109	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0110	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/07/90	5	23	
TIMU0113	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	12	4	
TIMU0114	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-07/27/98	20	51	
TIMU0115	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	0	1	
TIMU0117	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/98-06/02/98	0	3	
TIMU0119	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/65-12/02/65	0	2	
TIMU0120	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-10/10/94	23	24	S
TIMU0122	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-10/15/90	12	4	
TIMU0123	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	12	4	
TIMU0124	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0125	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/05/94	16	14	
TIMU0127	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0128	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0129	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	0	1	
TIMU0130	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0132	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0133	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	0	1	
TIMU0134	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	12	4	
TIMU0135	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0137	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-10/10/94	16	14	
TIMU0138	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-10/15/90	12	4	
TIMU0139	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/02/77-02/10/98	20	28	
TIMU0141	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0142	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	58	
TIMU0143	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/96-03/04/97	0	2	
TIMU0145	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	12	4	
TIMU0154	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/05/94	16	20	
TIMU0155	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	12	7	
TIMU0156	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-06/12/85	7	6	
TIMU0159	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	12	4	
TIMU0161	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0163	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	12	8	
TIMU0164	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/93-08/11/93	0	3	
TIMU0165	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	24	127	T,S
TIMU0166	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	7	16	
TIMU0168	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	12	8	
TIMU0169	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/79-04/10/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0170	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	12	8	
TIMU0177	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/93-07/28/93	0	2	
TIMU0181	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/16/97	0	26	
TIMU0183	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	7	16	
TIMU0185	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0187	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0188	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	10	118	A
TIMU0189	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	3	78	
TIMU0190	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/11/94-12/18/96	2	75	
TIMU0191	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-05/10/88	14	42	
TIMU0192	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	11	
TIMU0194	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-10/23/86	2	11	
TIMU0196	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/83-03/25/91	7	28	
TIMU0197	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0201	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/91-03/05/91	0	1	
TIMU0203	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0205	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0207	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/83-05/23/84	0	4	
TIMU0215	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/84-11/04/86	2	7	
TIMU0217	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0225	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/78-05/18/83	4	3	
TIMU0226	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/18/93-07/06/93	0	2	
TIMU0230	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	58	
TIMU0231	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0233	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0234	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	6	
TIMU0235	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0236	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0238	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0241	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0247	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0256	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	59	
TIMU0261	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0263	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-02/12/90	3	38	
TIMU0264	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/87-05/10/88	1	7	
TIMU0265	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0268	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/16/97	0	10	
TIMU0269	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0270	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0271	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-09/19/73	0	2	
TIMU0272	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/73-08/30/73	0	2	
TIMU0273	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/85-01/15/91	5	27	
TIMU0276	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	7	17	
TIMU0277	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-06/17/86	2	8	
TIMU0278	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0282	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0285	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0286	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0288	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-09/19/73	0	2	
TIMU0290	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0291	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0297	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0300	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0302	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/10/67-03/09/67	0	6	
TIMU0305	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/73-08/30/73	0	1	
TIMU0306	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	7	18	
TIMU0307	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0314	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0315	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/19/72-01/20/98	25	16	
TIMU0323	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0324	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0329	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0333	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/21/73-03/22/73	0	2	
TIMU0336	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0338	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0340	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/21/73-03/22/73	0	4	
TIMU0343	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	10	115	A
TIMU0345	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0348	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-09/10/85	1	8	
TIMU0350	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	7	18	
TIMU0351	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-02/12/90	3	39	
TIMU0352	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/87-05/10/88	1	5	
TIMU0354	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	7	17	
TIMU0361	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0362	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-07/16/90	3	7	
TIMU0363	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/86-10/20/86	0	1	
TIMU0364	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0366	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/85-01/14/85	0	1	
TIMU0367	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0369	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0370	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0372	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/93-07/01/94	1	8	
TIMU0375	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	7	17	
TIMU0376	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	61	
TIMU0377	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/73-09/20/83	10	39	
TIMU0379	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/85-10/23/86	1	8	
TIMU0381	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0387	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/86-10/20/86	0	1	
TIMU0388	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/93-07/01/94	1	9	
TIMU0391	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-07/15/91	4	17	
TIMU0392	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0394	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/22/86-04/13/87	0	4	
TIMU0395	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/19/77-12/19/77	0	1	
TIMU0396	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/83-11/04/86	3	14	
TIMU0397	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	60	
TIMU0399	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/86-05/10/88	1	8	
TIMU0400	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	3	88	
TIMU0401	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/62-11/16/87	25	12	
TIMU0402	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/88-03/20/95	7	28	
TIMU0403	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-11/13/88	4	30	
TIMU0405	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/95-12/30/98	3	23	
TIMU0408	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	10	106	A
TIMU0409	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/16/97	0	28	
TIMU0410	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/11/94-12/18/96	2	76	
TIMU0416	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/78-05/18/83	4	3	
TIMU0420	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	7	18	
TIMU0422	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-10/23/86	2	10	
TIMU0425	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0427	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-10/23/86	2	12	
TIMU0430	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-03/05/91	6	17	
TIMU0432	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-03/05/91	6	17	
TIMU0435	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/02/98-09/02/98	0	1	
TIMU0436	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-09/09/85	1	8	
TIMU0437	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/95-07/21/98	3	34	
TIMU0202	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	0	4	
TIMU0317	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	0	4	
TIMU0368	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/84-12/04/84	0	1	
TIMU0436	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/84-12/04/84	0	1	
TIMU0392	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	2	5	
TIMU0001	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0006	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/78-06/26/78	0	4	
TIMU0045	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0068	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	6	2	
TIMU0074	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0077	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	6	2	
TIMU0083	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	6	2	
TIMU0088	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	6	2	
TIMU0114	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/08/82-06/29/83	0	3	
TIMU0119	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/02/65-12/02/65	0	2	
TIMU0120	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	6	2	
TIMU0139	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/77-05/18/83	6	4	
TIMU0154	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0155	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	0	1	
TIMU0156	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	0	1	
TIMU0163	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	0	1	
TIMU0165	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/18/75-05/02/83	7	25	
TIMU0168	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	0	1	
TIMU0170	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	0	1	
TIMU0203	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0207	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/18/83-05/23/84	0	4	
TIMU0217	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0225	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/18/83-05/18/83	0	1	
TIMU0235	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0240	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0247	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0261	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0269	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0271	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0288	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0297	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0314	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0315	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0336	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0364	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0366	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/14/85-01/14/85	0	1	
TIMU0369	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0377	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/78-09/20/83	5	5	
TIMU0387	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/78-06/27/78	0	2	
TIMU0392	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/18/76-05/18/83	7	4	
TIMU0418	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/18/83-05/18/83	0	1	
TIMU0392	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	2	5	
TIMU0006	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/19/77-06/26/78	0	5	
TIMU0026	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0033	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0037	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/76-10/14/76	0	1	
TIMU0044	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/76-10/14/76	0	1	
TIMU0053	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0058	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	5	
TIMU0060	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	3	
TIMU0068	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	7	11	
TIMU0075	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/76-10/14/76	0	1	
TIMU0077	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	7	11	
TIMU0083	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	7	11	
TIMU0088	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/76-07/14/80	3	4	
TIMU0101	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-05/15/78	0	1	
TIMU0103	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	0	5	
TIMU0113	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	0	2	
TIMU0114	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	1	8	
TIMU0119	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/02/65-12/02/65	0	2	
TIMU0120	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/73-07/14/80	7	9	
TIMU0122	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	1	8	
TIMU0123	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	0	2	
TIMU0125	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	0	2	
TIMU0134	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	0	2	
TIMU0137	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	1	8	
TIMU0138	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	1	8	
TIMU0139	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/02/77-05/07/80	3	7	
TIMU0145	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/10/79	0	2	
TIMU0149	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	0	2	
TIMU0154	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	1	4	
TIMU0155	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	1	2	
TIMU0156	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	1	2	
TIMU0159	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	0	2	
TIMU0163	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	1	3	
TIMU0165	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	9	71	
TIMU0168	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	1	3	
TIMU0169	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/10/79	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0170	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	1	3	
TIMU0187	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0191	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/07/73-01/11/79	5	35	
TIMU0207	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0212	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/73-01/15/73	0	1	
TIMU0214	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/72-06/07/72	0	1	
TIMU0217	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0225	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/78-05/15/79	0	2	
TIMU0229	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0234	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0235	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0236	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0238	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/73-09/19/73	0	4	
TIMU0245	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/76-11/17/76	0	1	
TIMU0247	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0257	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/73-01/15/73	0	1	
TIMU0269	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	0	1	
TIMU0270	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0271	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-09/19/73	0	2	
TIMU0272	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/73-08/30/73	0	2	
TIMU0285	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0288	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-09/19/73	0	2	
TIMU0290	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0291	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0300	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0305	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/73-08/30/73	0	1	
TIMU0307	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0309	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/73-01/15/73	0	1	
TIMU0315	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/72-07/20/72	0	5	
TIMU0324	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0329	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0333	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/22/73	0	2	
TIMU0334	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/72-06/07/72	0	1	
TIMU0336	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0338	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0340	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/22/73	0	4	
TIMU0345	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	0	1	
TIMU0363	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/02/76-11/02/76	0	1	
TIMU0377	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/73-01/11/79	5	42	
TIMU0387	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/02/76-06/27/78	1	3	
TIMU0392	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0395	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/19/77-12/19/77	0	1	
TIMU0401	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/64-11/07/79	15	10	
TIMU0407	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/72-11/02/76	4	5	
TIMU0418	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/78-05/15/79	0	2	
TIMU0003	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/15/97	0	4	
TIMU0181	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/16/97	0	18	
TIMU0188	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	0	1	
TIMU0189	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	2	70	
TIMU0190	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	1	56	
TIMU0195	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	0	5	
TIMU0203	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0268	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/16/97	0	6	
TIMU0314	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0369	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0378	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/05/85-09/10/85	0	4	
TIMU0392	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	2	5	
TIMU0400	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	2	79	
TIMU0402	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/05/84-07/10/90	5	26	
TIMU0408	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	0	1	
TIMU0409	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/16/97	0	16	
TIMU0410	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	1	56	
TIMU0421	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/05/84-09/10/85	1	6	
TIMU0426	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	0	5	
TIMU0438	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/05/84-11/11/90	5	6	
TIMU0203	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0240	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	0	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0314	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0369	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0001	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/15/97	0	5	
TIMU0006	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/78-06/26/78	0	2	
TIMU0009	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	56	
TIMU0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0014	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	54	
TIMU0023	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/95-03/04/97	1	3	
TIMU0026	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0030	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0033	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-08/21/90	2	7	
TIMU0035	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0037	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0045	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-11/30/87	4	6	
TIMU0049	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0053	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/90-08/21/90	0	2	
TIMU0058	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/90-08/21/90	0	2	
TIMU0060	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/07/90	2	6	
TIMU0065	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/07/90	2	6	
TIMU0068	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	12	11	
TIMU0074	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0077	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	16	21	
TIMU0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/83-03/25/91	7	14	
TIMU0083	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	12	11	
TIMU0088	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	12	11	
TIMU0095	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/89-05/16/89	0	2	
TIMU0098	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/17/90	2	7	
TIMU0099	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-10/27/83	0	2	
TIMU0101	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0103	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	0	5	
TIMU0110	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/07/90	2	10	
TIMU0112	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	6	3	
TIMU0114	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-07/27/98	21	62	T
TIMU0117	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/98-06/02/98	0	3	
TIMU0120	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	16	21	
TIMU0122	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-11/26/84	7	9	
TIMU0123	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	6	3	
TIMU0124	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0125	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/05/94	16	13	
TIMU0128	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0132	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0134	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	6	3	
TIMU0135	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0137	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-10/10/94	17	19	
TIMU0138	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-11/26/84	7	9	
TIMU0139	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/02/77-02/10/98	20	28	
TIMU0141	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0142	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0143	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/96-03/04/97	0	2	
TIMU0145	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	6	3	
TIMU0154	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/05/94	16	20	
TIMU0155	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	12	7	
TIMU0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-06/12/85	7	6	
TIMU0159	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	6	3	
TIMU0161	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0163	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	12	8	
TIMU0164	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/93-08/11/93	0	3	
TIMU0165	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	23	117	T,S
TIMU0166	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	3	7	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0168	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	12	8	
TIMU0169	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-05/15/78	0	1	
TIMU0170	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	12	7	
TIMU0177	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/93-09/08/93	0	4	
TIMU0181	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/16/97	0	29	
TIMU0183	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0185	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0187	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0188	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	123	A
TIMU0189	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	3	78	
TIMU0190	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/94-12/18/96	2	75	
TIMU0191	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/27/86-06/23/87	0	2	
TIMU0192	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	11	
TIMU0194	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-10/23/86	2	11	
TIMU0196	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/83-03/25/91	7	14	
TIMU0197	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	3	8	
TIMU0201	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/91-03/05/91	0	1	
TIMU0203	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0205	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0207	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/83-05/23/84	0	4	
TIMU0225	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/78-05/18/83	4	3	
TIMU0226	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/18/93-07/06/93	0	2	
TIMU0230	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0231	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	60	
TIMU0232	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0240	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0241	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0256	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	58	
TIMU0261	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0263	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/86-02/12/90	3	41	
TIMU0264	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/87-06/23/87	0	1	
TIMU0265	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0268	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/16/97	0	11	
TIMU0273	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-01/15/91	2	11	
TIMU0276	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0277	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-06/17/86	2	8	
TIMU0278	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0282	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0286	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0297	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0302	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/10/67-03/09/67	0	6	
TIMU0306	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0314	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0315	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/72-01/20/98	25	13	
TIMU0323	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0324	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/08/74-04/23/74	0	8	
TIMU0336	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/16/73-08/16/73	0	1	
TIMU0343	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	119	A
TIMU0348	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-09/10/85	1	8	
TIMU0350	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0351	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-02/12/90	3	44	
TIMU0352	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/87-06/23/87	0	1	
TIMU0354	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0361	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0362	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/86-07/16/90	4	8	
TIMU0364	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0366	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/85-01/14/85	0	1	
TIMU0367	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0369	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0370	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0372	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/93-07/01/94	1	8	
TIMU0375	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0376	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	60	
TIMU0377	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/78-09/20/83	5	3	
TIMU0379	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/85-10/23/86	1	8	
TIMU0381	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0387	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/78-06/27/78	0	2	
TIMU0388	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/93-07/01/94	1	9	
TIMU0391	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-07/15/91	5	20	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0392	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0394	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/22/86-04/13/87	0	4	
TIMU0396	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/83-12/14/83	0	1	
TIMU0397	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	59	
TIMU0399	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/87-06/23/87	0	1	
TIMU0400	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	3	89	
TIMU0401	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/18/76-11/16/87	11	10	
TIMU0402	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/13/88-03/20/95	7	28	
TIMU0403	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-11/13/88	4	30	
TIMU0405	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/95-12/30/98	3	23	
TIMU0407	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/72-07/20/72	0	4	
TIMU0408	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	109	A
TIMU0409	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/16/97	0	31	
TIMU0410	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/94-12/18/96	2	76	
TIMU0416	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/78-05/18/83	4	4	
TIMU0420	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	3	8	
TIMU0422	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-10/23/86	2	10	
TIMU0425	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0427	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-10/23/86	2	12	
TIMU0430	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-03/05/91	2	7	
TIMU0432	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-03/05/91	2	7	
TIMU0435	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/02/98-09/02/98	0	1	
TIMU0436	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-09/09/85	1	8	
TIMU0437	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/95-07/21/98	3	34	
TIMU0441	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/20/75-03/20/75	0	1	
TIMU0442	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/20/75-03/20/75	0	1	
TIMU0445	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/20/75-03/20/75	0	1	
TIMU0202	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0317	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0368	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0436	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	01/05/97-01/05/97	0	1	
TIMU0001	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/15/97	0	5	
TIMU0009	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0010	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	56	
TIMU0011	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0014	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	54	
TIMU0023	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/95-03/04/97	1	3	
TIMU0028	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0030	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0034	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-08/21/90	5	20	
TIMU0035	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0036	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0040	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0045	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-11/30/87	4	6	
TIMU0049	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-12/13/83	0	4	
TIMU0056	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/10/86-08/21/90	3	3	
TIMU0059	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/06/85-08/21/90	4	4	
TIMU0062	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/07/90	5	19	
TIMU0065	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/07/90	5	17	
TIMU0067	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0068	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-04/22/91	9	9	
TIMU0074	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0077	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	13	19	
TIMU0078	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/14/83-03/25/91	7	34	
TIMU0082	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	5	
TIMU0083	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-04/22/91	9	9	
TIMU0088	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-04/22/91	9	9	
TIMU0090	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/85-03/05/85	0	1	
TIMU0093	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	6	
TIMU0095	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/87-05/16/89	2	6	
TIMU0098	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/17/90	6	17	
TIMU0099	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-10/27/83	0	2	
TIMU0102	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	10	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0109	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0110	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/07/90	5	23	
TIMU0112	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0114	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/82-07/27/98	15	57	T
TIMU0117	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/98-06/02/98	0	3	
TIMU0120	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	13	19	
TIMU0122	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0123	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0124	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0125	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-10/05/94	9	13	
TIMU0127	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0128	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0129	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/85-07/09/85	0	1	
TIMU0130	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	2	7	
TIMU0132	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/97-03/04/97	0	1	
TIMU0134	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0135	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0137	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-10/10/94	9	13	
TIMU0138	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0139	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-02/10/98	16	22	
TIMU0141	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0142	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0143	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/96-03/04/97	0	2	
TIMU0146	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0154	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-10/05/94	13	17	
TIMU0155	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	9	5	
TIMU0156	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	9	5	
TIMU0159	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	6	3	
TIMU0161	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0163	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	9	6	
TIMU0164	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/12/93-08/11/93	0	3	
TIMU0165	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/81-05/07/98	16	64	T
TIMU0166	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	7	16	
TIMU0168	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	9	6	
TIMU0169	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/79-04/10/79	0	1	
TIMU0170	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/79-04/08/91	11	7	
TIMU0177	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/12/93-09/08/93	0	4	
TIMU0181	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/16/97	0	26	
TIMU0183	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0185	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0188	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	117	A
TIMU0189	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/94-03/22/94	0	1	
TIMU0190	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/94-12/18/96	2	75	
TIMU0191	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/86-05/10/88	1	4	
TIMU0192	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	11	
TIMU0194	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-10/23/86	3	15	
TIMU0196	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/83-03/25/91	7	28	
TIMU0197	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	7	17	
TIMU0201	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/91-03/05/91	0	1	
TIMU0203	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0205	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0210	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/83-05/23/84	0	4	
TIMU0215	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/84-11/04/86	2	7	
TIMU0225	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-05/18/83	2	2	
TIMU0226	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/93-07/06/93	0	2	
TIMU0230	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	57	
TIMU0231	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	60	
TIMU0232	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0240	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0241	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0256	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	58	
TIMU0261	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0263	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/86-01/16/90	3	38	
TIMU0264	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/26/88-05/10/88	0	2	
TIMU0265	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/06/93-07/06/93	0	1	
TIMU0268	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/16/97	0	10	
TIMU0273	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/85-01/15/91	5	27	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0276	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	7	17	
TIMU0277	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/84-06/17/86	2	8	
TIMU0278	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0282	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	56	
TIMU0286	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	1	5	
TIMU0297	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0302	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/10/67-03/09/67	0	6	
TIMU0306	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	7	18	
TIMU0314	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0315	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-01/20/98	14	11	
TIMU0323	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	8	
TIMU0343	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	114	A
TIMU0348	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-09/10/85	2	13	
TIMU0350	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	7	18	
TIMU0351	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-01/16/90	3	42	
TIMU0352	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/26/88-05/10/88	0	2	
TIMU0354	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	7	17	
TIMU0361	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0362	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/86-07/16/90	4	5	
TIMU0363	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/86-10/20/86	0	1	
TIMU0364	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0366	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/85-01/14/85	0	1	
TIMU0367	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0369	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0370	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0375	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	7	17	
TIMU0376	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	60	
TIMU0377	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	0	1	
TIMU0379	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/85-10/23/86	1	7	
TIMU0381	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/95-10/03/95	0	1	
TIMU0387	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/86-10/20/86	0	1	
TIMU0388	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/93-07/01/94	1	9	
TIMU0391	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-07/15/91	5	17	
TIMU0392	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/19/77-04/06/81	4	9	
TIMU0394	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/22/86-04/13/87	0	4	
TIMU0396	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/83-11/04/86	3	14	
TIMU0397	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	59	
TIMU0399	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/86-05/10/88	1	3	
TIMU0400	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/94-03/22/94	0	1	
TIMU0401	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-11/16/87	6	3	
TIMU0402	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/88-03/20/95	7	27	
TIMU0403	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-11/13/88	5	34	
TIMU0405	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/07/95-12/30/98	3	23	
TIMU0408	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	105	A
TIMU0409	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/16/97	0	28	
TIMU0410	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/94-12/18/96	2	76	
TIMU0416	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-05/18/83	2	2	
TIMU0420	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	7	18	
TIMU0422	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/02/83-10/23/86	3	13	
TIMU0425	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	1	9	
TIMU0427	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-10/23/86	3	16	
TIMU0430	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-03/05/91	6	17	
TIMU0432	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-03/05/91	6	17	
TIMU0435	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/02/98-09/02/98	0	1	
TIMU0436	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-09/09/85	2	13	
TIMU0437	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/07/95-07/21/98	3	34	
TIMU0003	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/14/97	0	3	
TIMU0181	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/16/97	0	15	
TIMU0188	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/07/96-08/07/96	0	1	
TIMU0190	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/95-12/18/96	1	56	
TIMU0203	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0268	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/16/97	0	5	
TIMU0314	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	5	
TIMU0369	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	0	6	
TIMU0392	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/09/79-04/06/81	2	5	
TIMU0402	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/23/91-10/23/91	0	1	
TIMU0408	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/07/96-08/07/96	0	1	
TIMU0409	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/16/97	0	13	
TIMU0410	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/95-12/18/96	1	56	
TIMU0202	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	12/04/84-12/04/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0204	Yes	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	0	4	
TIMU0317	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	0	4	
TIMU0368	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	12/04/84-12/04/84	0	1	
TIMU0436	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	12/04/84-12/04/84	0	1	
TIMU0006	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/19/77-06/26/78	0	5	
TIMU0119	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/02/65-12/02/65	0	2	
TIMU0165	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/20/72-11/20/74	2	2	
TIMU0191	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/74-10/18/78	4	27	
TIMU0302	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/67-03/09/67	0	6	
TIMU0377	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/74-10/18/78	4	29	
TIMU0386	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/14/66-11/14/66	0	1	
TIMU0387	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/26/78-06/27/78	0	2	
TIMU0395	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/19/77-12/19/77	0	1	
TIMU0302	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/10/67-03/09/67	0	6	
TIMU0119	No	00655	PHOSPHATE, POLY (MG/L AS PO4)	12/02/65-12/02/65	0	2	
TIMU0006	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/19/77-06/26/78	0	5	
TIMU0038	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0044	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0068	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0075	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0077	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0083	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0119	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/02/65-12/02/65	0	2	
TIMU0120	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	0	1	
TIMU0191	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/07/74-11/14/78	4	38	
TIMU0245	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/76-11/17/76	0	1	
TIMU0363	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/02/76-11/02/76	0	1	
TIMU0377	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/16/73-11/14/78	5	42	
TIMU0386	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/26/65-11/14/66	0	4	
TIMU0387	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/02/76-06/27/78	1	3	
TIMU0392	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/09/79-04/06/81	2	5	
TIMU0395	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/19/77-12/19/77	0	1	
TIMU0407	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/20/72-11/02/76	4	2	
TIMU0001	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	0	1	
TIMU0003	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/15/97	0	5	
TIMU0009	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	1	4	
TIMU0010	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	56	
TIMU0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	1	4	
TIMU0014	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	54	
TIMU0023	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/95-03/04/97	1	3	
TIMU0026	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	6	
TIMU0030	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-12/13/83	0	4	
TIMU0033	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-08/21/90	3	13	
TIMU0035	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0037	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	6	
TIMU0045	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-11/30/87	4	5	
TIMU0049	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-12/13/83	0	4	
TIMU0053	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/90-08/21/90	0	2	
TIMU0058	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/90-08/21/90	0	2	
TIMU0060	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-11/07/90	3	12	
TIMU0065	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-11/07/90	3	12	
TIMU0068	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	17	17	
TIMU0074	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	0	1	
TIMU0077	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	21	27	
TIMU0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	7	34	
TIMU0083	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	17	17	
TIMU0088	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	17	18	
TIMU0095	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-08/21/90	3	7	
TIMU0098	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/87-11/17/90	3	10	
TIMU0099	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-10/27/83	0	2	
TIMU0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	10	
TIMU0103	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	0	5	
TIMU0110	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-11/07/90	3	16	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0112	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	6	3	
TIMU0114	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-07/27/98	21	64	T
TIMU0117	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/98-06/02/98	0	3	
TIMU0120	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	21	28	
TIMU0122	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-11/26/84	7	9	
TIMU0123	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	6	3	
TIMU0124	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/04/97-03/04/97	0	1	
TIMU0125	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/05/94	16	12	
TIMU0128	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0132	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/04/97-03/04/97	0	1	
TIMU0134	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	6	3	
TIMU0135	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	5	13	
TIMU0137	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-10/10/94	17	19	
TIMU0138	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-11/26/84	7	8	
TIMU0139	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/02/77-02/10/98	20	30	
TIMU0141	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	10	
TIMU0142	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	57	
TIMU0143	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/96-03/04/97	0	2	
TIMU0145	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	1	4	
TIMU0149	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	6	3	
TIMU0154	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/05/94	16	20	
TIMU0155	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	12	6	
TIMU0156	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-06/12/85	7	6	
TIMU0159	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	6	3	
TIMU0161	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	5	13	
TIMU0163	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	12	8	
TIMU0165	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	26	132	T,S
TIMU0166	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	5	12	
TIMU0168	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	12	8	
TIMU0169	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-04/10/79	0	2	
TIMU0170	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	12	8	
TIMU0181	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/16/97	0	29	
TIMU0183	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	5	13	
TIMU0185	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	5	13	
TIMU0187	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0188	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	123	A
TIMU0189	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	3	77	
TIMU0190	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/11/94-12/18/96	2	75	
TIMU0191	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/75-10/27/86	11	5	
TIMU0192	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	11	
TIMU0194	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-10/23/86	3	15	
TIMU0196	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	7	27	
TIMU0197	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	5	13	
TIMU0201	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/91-03/05/91	0	1	
TIMU0203	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	0	6	
TIMU0205	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0207	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/83-05/23/84	0	4	
TIMU0212	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/73-01/15/73	0	1	
TIMU0214	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/72-06/07/72	0	1	
TIMU0215	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/84-11/04/86	2	7	
TIMU0225	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/78-05/18/83	4	4	
TIMU0226	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/18/93-07/06/93	0	2	
TIMU0229	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/72-06/07/72	0	1	
TIMU0230	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	57	
TIMU0231	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	60	
TIMU0232	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0233	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0234	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0236	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0238	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	0	6	
TIMU0241	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-07/06/93	0	1	
TIMU0256	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	58	
TIMU0257	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/73-01/15/73	0	1	
TIMU0261	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	0	1	
TIMU0263	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/86-02/12/90	3	41	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0264	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/87-05/26/87	0	1	
TIMU0265	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-07/06/93	0	1	
TIMU0268	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/16/97	0	11	
TIMU0270	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0271	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0272	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/73-08/30/73	0	2	
TIMU0273	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/85-01/15/91	5	27	
TIMU0276	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	5	13	
TIMU0277	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/84-06/17/86	2	7	
TIMU0278	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0282	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	57	
TIMU0285	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0286	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	1	4	
TIMU0288	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0290	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0291	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0297	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	0	1	
TIMU0300	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0305	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/73-08/30/73	0	1	
TIMU0306	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	5	13	
TIMU0307	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0309	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/73-01/15/73	0	1	
TIMU0314	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	0	5	
TIMU0315	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/72-01/20/98	25	15	
TIMU0323	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0324	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0329	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0334	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/72-06/07/72	0	1	
TIMU0336	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0338	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0343	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	120	A
TIMU0345	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0348	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-09/10/85	2	12	
TIMU0350	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	5	13	
TIMU0351	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-02/12/90	3	45	
TIMU0354	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	5	13	
TIMU0361	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/95-10/03/95	0	1	
TIMU0362	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/86-07/16/90	4	8	
TIMU0363	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/72-09/26/72	0	1	
TIMU0364	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	0	1	
TIMU0366	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/85-01/14/85	0	1	
TIMU0367	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/95-10/03/95	0	1	
TIMU0369	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	0	6	
TIMU0370	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0372	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/93-07/01/94	1	8	
TIMU0375	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	5	12	
TIMU0376	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	60	
TIMU0377	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-09/20/83	8	4	
TIMU0379	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/85-10/23/86	1	7	
TIMU0381	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/95-10/03/95	0	1	
TIMU0387	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/72-09/26/72	0	1	
TIMU0388	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/93-07/01/94	1	9	
TIMU0391	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-07/15/91	5	20	
TIMU0392	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/19/77-04/06/81	4	9	
TIMU0394	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/86-04/13/87	0	3	
TIMU0396	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-11/04/86	2	13	
TIMU0397	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	59	
TIMU0400	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	3	89	
TIMU0401	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/18/76-11/16/87	11	11	
TIMU0402	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/88-03/20/95	7	28	
TIMU0403	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-11/13/88	5	34	
TIMU0405	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/95-12/30/98	3	23	
TIMU0407	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/72-09/26/72	0	4	
TIMU0408	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	111	A
TIMU0409	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/16/97	0	31	
TIMU0410	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/11/94-12/18/96	2	76	
TIMU0416	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/78-05/18/83	4	4	
TIMU0420	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	5	13	
TIMU0422	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/02/83-10/23/86	3	13	
TIMU0425	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0427	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-10/23/86	3	16	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0430	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-03/05/91	4	12	
TIMU0432	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-03/05/91	4	12	
TIMU0435	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/98-09/02/98	0	1	
TIMU0436	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-09/09/85	2	12	
TIMU0437	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/95-07/21/98	3	34	
TIMU0003	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/15/97	0	4	
TIMU0165	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/17/74-07/17/74	0	1	
TIMU0181	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/16/97	0	18	
TIMU0188	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/96-08/07/96	0	1	
TIMU0189	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/94-08/26/97	2	69	
TIMU0190	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/94-12/18/96	2	58	
TIMU0195	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/04/84-09/10/85	0	4	
TIMU0268	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/16/97	0	6	
TIMU0378	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/05/85-09/10/85	0	3	
TIMU0392	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/09/79-04/06/81	2	5	
TIMU0400	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/94-08/26/97	2	73	
TIMU0402	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/83-07/10/90	6	26	
TIMU0408	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/96-08/07/96	0	1	
TIMU0409	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/16/97	0	16	
TIMU0410	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/95-12/18/96	1	56	
TIMU0421	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/83-09/10/85	1	6	
TIMU0426	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/04/84-09/10/85	0	4	
TIMU0438	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/84-09/09/85	0	4	
TIMU0202	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0317	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0368	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0207	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0217	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	0	1	
TIMU0235	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	0	1	
TIMU0269	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	0	1	
TIMU0271	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0288	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0336	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	0	1	
TIMU0030	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-12/13/83	0	4	
TIMU0049	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-12/13/83	0	4	
TIMU0099	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-10/27/83	0	2	
TIMU0187	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0203	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	0	6	
TIMU0212	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/15/73-01/15/73	0	1	
TIMU0214	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/72-06/07/72	0	1	
TIMU0229	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0234	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0236	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0238	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	0	6	
TIMU0257	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/15/73-01/15/73	0	1	
TIMU0270	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	0	8	
TIMU0271	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0272	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/73-08/30/73	0	2	
TIMU0285	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0288	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0290	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0291	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0300	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0305	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/73-08/30/73	0	1	
TIMU0307	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0309	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/15/73-01/15/73	0	1	
TIMU0314	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	0	5	
TIMU0324	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	0	8	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0329	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0333	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/21/73-03/22/73	0	2	
TIMU0334	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/72-06/07/72	0	1	
TIMU0338	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0340	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/21/73-03/22/73	0	4	
TIMU0345	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	0	1	
TIMU0369	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	0	6	
TIMU0388	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/93-06/09/93	0	1	
TIMU0392	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/09/79-04/06/81	2	5	
TIMU0402	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/90-10/23/91	1	3	
TIMU0405	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/19/98-12/30/98	0	3	
TIMU0435	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/02/98-09/02/98	0	1	
TIMU0101	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0113	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0114	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/24/79-10/11/95	16	2	
TIMU0123	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0125	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0134	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0139	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/02/77-02/10/98	20	4	
TIMU0145	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	0	2	
TIMU0149	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0154	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	0	2	
TIMU0155	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0156	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0159	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	0	1	
TIMU0163	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	0	3	
TIMU0164	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/93-08/11/93	0	3	
TIMU0165	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/07/73-10/02/96	22	53	S
TIMU0168	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/10/79-04/10/79	0	1	
TIMU0169	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	0	2	
TIMU0170	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	0	2	
TIMU0177	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/93-09/08/93	0	3	
TIMU0187	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	0	4	
TIMU0189	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	2	88	
TIMU0190	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/22/94-04/25/95	1	31	
TIMU0191	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/09/73-09/19/78	4	11	
TIMU0203	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	0	6	
TIMU0207	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0217	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0233	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0234	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	0	4	
TIMU0235	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0236	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0238	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	0	6	
TIMU0247	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0269	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0270	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	0	4	
TIMU0271	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-09/19/73	0	2	
TIMU0272	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/73-08/30/73	0	2	
TIMU0285	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0288	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-09/19/73	0	2	
TIMU0290	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0291	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0300	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0305	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/73-08/30/73	0	1	
TIMU0307	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0314	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	0	5	
TIMU0324	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	0	4	
TIMU0329	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0333	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/73-03/22/73	0	2	
TIMU0336	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0338	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0340	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/73-03/22/73	0	4	
TIMU0345	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	0	1	
TIMU0369	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	0	6	
TIMU0372	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/93-07/01/94	1	8	
TIMU0377	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/09/73-09/19/78	4	12	
TIMU0388	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/93-07/01/94	1	9	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0392	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/19/77-04/06/81	4	9	
TIMU0400	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	2	98	
TIMU0401	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/18/76-10/12/77	1	3	
TIMU0402	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/88-03/20/95	7	28	
TIMU0405	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/95-12/30/98	3	23	
TIMU0410	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/22/94-04/25/95	1	31	
TIMU0435	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/02/98-09/02/98	0	1	
TIMU0437	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/95-07/21/98	3	34	
TIMU0003	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/15/97	0	6	
TIMU0181	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/16/97	0	29	
TIMU0189	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	2	89	
TIMU0190	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/03/95-04/25/95	0	12	
TIMU0207	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0217	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0235	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0268	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/16/97	0	10	
TIMU0269	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0271	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0288	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0336	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0400	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	2	98	
TIMU0409	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/16/97	0	30	
TIMU0410	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/03/95-04/25/95	0	11	
TIMU0207	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0217	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0235	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0269	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	0	1	
TIMU0271	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0288	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0336	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	0	1	
TIMU0392	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	01/19/77-05/24/78	1	4	
TIMU0392	No	00690	CARBON, TOTAL (MG/L AS C)	01/19/77-05/24/78	1	4	
TIMU0204	Yes	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	0	4	
TIMU0317	No	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	0	4	
TIMU0368	No	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	0	4	
TIMU0030	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/26/83-10/27/83	0	2	
TIMU0032	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/26/83-10/27/83	0	2	
TIMU0049	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/26/83-10/27/83	0	2	
TIMU0207	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	0	1	
TIMU0217	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	0	1	
TIMU0235	No	00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	0	1	
TIMU0269	No	00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	0	1	
TIMU0271	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	0	1	
TIMU0288	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	0	1	
TIMU0336	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	0	1	
TIMU0007	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/77-02/14/77	0	1	
TIMU0012	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/76-10/20/76	0	1	
TIMU0015	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0016	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0017	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0018	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0019	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0020	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0023	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/18/95-03/04/97	1	3	
TIMU0034	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-08/21/90	3	12	
TIMU0035	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	9	
TIMU0056	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-08/21/90	3	9	
TIMU0059	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/02/87-08/21/90	3	8	
TIMU0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/88-05/24/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0065	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-05/24/88	1	4	
TIMU0068	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	0	6	
TIMU0077	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	0	6	
TIMU0078	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-03/25/91	4	17	
TIMU0083	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	0	6	
TIMU0088	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	0	6	
TIMU0095	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-08/21/90	3	12	
TIMU0098	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/31/87-05/24/88	1	3	
TIMU0102	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	10	
TIMU0110	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-11/07/90	3	15	
TIMU0117	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/98-06/02/98	0	3	
TIMU0120	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/17/73-06/04/73	0	3	
TIMU0124	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/97-03/04/97	0	1	
TIMU0128	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	9	
TIMU0132	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/97-03/04/97	0	1	
TIMU0135	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	5	13	
TIMU0141	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	10	
TIMU0143	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/96-03/04/97	0	2	
TIMU0144	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/29/76-10/29/76	0	1	
TIMU0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/08/76-12/08/76	0	1	
TIMU0148	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/76-10/20/76	0	1	
TIMU0158	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/76-12/16/76	0	1	
TIMU0161	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	5	13	
TIMU0165	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/20/72-01/07/74	1	12	
TIMU0166	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	5	12	
TIMU0174	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/29/76-10/29/76	0	1	
TIMU0183	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	5	13	
TIMU0185	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	5	13	
TIMU0188	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/96-08/07/96	0	1	
TIMU0190	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/95-12/18/96	1	56	
TIMU0192	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	11	
TIMU0195	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	2	11	
TIMU0196	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-03/25/91	4	17	
TIMU0197	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	5	13	
TIMU0199	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/02/76-11/02/76	0	1	
TIMU0201	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/91-03/05/91	0	1	
TIMU0205	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	8	
TIMU0206	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/76-05/02/77	0	2	
TIMU0212	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	0	1	
TIMU0214	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0219	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/28/76-05/02/77	0	2	
TIMU0220	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/76-11/18/76	0	1	
TIMU0226	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/18/93-07/06/93	0	2	
TIMU0228	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/28/76-12/28/76	0	1	
TIMU0229	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0232	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	8	
TIMU0241	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/93-07/06/93	0	1	
TIMU0257	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	0	1	
TIMU0265	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/93-07/06/93	0	1	
TIMU0273	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-01/15/91	3	16	
TIMU0276	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	5	13	
TIMU0278	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	8	
TIMU0306	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	5	13	
TIMU0309	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	0	1	
TIMU0323	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	8	
TIMU0328	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/76-04/24/81	4	10	
TIMU0334	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	0	1	
TIMU0350	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	5	13	
TIMU0354	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	5	13	
TIMU0361	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/95-10/03/95	0	1	
TIMU0367	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/95-10/03/95	0	1	
TIMU0370	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	9	
TIMU0375	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	5	12	
TIMU0378	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/85-09/10/85	0	4	
TIMU0381	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/95-10/03/95	0	1	
TIMU0386	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/65-11/14/66	1	13	
TIMU0392	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/17/61-11/08/65	4	5	
TIMU0402	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-06/12/91	8	12	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0408	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/96-08/07/96	0	1	
TIMU0410	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/95-12/18/96	1	56	
TIMU0413	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/76-11/18/76	0	1	
TIMU0414	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/77-05/04/77	0	1	
TIMU0416	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	10	
TIMU0420	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	5	13	
TIMU0421	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/07/85-05/07/85	0	1	
TIMU0425	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	1	9	
TIMU0426	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	2	11	
TIMU0430	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-03/05/91	4	12	
TIMU0432	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-03/05/91	4	12	
TIMU0438	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-09/09/85	2	11	
TIMU0439	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/76-10/04/76	0	1	
TIMU0440	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/76-10/04/76	0	1	
TIMU0015	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0016	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0017	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0018	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0019	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0020	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	0	1	
TIMU0328	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/01/78-09/01/78	0	1	
TIMU0386	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/19/65-11/14/66	1	12	
TIMU0392	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/19/77-11/03/80	3	8	
TIMU0011	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/17/87-02/17/87	0	1	
TIMU0015	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	0	1	
TIMU0016	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	0	1	
TIMU0017	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	0	1	
TIMU0018	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	0	1	
TIMU0019	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	0	1	
TIMU0020	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	0	1	
TIMU0165	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/74-02/09/76	1	3	
TIMU0191	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/09/73-12/04/73	0	3	
TIMU0195	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/05/83-09/10/85	1	8	
TIMU0203	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/83-05/23/84	0	6	
TIMU0240	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	0	6	
TIMU0314	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	0	6	
TIMU0328	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/78-07/30/92	13	2	
TIMU0369	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	0	6	
TIMU0377	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/09/73-12/04/73	0	3	
TIMU0378	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/05/85-09/10/85	0	2	
TIMU0386	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/65-11/14/66	1	13	
TIMU0392	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/19/62-11/08/65	3	4	
TIMU0402	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/84-09/12/90	6	23	
TIMU0421	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/84-09/10/85	1	7	
TIMU0426	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/05/83-09/10/85	1	8	
TIMU0438	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/83-09/09/85	1	7	
TIMU0139	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/10/98-02/10/98	0	1	
TIMU0164	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/93-08/11/93	0	3	
TIMU0165	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/07/74-08/04/76	2	6	
TIMU0177	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/93-09/08/93	0	4	
TIMU0212	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/15/73-01/15/73	0	1	
TIMU0214	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/72-06/07/72	0	1	
TIMU0229	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/72-06/07/72	0	1	
TIMU0257	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/15/73-01/15/73	0	1	
TIMU0309	No	00916	CALCIUM, TOTAL (MG/L AS CA)	01/15/73-01/15/73	0	1	
TIMU0315	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/17/97-09/17/97	0	1	
TIMU0334	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/72-06/07/72	0	1	
TIMU0372	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/09/93-07/01/94	1	8	
TIMU0388	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/09/93-07/01/94	1	9	
TIMU0401	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/18/76-05/18/76	0	1	
TIMU0402	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/19/91-03/20/95	3	9	
TIMU0405	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/95-12/30/98	3	23	
TIMU0437	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/95-07/21/98	3	35	
TIMU0438	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/11/90-11/11/90	0	1	
TIMU0165	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/06/74-09/06/74	0	1	
TIMU0165	No	00920	MAGNESIUM (MG/L AS CACO3)	01/26/76-02/09/76	0	2	
TIMU0191	Yes	00920	MAGNESIUM (MG/L AS CACO3)	10/09/73-12/04/73	0	2	
TIMU0377	No	00920	MAGNESIUM (MG/L AS CACO3)	10/09/73-12/04/73	0	2	
TIMU0035	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	8	
TIMU0102	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	8	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0128	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	04/15/97-04/22/98	1	7	
TIMU0135	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	8	
TIMU0141	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	9	
TIMU0179	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-02/19/97	0	1	
TIMU0185	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	7	
TIMU0192	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	10	
TIMU0205	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	7	
TIMU0232	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	7	
TIMU0278	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	7	
TIMU0323	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	7	
TIMU0370	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	8	
TIMU0416	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	8	
TIMU0425	No	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	1	8	
TIMU0165	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/06/74-09/06/74	0	1	
TIMU0180	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0015	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	0	1	
TIMU0016	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	0	1	
TIMU0017	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	0	1	
TIMU0018	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	0	1	
TIMU0019	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	0	1	
TIMU0020	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	0	1	
TIMU0195	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/10/85	1	8	
TIMU0203	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/83-05/23/84	0	6	
TIMU0240	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	0	6	
TIMU0314	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	0	6	
TIMU0328	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/78-07/30/92	13	2	
TIMU0369	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	0	6	
TIMU0378	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/05/85-09/10/85	0	2	
TIMU0386	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/65-11/14/66	1	13	
TIMU0392	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/19/77-04/06/81	4	9	
TIMU0402	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/12/90	6	25	
TIMU0421	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/10/85	1	7	
TIMU0426	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/10/85	1	8	
TIMU0438	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/83-09/09/85	1	7	
TIMU0010	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	1	4	
TIMU0139	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/10/98-02/10/98	0	1	
TIMU0164	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/93-08/11/93	0	3	
TIMU0165	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/14/74-08/04/76	1	5	
TIMU0177	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/93-09/08/93	0	4	
TIMU0188	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	1	4	
TIMU0212	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/15/73-01/15/73	0	1	
TIMU0214	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/72-06/07/72	0	1	
TIMU0229	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/72-06/07/72	0	1	
TIMU0257	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/15/73-01/15/73	0	1	
TIMU0282	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	1	4	
TIMU0309	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/15/73-01/15/73	0	1	
TIMU0315	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/17/97-09/17/97	0	1	
TIMU0334	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/72-06/07/72	0	1	
TIMU0343	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	1	4	
TIMU0372	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/09/93-07/01/94	1	8	
TIMU0388	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/09/93-07/01/94	1	9	
TIMU0401	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/18/76-05/18/76	0	1	
TIMU0402	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/19/91-03/20/95	3	9	
TIMU0405	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/95-12/30/98	3	23	
TIMU0408	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	1	4	
TIMU0437	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/95-07/21/98	3	35	
TIMU0139	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/10/98-02/10/98	0	1	
TIMU0164	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/12/93-08/11/93	0	3	
TIMU0165	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/14/74-08/04/76	1	5	
TIMU0177	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/12/93-09/08/93	0	4	
TIMU0212	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/15/73-01/15/73	0	1	
TIMU0214	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/07/72-06/07/72	0	1	
TIMU0229	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/07/72-06/07/72	0	1	
TIMU0257	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/15/73-01/15/73	0	1	
TIMU0309	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/15/73-01/15/73	0	1	
TIMU0334	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/07/72-06/07/72	0	1	
TIMU0401	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/18/76-05/18/76	0	1	
TIMU0402	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/19/91-03/20/95	3	9	
TIMU0405	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/07/95-12/30/98	3	23	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0437	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/07/95-07/21/98	3	35	
TIMU0165	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/76-02/09/76	0	2	
TIMU0195	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/10/85	1	8	
TIMU0203	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/83-05/23/84	0	6	
TIMU0240	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	0	6	
TIMU0314	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	0	6	
TIMU0328	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/01/78-07/30/92	13	2	
TIMU0369	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	0	6	
TIMU0378	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/05/85-09/10/85	0	2	
TIMU0386	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/65-11/14/66	1	13	
TIMU0392	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/61-11/08/65	4	5	
TIMU0402	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/12/90	6	24	
TIMU0421	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/10/85	1	7	
TIMU0426	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/10/85	1	8	
TIMU0438	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/06/83-09/09/85	1	7	
TIMU0328	No	00931	SODIUM ADSORPTION RATIO	09/01/78-09/01/78	0	1	
TIMU0386	No	00931	SODIUM ADSORPTION RATIO	05/19/65-11/14/66	1	12	
TIMU0392	No	00931	SODIUM ADSORPTION RATIO	01/19/77-04/06/81	4	9	
TIMU0328	No	00932	SODIUM, PERCENT	09/01/78-09/01/78	0	1	
TIMU0386	No	00932	SODIUM, PERCENT	05/19/65-11/14/66	1	12	
TIMU0392	No	00932	SODIUM, PERCENT	01/19/77-04/06/81	4	9	
TIMU0392	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	03/09/79-01/30/80	0	2	
TIMU0165	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/26/76-02/09/76	0	2	
TIMU0195	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/10/85	1	8	
TIMU0203	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/83-05/23/84	0	6	
TIMU0240	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0314	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0328	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/01/78-07/30/92	13	2	
TIMU0369	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0378	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/05/85-09/10/85	0	2	
TIMU0386	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/65-11/14/66	1	13	
TIMU0392	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/61-11/08/65	4	4	
TIMU0402	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/12/90	6	24	
TIMU0421	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/10/85	1	8	
TIMU0426	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/10/85	1	8	
TIMU0438	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/83-09/09/85	1	7	
TIMU0139	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/10/98-02/10/98	0	1	
TIMU0164	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/12/93-08/11/93	0	3	
TIMU0165	No	00937	POTASSIUM, TOTAL MG/L AS K)	08/14/74-08/04/76	1	5	
TIMU0177	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/12/93-09/08/93	0	4	
TIMU0191	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/18/78-10/18/78	0	1	
TIMU0203	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0212	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/15/73-01/15/73	0	1	
TIMU0214	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/07/72-06/07/72	0	1	
TIMU0229	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/07/72-06/07/72	0	1	
TIMU0240	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0257	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/15/73-01/15/73	0	1	
TIMU0309	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/15/73-01/15/73	0	1	
TIMU0314	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0334	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/07/72-06/07/72	0	1	
TIMU0369	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	0	6	
TIMU0377	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/18/78-10/18/78	0	1	
TIMU0401	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/18/76-05/18/76	0	1	
TIMU0402	No	00937	POTASSIUM, TOTAL MG/L AS K)	08/19/91-03/20/95	3	9	
TIMU0405	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/07/95-12/30/98	3	23	
TIMU0437	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/07/95-07/21/98	3	35	
TIMU0165	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/06/74-09/06/74	0	1	
TIMU0003	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/15/97	0	3	
TIMU0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-07/21/72	0	70	
TIMU0006	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-06/26/78	5	12	
TIMU0007	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/77-02/14/77	0	1	
TIMU0008	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	0	15	
TIMU0009	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	1	5	
TIMU0010	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	60	
TIMU0011	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	1	5	
TIMU0012	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/76-10/20/76	0	1	
TIMU0014	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	58	
TIMU0015	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0016	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	0	1	
TIMU0017	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	0	1	
TIMU0018	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	0	1	
TIMU0019	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	0	1	
TIMU0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	0	1	
TIMU0023	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/95-03/04/97	1	3	
TIMU0024	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	0	15	
TIMU0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	0	15	
TIMU0026	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	6	
TIMU0028	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/86-01/15/86	0	1	
TIMU0030	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/83-10/27/83	0	2	
TIMU0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/83-10/27/83	0	2	
TIMU0033	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	6	
TIMU0034	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/21/90	4	14	
TIMU0035	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	9	
TIMU0036	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0037	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	6	
TIMU0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/71-11/15/71	0	1	
TIMU0040	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0044	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/71-11/15/71	0	1	
TIMU0045	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	1	5	
TIMU0049	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/83-10/27/83	0	2	
TIMU0053	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	1	7	
TIMU0055	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	6	
TIMU0056	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/90-08/21/90	0	2	
TIMU0058	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	5	
TIMU0059	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/90-08/21/90	0	2	
TIMU0060	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	3	
TIMU0062	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/07/90	4	13	
TIMU0065	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/07/90	4	13	
TIMU0067	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0068	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/72-10/22/90	17	8	
TIMU0075	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/71-11/15/71	0	2	
TIMU0077	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/08/73-10/22/90	17	8	
TIMU0078	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	7	35	
TIMU0083	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/72-10/22/90	17	9	
TIMU0088	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/72-10/22/90	18	10	
TIMU0093	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0095	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/04/87-08/21/90	3	7	
TIMU0098	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/17/90	4	11	
TIMU0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	0	1	
TIMU0102	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	10	
TIMU0103	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	0	5	
TIMU0107	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-07/20/72	0	9	
TIMU0109	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0110	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/07/90	4	17	
TIMU0112	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/81-07/13/81	0	1	
TIMU0113	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	0	1	
TIMU0114	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-02/21/89	11	22	
TIMU0117	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/98-06/02/98	0	3	
TIMU0118	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	0	12	
TIMU0119	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/65-12/07/65	0	29	
TIMU0120	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/72-10/22/90	17	9	
TIMU0122	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	1	7	
TIMU0123	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	0	1	
TIMU0124	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/97-03/04/97	0	1	
TIMU0125	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-04/15/91	12	2	
TIMU0127	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0128	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	9	
TIMU0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	0	1	
TIMU0132	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/97-03/04/97	0	1	
TIMU0134	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	0	1	
TIMU0135	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-02/18/98	0	6	
TIMU0136	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	5	13	
TIMU0137	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	1	7	
TIMU0138	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	1	7	
TIMU0139	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/77-02/10/98	20	6	
TIMU0141	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	10	
TIMU0142	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	59	
TIMU0143	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/96-03/04/97	0	2	
TIMU0144	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/76-10/29/76	0	1	
TIMU0145	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0146	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	1	5	
TIMU0147	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/76-12/08/76	0	1	
TIMU0148	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/76-10/20/76	0	1	
TIMU0149	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-04/15/91	12	2	
TIMU0150	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	0	12	
TIMU0152	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	0	12	
TIMU0153	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	0	12	
TIMU0154	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	4	2	
TIMU0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	4	2	
TIMU0156	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	4	2	
TIMU0158	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/16/76-12/16/76	0	1	
TIMU0159	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-04/15/91	12	2	
TIMU0161	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	5	13	
TIMU0163	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	4	2	
TIMU0164	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/93-08/11/93	0	3	
TIMU0165	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/72-10/01/90	18	43	
TIMU0166	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	5	12	
TIMU0168	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	4	2	
TIMU0169	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	0	1	
TIMU0170	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	4	2	
TIMU0174	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/76-10/29/76	0	1	
TIMU0177	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/93-09/08/93	0	4	
TIMU0181	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/16/97	0	13	
TIMU0183	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	5	13	
TIMU0185	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	8	
TIMU0186	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	5	13	
TIMU0188	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	10	119	A
TIMU0189	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-03/22/94	0	1	
TIMU0190	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/94-12/18/96	2	75	
TIMU0191	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-05/10/88	15	25	
TIMU0192	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	11	
TIMU0195	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-11/04/85	2	14	
TIMU0196	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	7	28	
TIMU0197	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/91-03/05/91	0	1	
TIMU0198	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	5	13	
TIMU0199	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/76-11/02/76	0	1	
TIMU0201	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/91-03/05/91	0	1	
TIMU0203	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	0	6	
TIMU0205	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	8	
TIMU0206	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/76-05/02/77	0	2	
TIMU0210	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/83-05/23/84	0	6	
TIMU0212	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/73-01/15/73	0	1	
TIMU0214	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/72-06/07/72	0	1	
TIMU0215	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/84-11/04/86	2	7	
TIMU0219	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/28/76-05/02/77	0	2	
TIMU0220	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/76-11/18/76	0	1	
TIMU0225	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/78-07/12/78	0	1	
TIMU0226	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/93-07/06/93	0	2	
TIMU0228	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/28/76-12/28/76	0	1	
TIMU0229	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/72-06/07/72	0	1	
TIMU0230	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	59	
TIMU0231	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	61	
TIMU0232	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	8	
TIMU0240	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	0	6	
TIMU0241	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/93-07/06/93	0	1	
TIMU0256	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	59	
TIMU0257	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/73-01/15/73	0	1	
TIMU0263	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-02/12/90	3	38	
TIMU0264	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/87-05/10/88	0	3	
TIMU0265	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/93-07/06/93	0	1	
TIMU0268	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/16/97	0	5	
TIMU0273	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/85-01/15/91	5	27	
TIMU0276	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	5	13	
TIMU0278	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	8	
TIMU0282	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	58	
TIMU0286	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	1	5	
TIMU0302	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	0	15	
TIMU0306	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	5	13	
TIMU0309	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/73-01/15/73	0	1	
TIMU0314	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	0	6	
TIMU0315	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-01/20/98	25	10	
TIMU0316	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/73-07/11/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0323	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	8	
TIMU0328	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/76-04/20/94	17	55	
TIMU0334	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/72-06/07/72	0	1	
TIMU0343	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	10	115	A
TIMU0347	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	0	17	
TIMU0350	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	5	13	
TIMU0351	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-02/12/90	3	39	
TIMU0352	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/88-05/10/88	0	2	
TIMU0354	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	5	13	
TIMU0361	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/95-10/03/95	0	1	
TIMU0362	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-07/16/90	3	7	
TIMU0363	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/72-10/20/86	14	3	
TIMU0364	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/72-08/14/72	0	2	
TIMU0365	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-07/20/72	0	7	
TIMU0367	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/95-10/03/95	0	1	
TIMU0369	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	0	6	
TIMU0370	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	9	
TIMU0372	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/93-07/01/94	1	8	
TIMU0375	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	5	12	
TIMU0376	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	61	
TIMU0377	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/73-01/11/79	5	17	
TIMU0378	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/85-11/04/85	0	5	
TIMU0381	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/95-10/03/95	0	1	
TIMU0384	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/06/66	0	11	
TIMU0386	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/65-11/14/66	1	13	
TIMU0387	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/72-10/20/86	14	5	
TIMU0388	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/93-07/01/94	1	9	
TIMU0391	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-07/15/91	4	17	
TIMU0392	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/19/77-04/06/81	4	9	
TIMU0394	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/86-04/13/87	0	4	
TIMU0395	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	4	70	
TIMU0396	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-11/04/86	3	14	
TIMU0397	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	60	
TIMU0399	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/86-05/10/88	1	4	
TIMU0400	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-03/22/94	0	1	
TIMU0401	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/19/62-11/16/87	25	9	
TIMU0402	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-03/20/95	12	50	
TIMU0405	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/95-12/30/98	3	23	
TIMU0407	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-09/26/72	0	8	
TIMU0408	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	10	105	A
TIMU0409	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/16/97	0	13	
TIMU0410	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/94-12/18/96	2	76	
TIMU0411	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	0	17	
TIMU0413	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/76-11/18/76	0	1	
TIMU0414	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/04/77-05/04/77	0	1	
TIMU0416	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	10	
TIMU0418	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/78-05/15/79	0	2	
TIMU0420	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	5	13	
TIMU0421	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/83-09/10/85	1	3	
TIMU0425	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	1	9	
TIMU0426	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-11/04/85	2	14	
TIMU0430	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-03/05/91	4	12	
TIMU0432	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-03/05/91	4	12	
TIMU0437	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/95-07/21/98	3	35	
TIMU0438	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-09/09/85	2	13	
TIMU0439	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/76-10/04/76	0	1	
TIMU0440	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/76-10/04/76	0	1	
TIMU0441	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/75-03/20/75	0	1	
TIMU0442	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/75-03/20/75	0	1	
TIMU0445	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/75-03/20/75	0	1	
TIMU0015	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	0	1	
TIMU0016	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	0	1	
TIMU0017	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	0	1	
TIMU0018	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	0	1	
TIMU0019	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	0	1	
TIMU0020	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	0	1	
TIMU0068	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	0	1	
TIMU0077	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	0	1	
TIMU0083	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	0	1	
TIMU0088	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	0	1	
TIMU0112	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/81-07/13/81	0	1	
TIMU0114	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/16/83-02/16/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0120	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	0	1	
TIMU0139	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-02/10/98	14	4	
TIMU0154	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	7	2	
TIMU0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	7	2	
TIMU0156	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-05/02/83	0	1	
TIMU0163	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	7	2	
TIMU0164	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/93-06/09/93	0	2	
TIMU0165	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/73-10/01/90	16	30	
TIMU0168	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	7	2	
TIMU0170	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	7	2	
TIMU0177	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/93-09/08/93	0	3	
TIMU0181	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/97-10/16/97	0	11	
TIMU0191	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/09/73-11/07/73	0	2	
TIMU0195	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-11/04/85	2	14	
TIMU0203	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/83-05/23/84	0	6	
TIMU0212	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/15/73-01/15/73	0	1	
TIMU0214	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/72-06/07/72	0	1	
TIMU0229	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/72-06/07/72	0	1	
TIMU0240	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	0	6	
TIMU0257	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/15/73-01/15/73	0	1	
TIMU0268	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/97-10/16/97	0	5	
TIMU0309	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/15/73-01/15/73	0	1	
TIMU0314	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	0	6	
TIMU0315	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/20/98-01/20/98	0	1	
TIMU0328	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/78-07/30/92	13	8	
TIMU0334	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/72-06/07/72	0	1	
TIMU0363	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/72-09/26/72	0	1	
TIMU0369	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	0	6	
TIMU0372	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/93-07/01/94	1	8	
TIMU0377	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/09/73-11/07/73	0	2	
TIMU0378	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/05/85-11/04/85	0	5	
TIMU0386	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/01/65-11/14/66	1	13	
TIMU0387	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/72-09/26/72	0	1	
TIMU0388	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/93-07/01/94	1	9	
TIMU0392	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/62-11/08/65	3	4	
TIMU0402	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-03/20/95	12	56	T
TIMU0405	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/95-12/30/98	3	23	
TIMU0407	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/72-09/26/72	0	1	
TIMU0409	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/97-10/16/97	0	13	
TIMU0421	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/02/83-09/10/85	2	6	
TIMU0426	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-11/04/85	2	14	
TIMU0437	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/95-07/21/98	3	35	
TIMU0438	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-09/09/85	2	13	
TIMU0165	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/20/74-09/17/75	0	6	
TIMU0203	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/83-05/23/84	0	6	
TIMU0240	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	0	6	
TIMU0314	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	0	6	
TIMU0328	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/01/78-09/01/78	0	1	
TIMU0369	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	0	6	
TIMU0386	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/65-11/14/66	1	13	
TIMU0392	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/19/77-04/06/81	4	9	
TIMU0401	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/61-11/08/65	4	5	
TIMU0009	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	1	5	
TIMU0010	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-03/18/92	0	2	
TIMU0011	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	1	5	
TIMU0014	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0030	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/83-10/27/83	0	2	
TIMU0045	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	1	5	
TIMU0049	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/83-10/27/83	0	2	
TIMU0068	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/22/91	8	4	
TIMU0077	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/06/92	9	6	
TIMU0083	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/22/91	8	4	
TIMU0088	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/22/91	8	4	
TIMU0112	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/81-07/13/81	0	1	
TIMU0114	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/82-04/06/92	9	18	
TIMU0120	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/06/92	9	6	
TIMU0125	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	01/08/92-04/06/92	0	2	
TIMU0137	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/17/77-04/06/92	14	3	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0139	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/07/80-07/06/92	12	8	
TIMU0142	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0146	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	1	5	
TIMU0154	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/06/92-07/06/92	0	3	
TIMU0165	No	00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/75-07/06/92	16	37	
TIMU0188	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0191	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	1	23	
TIMU0230	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0231	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0256	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0264	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	1	22	
TIMU0286	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	1	5	
TIMU0315	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	1	22	
TIMU0352	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	1	22	
TIMU0363	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-10/20/86	0	2	
TIMU0376	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	0	1	
TIMU0387	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-10/20/86	0	2	
TIMU0394	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/22/86-04/13/87	0	4	
TIMU0399	No	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	1	22	
TIMU0401	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/18/76-11/16/87	11	4	
TIMU0405	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/19/98-12/30/98	0	3	
TIMU0203	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/83-05/23/84	0	6	
TIMU0240	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	0	6	
TIMU0314	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	0	6	
TIMU0369	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	0	6	
TIMU0386	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/65-11/14/66	1	13	
TIMU0392	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/19/77-04/06/81	4	9	
TIMU0047	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/27/96-10/19/96	0	11	
TIMU0085	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/24/95-06/13/96	0	10	
TIMU0086	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/13/96-10/19/96	0	2	
TIMU0212	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/15/73-01/15/73	0	1	
TIMU0214	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/07/72-06/07/72	0	1	
TIMU0229	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/07/72-06/07/72	0	1	
TIMU0257	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/15/73-01/15/73	0	1	
TIMU0309	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/15/73-01/15/73	0	1	
TIMU0334	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/07/72-06/07/72	0	1	
TIMU0402	No	00958	SILICATE, UNFILTERED REACTIVE (MG/L SIO3 AS SI)	08/19/91-10/23/91	0	2	
TIMU0034	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	3	5	
TIMU0035	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	8	
TIMU0056	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	3	5	
TIMU0059	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	3	5	
TIMU0078	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-01/14/91	3	6	
TIMU0095	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	3	6	
TIMU0102	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	8	
TIMU0110	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	3	5	
TIMU0115	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	03/26/90-03/26/90	0	1	
TIMU0128	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	04/15/97-04/22/98	1	7	
TIMU0135	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5	6	
TIMU0141	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5	6	
TIMU0166	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5	5	
TIMU0179	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5	6	
TIMU0185	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5	6	
TIMU0192	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-01/14/91	3	6	
TIMU0198	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5	6	
TIMU0205	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	03/31/87-03/26/90	2	2	
TIMU0232	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-01/15/91	3	6	
TIMU0276	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5	6	
TIMU0278	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	7	
TIMU0306	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5	6	
TIMU0323	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5	6	
TIMU0354	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5	5	
TIMU0370	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0416	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5	6	
TIMU0425	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-03/05/91	4	5	
TIMU0432	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-03/05/91	4	5	
TIMU0306	No	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	05/15/85-05/15/85	0	1	
TIMU0010	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	1	4	
TIMU0028	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0034	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	5	18	
TIMU0035	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	8	
TIMU0036	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0040	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0048	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/10/86-12/10/86	0	1	
TIMU0056	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	5	18	
TIMU0059	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	5	17	
TIMU0063	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0078	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	7	30	
TIMU0082	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	5	
TIMU0090	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0095	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	5	19	
TIMU0102	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	8	
TIMU0109	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0110	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-11/07/90	5	19	
TIMU0115	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	06/02/87-03/26/90	2	2	
TIMU0127	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0128	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	04/15/97-04/22/98	1	7	
TIMU0130	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	2	7	
TIMU0135	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	7	14	
TIMU0141	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	7	14	
TIMU0166	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	7	13	
TIMU0179	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	7	14	
TIMU0185	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	7	14	
TIMU0188	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	1	4	
TIMU0192	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	7	23	
TIMU0198	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	7	14	
TIMU0205	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	06/26/84-01/24/89	4	9	
TIMU0232	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/85-01/15/91	5	23	
TIMU0276	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	7	14	
TIMU0278	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	7	
TIMU0282	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	1	4	
TIMU0303	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-05/15/85	0	1	
TIMU0306	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	7	14	
TIMU0323	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	7	
TIMU0343	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	1	4	
TIMU0350	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	7	15	
TIMU0354	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	7	14	
TIMU0370	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	7	15	
TIMU0396	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-11/04/86	3	14	
TIMU0408	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	1	4	
TIMU0416	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	7	15	
TIMU0425	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-03/05/91	6	14	
TIMU0432	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-03/05/91	6	14	
TIMU0034	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	3	5	
TIMU0035	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	8	
TIMU0056	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	3	5	
TIMU0059	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	3	5	
TIMU0078	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-01/14/91	3	6	
TIMU0095	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	3	6	
TIMU0102	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	8	
TIMU0110	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	3	5	
TIMU0115	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	03/26/90-03/26/90	0	1	
TIMU0128	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	04/15/97-04/22/98	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0135	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5	6	
TIMU0141	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5	7	
TIMU0166	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5	5	
TIMU0179	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5	6	
TIMU0185	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5	6	
TIMU0192	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-01/14/91	3	6	
TIMU0198	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5	6	
TIMU0205	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	03/31/87-03/26/90	2	2	
TIMU0232	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-01/15/91	3	6	
TIMU0276	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	5	6	
TIMU0278	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	7	
TIMU0306	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	5	6	
TIMU0323	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	5	6	
TIMU0354	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	5	6	
TIMU0370	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	5	6	
TIMU0416	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	5	6	
TIMU0425	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-03/05/91	4	5	
TIMU0432	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-03/05/91	4	5	
TIMU0078	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	01/14/91-03/25/91	0	2	
TIMU0136	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0161	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0166	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0183	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0186	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	0	1	
TIMU0196	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	01/14/91-03/25/91	0	2	
TIMU0198	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	0	1	
TIMU0273	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	01/15/91-01/15/91	0	1	
TIMU0276	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	0	1	
TIMU0306	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0350	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0354	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	0	1	
TIMU0375	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0420	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0430	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0432	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	0	1	
TIMU0183	No	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	11/13/85-11/13/85	0	1	
TIMU0306	No	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	05/15/85-05/15/85	0	1	
TIMU0306	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/15/85-05/15/85	0	1	
TIMU0203	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0314	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0369	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0392	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/09/79-04/06/81	2	5	
TIMU0402	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/09/87-07/10/90	3	11	
TIMU0203	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	0	5	
TIMU0240	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	0	5	
TIMU0314	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0369	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	0	5	
TIMU0392	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	03/09/79-04/06/81	2	5	
TIMU0010	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	1	4	
TIMU0030	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/26/83-10/27/83	0	2	
TIMU0165	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/29/82-07/29/82	0	1	
TIMU0188	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	1	4	
TIMU0203	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/06/84-05/23/84	0	3	
TIMU0212	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/73-01/15/73	0	1	
TIMU0214	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/72-06/07/72	0	1	
TIMU0229	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/72-06/07/72	0	1	
TIMU0240	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	0	6	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0257	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/73-01/15/73	0	1	
TIMU0282	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	1	4	
TIMU0309	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/73-01/15/73	0	1	
TIMU0314	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0315	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/97-01/20/98	0	13	
TIMU0334	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/72-06/07/72	0	1	
TIMU0343	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	1	4	
TIMU0369	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	0	6	
TIMU0392	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/20/77-04/06/81	3	8	
TIMU0402	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/19/91-03/20/95	3	9	
TIMU0408	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	1	4	
TIMU0435	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/98-09/02/98	0	1	
TIMU0165	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/06/74-09/06/83	9	4	
TIMU0180	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0202	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0317	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0368	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0402	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/08/87-07/10/90	3	11	
TIMU0435	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/02/98-09/02/98	0	1	
TIMU0402	No	01007	BARIUM, TOTAL (UG/L AS BA)	03/05/87-03/05/87	0	1	
TIMU0136	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0161	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0166	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0183	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0186	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0198	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0276	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0306	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0350	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0354	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0420	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0430	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0432	No	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	0	1	
TIMU0165	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/29/82-07/29/82	0	1	
TIMU0315	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/97-01/20/98	0	12	
TIMU0435	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/02/98-09/02/98	0	1	
TIMU0203	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0314	No	01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0369	No	01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0203	Yes	01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0314	No	01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0369	No	01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0203	Yes	01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0314	No	01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0369	No	01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	0	6	
TIMU0191	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/02/75-10/13/75	0	5	
TIMU0203	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0314	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0369	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0377	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/21/75-09/08/75	0	5	
TIMU0402	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/87-08/30/90	3	12	
TIMU0165	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	05/20/74-02/09/76	1	4	
TIMU0191	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	10/09/73-10/13/75	2	13	
TIMU0203	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-02/02/84	0	4	
TIMU0240	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-03/08/84	0	4	
TIMU0314	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0369	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-03/08/84	0	5	
TIMU0377	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/16/73-10/13/75	2	17	
TIMU0002	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/82-08/09/82	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0006	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/19/77-12/19/77	0	1	
TIMU0009	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	0	2	
TIMU0010	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	1	4	
TIMU0011	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-12/13/83	0	4	
TIMU0045	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	1	3	
TIMU0068	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	0	1	
TIMU0077	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	0	1	
TIMU0083	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	0	1	
TIMU0088	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	0	1	
TIMU0099	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/83-09/06/83	0	1	
TIMU0120	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	0	1	
TIMU0146	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	0	2	
TIMU0165	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/73-09/06/83	9	21	
TIMU0188	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	1	4	
TIMU0191	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/75-10/27/86	11	21	
TIMU0203	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0264	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/27/86	0	2	
TIMU0266	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	1	3	
TIMU0282	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	1	4	
TIMU0286	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	0	2	
TIMU0295	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	1	3	
TIMU0314	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0315	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-01/20/98	11	15	
TIMU0343	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	1	4	
TIMU0344	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	1	3	
TIMU0352	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/27/86	0	2	
TIMU0360	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	1	3	
TIMU0363	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/20/86	0	2	
TIMU0369	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	0	6	
TIMU0372	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/93-07/01/94	1	7	
TIMU0373	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	1	3	
TIMU0377	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/75-01/11/79	3	20	
TIMU0387	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/20/86	0	2	
TIMU0388	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/08/93-07/01/94	0	7	
TIMU0392	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/19/77-04/06/81	4	9	
TIMU0394	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/86-10/20/86	0	2	
TIMU0395	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/19/77-12/19/77	0	1	
TIMU0399	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/20/86	0	2	
TIMU0401	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/18/76-05/18/76	0	1	
TIMU0402	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/05/87-03/20/95	8	9	
TIMU0408	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	1	4	
TIMU0435	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/02/98-09/02/98	0	1	
TIMU0002	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0009	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0011	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0045	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0064	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0146	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0165	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/06/74-09/06/83	9	4	
TIMU0180	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0191	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0202	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0264	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0266	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0286	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/27/86	0	2	
TIMU0295	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0315	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0317	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0344	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0352	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0360	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0363	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0368	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0373	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0387	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0394	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/20/86	0	2	
TIMU0399	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0404	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0165	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/06/74-09/06/83	9	3	
TIMU0180	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0202	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0317	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0368	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0203	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0314	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0369	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0402	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/87-08/30/90	3	17	
TIMU0203	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/03/83-03/08/84	0	5	
TIMU0314	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/02/83-03/08/84	0	5	
TIMU0369	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/20/83-02/02/84	0	3	
TIMU0002	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/82-08/09/82	0	1	
TIMU0010	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	1	4	
TIMU0030	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-12/13/83	0	4	
TIMU0046	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	1	3	
TIMU0099	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/83-09/06/83	0	1	
TIMU0165	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/81-09/06/83	2	3	
TIMU0187	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	0	4	
TIMU0188	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	1	4	
TIMU0191	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/07/73-01/11/79	5	5	
TIMU0203	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0207	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-08/16/73	0	1	
TIMU0217	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	0	1	
TIMU0233	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0234	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	0	4	
TIMU0235	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	0	1	
TIMU0236	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0238	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0247	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	0	1	
TIMU0266	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	1	3	
TIMU0269	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	0	1	
TIMU0270	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	0	4	
TIMU0271	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-09/19/73	0	2	
TIMU0272	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/73-08/30/73	0	2	
TIMU0282	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	1	4	
TIMU0285	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0288	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-09/19/73	0	2	
TIMU0290	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0291	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0295	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	1	3	
TIMU0300	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0305	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/73-08/30/73	0	1	
TIMU0307	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0314	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0315	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/97-01/20/98	0	13	
TIMU0324	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	0	4	
TIMU0325	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/77-09/23/77	0	1	
TIMU0327	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/21/77-09/21/77	0	1	
TIMU0329	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0333	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/21/73-03/22/73	0	2	
TIMU0336	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-08/16/73	0	1	
TIMU0338	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0340	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/21/73-03/22/73	0	4	
TIMU0343	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	1	4	
TIMU0344	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	1	3	
TIMU0345	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	0	1	
TIMU0360	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	1	3	
TIMU0369	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	0	6	
TIMU0372	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/93-07/01/94	1	8	
TIMU0373	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	1	3	
TIMU0377	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/07/73-01/11/79	5	5	
TIMU0388	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/93-07/01/94	1	9	
TIMU0401	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/13/64-07/13/64	0	1	
TIMU0402	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/05/87-03/20/95	8	10	
TIMU0408	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	1	4	
TIMU0435	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/98-09/02/98	0	1	
TIMU0202	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0317	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0368	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0404	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0436	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0165	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/20/74-06/25/74	0	2	
TIMU0191	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/09/73-10/13/75	2	16	
TIMU0203	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0314	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0369	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0377	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/16/73-10/13/75	2	19	
TIMU0392	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/19/77-04/06/81	4	9	
TIMU0402	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/08/87-08/30/90	3	17	
TIMU0203	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0314	No	01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0369	No	01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0392	No	01041	COPPER, SUSPENDED (UG/L AS CU)	03/09/79-04/06/81	2	5	
TIMU0002	No	01042	COPPER, TOTAL (UG/L AS CU)	08/09/82-08/09/82	0	1	
TIMU0006	No	01042	COPPER, TOTAL (UG/L AS CU)	12/19/77-12/19/77	0	1	
TIMU0009	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	0	2	
TIMU0010	No	01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	1	4	
TIMU0011	No	01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-12/13/83	0	4	
TIMU0045	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	1	3	
TIMU0068	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	0	1	
TIMU0077	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	0	1	
TIMU0083	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	0	1	
TIMU0088	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	0	1	
TIMU0099	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/06/83-09/06/83	0	1	
TIMU0120	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	0	1	
TIMU0146	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	0	2	
TIMU0164	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/12/93-08/11/93	0	3	
TIMU0165	No	01042	COPPER, TOTAL (UG/L AS CU)	10/08/73-09/06/83	9	22	
TIMU0177	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/12/93-09/08/93	0	4	
TIMU0187	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	0	8	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0188	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	1	4	
TIMU0191	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/13/75-10/27/86	11	21	
TIMU0203	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0212	No	01042	COPPER, TOTAL (UG/L AS CU)	01/15/73-01/15/73	0	1	
TIMU0214	No	01042	COPPER, TOTAL (UG/L AS CU)	06/07/72-06/07/72	0	1	
TIMU0229	No	01042	COPPER, TOTAL (UG/L AS CU)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0234	No	01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	0	8	
TIMU0236	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0238	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0257	No	01042	COPPER, TOTAL (UG/L AS CU)	01/15/73-01/15/73	0	1	
TIMU0264	No	01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/27/86	0	2	
TIMU0266	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	1	3	
TIMU0270	No	01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	0	8	
TIMU0271	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0272	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/73-08/30/73	0	2	
TIMU0282	No	01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	1	4	
TIMU0285	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0286	No	01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	0	2	
TIMU0288	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0290	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0291	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0295	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	1	3	
TIMU0300	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0305	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/73-08/30/73	0	1	
TIMU0307	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0309	No	01042	COPPER, TOTAL (UG/L AS CU)	01/15/73-01/15/73	0	1	
TIMU0314	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0315	No	01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-01/20/98	11	15	
TIMU0324	No	01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	0	8	
TIMU0325	No	01042	COPPER, TOTAL (UG/L AS CU)	09/23/77-09/23/77	0	1	
TIMU0327	No	01042	COPPER, TOTAL (UG/L AS CU)	09/21/77-09/21/77	0	1	
TIMU0329	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0334	No	01042	COPPER, TOTAL (UG/L AS CU)	06/07/72-06/07/72	0	1	
TIMU0338	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0343	No	01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	1	4	
TIMU0344	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	1	3	
TIMU0345	No	01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	0	1	
TIMU0352	No	01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/27/86	0	2	
TIMU0360	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	1	3	
TIMU0363	No	01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/20/86	0	2	
TIMU0369	No	01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	0	6	
TIMU0372	No	01042	COPPER, TOTAL (UG/L AS CU)	06/09/93-07/01/94	1	8	
TIMU0373	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	1	3	
TIMU0377	No	01042	COPPER, TOTAL (UG/L AS CU)	10/13/75-01/11/79	3	19	
TIMU0387	No	01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/20/86	0	2	
TIMU0388	No	01042	COPPER, TOTAL (UG/L AS CU)	06/09/93-07/01/94	1	9	
TIMU0392	No	01042	COPPER, TOTAL (UG/L AS CU)	03/09/79-04/06/81	2	5	
TIMU0394	No	01042	COPPER, TOTAL (UG/L AS CU)	09/22/86-10/20/86	0	2	
TIMU0395	No	01042	COPPER, TOTAL (UG/L AS CU)	12/19/77-12/19/77	0	1	
TIMU0399	No	01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/20/86	0	2	
TIMU0401	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/18/76-05/18/76	0	1	
TIMU0402	No	01042	COPPER, TOTAL (UG/L AS CU)	03/05/87-03/20/95	8	10	
TIMU0405	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/07/95-07/21/98	3	20	
TIMU0408	No	01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	1	4	
TIMU0435	No	01042	COPPER, TOTAL (UG/L AS CU)	09/02/98-09/02/98	0	1	
TIMU0437	No	01042	COPPER, TOTAL (UG/L AS CU)	06/07/95-07/21/98	3	35	
TIMU0002	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0009	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0011	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0045	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0064	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0146	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0165	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/06/74-09/06/83	9	4	
TIMU0180	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0191	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0202	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	0	5	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0239	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0264	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0266	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0286	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0295	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0315	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0317	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0344	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0352	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0360	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0363	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0368	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0373	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0387	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0394	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/22/86-10/20/86	0	2	
TIMU0399	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0404	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0203	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	03/06/84-04/04/84	0	2	
TIMU0240	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0314	No	01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0369	No	01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0392	No	01044	IRON, SUSPENDED (UG/L AS FE)	02/09/78-01/30/80	1	4	
TIMU0002	No	01045	IRON, TOTAL (UG/L AS FE)	08/09/82-08/09/82	0	1	
TIMU0006	No	01045	IRON, TOTAL (UG/L AS FE)	12/19/77-12/19/77	0	1	
TIMU0009	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	0	2	
TIMU0011	No	01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/26/83-12/13/83	0	4	
TIMU0045	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	1	3	
TIMU0068	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	0	1	
TIMU0077	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	0	1	
TIMU0083	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	0	1	
TIMU0088	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	0	1	
TIMU0099	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/06/83-09/06/83	0	1	
TIMU0120	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	0	1	
TIMU0139	No	01045	IRON, TOTAL (UG/L AS FE)	05/02/77-10/12/77	0	2	
TIMU0146	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	0	2	
TIMU0164	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/12/93-08/11/93	0	3	
TIMU0165	No	01045	IRON, TOTAL (UG/L AS FE)	01/07/74-09/06/83	9	26	
TIMU0177	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/12/93-09/08/93	0	4	
TIMU0187	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	0	4	
TIMU0191	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/07/73-10/27/86	12	31	
TIMU0203	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01045	IRON, TOTAL (UG/L AS FE)	03/06/84-05/23/84	0	3	
TIMU0212	No	01045	IRON, TOTAL (UG/L AS FE)	01/15/73-01/15/73	0	1	
TIMU0214	No	01045	IRON, TOTAL (UG/L AS FE)	06/07/72-06/07/72	0	1	
TIMU0229	No	01045	IRON, TOTAL (UG/L AS FE)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0234	No	01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	0	4	
TIMU0236	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0238	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0257	No	01045	IRON, TOTAL (UG/L AS FE)	01/15/73-01/15/73	0	1	
TIMU0264	No	01045	IRON, TOTAL (UG/L AS FE)	08/20/86-10/27/86	0	2	
TIMU0266	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	1	3	
TIMU0270	No	01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	0	4	
TIMU0271	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0272	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/73-08/30/73	0	2	
TIMU0285	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0286	No	01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	0	2	
TIMU0288	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0290	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0291	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0295	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	1	3	
TIMU0300	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0305	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/73-08/30/73	0	1	
TIMU0307	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0309	No	01045	IRON, TOTAL (UG/L AS FE)	01/15/73-01/15/73	0	1	
TIMU0314	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0315	No	01045	IRON, TOTAL (UG/L AS FE)	08/20/86-09/17/97	11	3	
TIMU0324	No	01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	0	4	
TIMU0325	No	01045	IRON, TOTAL (UG/L AS FE)	09/23/77-09/23/77	0	1	
TIMU0327	No	01045	IRON, TOTAL (UG/L AS FE)	09/21/77-09/21/77	0	1	
TIMU0329	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0333	No	01045	IRON, TOTAL (UG/L AS FE)	03/21/73-03/22/73	0	2	
TIMU0334	No	01045	IRON, TOTAL (UG/L AS FE)	06/07/72-06/07/72	0	1	
TIMU0338	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0340	No	01045	IRON, TOTAL (UG/L AS FE)	03/21/73-03/22/73	0	4	
TIMU0344	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	1	3	
TIMU0345	No	01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	0	1	
TIMU0352	No	01045	IRON, TOTAL (UG/L AS FE)	08/20/86-10/27/86	0	2	
TIMU0360	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	1	3	
TIMU0363	No	01045	IRON, TOTAL (UG/L AS FE)	09/26/72-10/20/86	14	3	
TIMU0369	No	01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0372	No	01045	IRON, TOTAL (UG/L AS FE)	07/08/93-07/01/94	0	5	
TIMU0373	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	1	3	
TIMU0377	No	01045	IRON, TOTAL (UG/L AS FE)	11/07/73-01/11/79	5	29	
TIMU0387	No	01045	IRON, TOTAL (UG/L AS FE)	09/26/72-10/20/86	14	3	
TIMU0388	No	01045	IRON, TOTAL (UG/L AS FE)	07/08/93-07/01/94	0	5	
TIMU0392	No	01045	IRON, TOTAL (UG/L AS FE)	01/19/77-01/30/80	3	6	
TIMU0394	No	01045	IRON, TOTAL (UG/L AS FE)	09/22/86-10/20/86	0	2	
TIMU0395	No	01045	IRON, TOTAL (UG/L AS FE)	12/19/77-12/19/77	0	1	
TIMU0399	No	01045	IRON, TOTAL (UG/L AS FE)	08/20/86-10/20/86	0	2	
TIMU0401	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/17/61-10/12/77	15	7	
TIMU0402	No	01045	IRON, TOTAL (UG/L AS FE)	08/19/91-03/20/95	3	9	
TIMU0405	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/07/95-07/21/98	3	20	
TIMU0407	No	01045	IRON, TOTAL (UG/L AS FE)	09/26/72-09/26/72	0	1	
TIMU0435	No	01045	IRON, TOTAL (UG/L AS FE)	09/02/98-09/02/98	0	1	
TIMU0437	No	01045	IRON, TOTAL (UG/L AS FE)	06/07/95-07/21/98	3	35	
TIMU0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/76-10/01/76	0	1	
TIMU0195	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/10/85	1	8	
TIMU0203	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0314	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0328	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/01/78-09/01/78	0	1	
TIMU0337	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/04/76-10/04/76	0	1	
TIMU0341	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/04/76-10/04/76	0	1	
TIMU0369	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	0	6	
TIMU0378	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/05/85-09/10/85	0	2	
TIMU0386	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/19/65-11/14/66	1	12	
TIMU0392	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/19/77-01/30/80	3	6	
TIMU0402	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/12/90	6	24	
TIMU0421	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/10/85	1	8	
TIMU0426	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/10/85	1	8	
TIMU0438	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/06/83-09/09/85	1	7	
TIMU0203	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0314	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0369	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0392	No	01049	LEAD, DISSOLVED (UG/L AS PB)	01/19/77-04/06/81	4	9	
TIMU0402	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/87-08/30/90	3	14	
TIMU0203	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	04/04/84-04/04/84	0	1	
TIMU0240	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0314	No	01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0369	No	01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0392	No	01050	LEAD, SUSPENDED (UG/L AS PB)	01/19/77-04/06/81	4	9	
TIMU0002	No	01051	LEAD, TOTAL (UG/L AS PB)	08/09/82-08/09/82	0	1	
TIMU0006	No	01051	LEAD, TOTAL (UG/L AS PB)	12/19/77-12/19/77	0	1	
TIMU0009	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	0	2	
TIMU0011	No	01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-12/13/83	0	4	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0045	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	1	3	
TIMU0068	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	0	1	
TIMU0077	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	0	1	
TIMU0083	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	0	1	
TIMU0088	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	0	1	
TIMU0099	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/06/83-09/06/83	0	1	
TIMU0120	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	0	1	
TIMU0146	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	0	2	
TIMU0164	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/12/93-08/11/93	0	3	
TIMU0165	No	01051	LEAD, TOTAL (UG/L AS PB)	10/08/73-09/06/83	9	20	
TIMU0177	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/12/93-09/08/93	0	4	
TIMU0191	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/09/73-10/27/86	13	34	
TIMU0203	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0207	No	01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	0	1	
TIMU0210	Yes	01051	LEAD, TOTAL (UG/L AS PB)	03/06/84-05/23/84	0	3	
TIMU0212	No	01051	LEAD, TOTAL (UG/L AS PB)	01/15/73-01/15/73	0	1	
TIMU0214	No	01051	LEAD, TOTAL (UG/L AS PB)	06/07/72-06/07/72	0	1	
TIMU0217	No	01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	0	1	
TIMU0223	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	0	1	
TIMU0229	No	01051	LEAD, TOTAL (UG/L AS PB)	06/07/72-06/07/72	0	1	
TIMU0235	No	01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	0	1	
TIMU0240	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0247	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	0	1	
TIMU0257	No	01051	LEAD, TOTAL (UG/L AS PB)	01/15/73-01/15/73	0	1	
TIMU0264	No	01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/27/86	0	2	
TIMU0266	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	1	3	
TIMU0269	No	01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	0	1	
TIMU0271	No	01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	0	1	
TIMU0286	No	01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	0	2	
TIMU0288	No	01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	0	1	
TIMU0295	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	1	3	
TIMU0309	No	01051	LEAD, TOTAL (UG/L AS PB)	01/15/73-01/15/73	0	1	
TIMU0314	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0315	No	01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-01/20/98	11	15	
TIMU0325	No	01051	LEAD, TOTAL (UG/L AS PB)	09/23/77-09/23/77	0	1	
TIMU0327	No	01051	LEAD, TOTAL (UG/L AS PB)	09/21/77-09/21/77	0	1	
TIMU0333	No	01051	LEAD, TOTAL (UG/L AS PB)	03/21/73-03/22/73	0	2	
TIMU0334	No	01051	LEAD, TOTAL (UG/L AS PB)	06/07/72-06/07/72	0	1	
TIMU0336	No	01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	0	1	
TIMU0340	No	01051	LEAD, TOTAL (UG/L AS PB)	03/21/73-03/22/73	0	4	
TIMU0344	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	1	3	
TIMU0352	No	01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/27/86	0	2	
TIMU0360	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	1	3	
TIMU0363	No	01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/20/86	0	2	
TIMU0369	No	01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	0	6	
TIMU0373	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	1	3	
TIMU0377	No	01051	LEAD, TOTAL (UG/L AS PB)	10/09/73-01/11/79	5	34	
TIMU0387	No	01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/20/86	0	2	
TIMU0388	No	01051	LEAD, TOTAL (UG/L AS PB)	06/09/93-07/01/94	1	9	
TIMU0392	No	01051	LEAD, TOTAL (UG/L AS PB)	01/19/77-04/06/81	4	9	
TIMU0394	No	01051	LEAD, TOTAL (UG/L AS PB)	09/22/86-10/20/86	0	2	
TIMU0395	No	01051	LEAD, TOTAL (UG/L AS PB)	12/19/77-12/19/77	0	1	
TIMU0399	No	01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/20/86	0	2	
TIMU0401	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/18/76-05/18/76	0	1	
TIMU0402	No	01051	LEAD, TOTAL (UG/L AS PB)	08/19/91-03/20/95	3	9	
TIMU0405	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/07/95-07/21/98	3	20	
TIMU0435	No	01051	LEAD, TOTAL (UG/L AS PB)	09/02/98-09/02/98	0	1	
TIMU0437	No	01051	LEAD, TOTAL (UG/L AS PB)	06/07/95-07/21/98	3	35	
TIMU0009	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0011	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0045	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0146	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0165	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-09/06/83	9	5	
TIMU0180	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/30/93-07/30/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0191	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0202	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0264	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0286	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/22/86-10/27/86	0	2	
TIMU0315	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0317	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0352	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0363	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0368	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0387	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0394	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/22/86-10/20/86	0	2	
TIMU0399	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0404	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0009	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0011	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0045	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0146	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0180	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0191	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0202	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0264	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0286	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0315	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0317	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0352	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0363	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0368	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0387	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0394	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/22/86-10/20/86	0	2	
TIMU0399	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0404	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0203	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/06/84-04/04/84	0	2	
TIMU0240	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0314	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0369	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0392	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	01/19/77-01/30/80	3	6	
TIMU0009	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	0	2	
TIMU0011	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/26/83-10/27/83	0	2	
TIMU0045	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	0	2	
TIMU0049	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/26/83-10/27/83	0	2	
TIMU0146	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	0	2	
TIMU0187	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	0	4	
TIMU0191	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/07/73-10/27/86	12	3	
TIMU0203	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/84-05/23/84	0	3	
TIMU0212	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/15/73-01/15/73	0	1	
TIMU0214	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/07/72-06/07/72	0	1	
TIMU0229	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0234	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	0	4	
TIMU0236	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0238	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0257	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/15/73-01/15/73	0	1	
TIMU0264	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/27/86	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0270	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	0	4	
TIMU0271	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0272	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/73-08/30/73	0	2	
TIMU0285	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0286	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	0	2	
TIMU0288	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0290	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0291	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0300	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0305	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/73-08/30/73	0	1	
TIMU0307	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0309	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/15/73-01/15/73	0	1	
TIMU0314	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0315	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/27/86	0	2	
TIMU0324	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	0	4	
TIMU0329	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0334	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/07/72-06/07/72	0	1	
TIMU0338	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0345	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	0	1	
TIMU0352	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/27/86	0	2	
TIMU0363	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/20/86	0	2	
TIMU0369	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0377	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/07/73-11/07/73	0	1	
TIMU0386	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/66-06/15/66	0	1	
TIMU0387	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/20/86	0	2	
TIMU0392	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/19/77-01/30/80	3	6	
TIMU0394	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/22/86-10/20/86	0	2	
TIMU0399	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/20/86	0	2	
TIMU0402	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/87-08/19/91	4	2	
TIMU0203	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0314	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0369	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	0	6	
TIMU0392	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/19/77-01/30/80	3	6	
TIMU0402	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/08/87-08/30/90	3	15	
TIMU0165	No	01059	THALLIUM, TOTAL (UG/L AS TL)	07/29/82-07/29/82	0	1	
TIMU0203	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0314	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0369	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0392	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/09/79-04/06/81	2	5	
TIMU0402	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/05/87-08/30/90	2	13	
TIMU0203	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	0	5	
TIMU0240	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	0	5	
TIMU0314	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0369	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	0	5	
TIMU0392	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	03/09/79-04/06/81	2	5	
TIMU0009	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	0	2	
TIMU0010	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	1	4	
TIMU0011	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/26/83-10/27/83	0	2	
TIMU0045	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	0	2	
TIMU0049	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	10/26/83-10/27/83	0	2	
TIMU0146	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	0	2	
TIMU0165	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/29/82-07/29/82	0	1	
TIMU0188	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	1	4	
TIMU0191	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	11/07/73-10/27/86	12	3	
TIMU0203	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	03/06/84-05/23/84	0	3	
TIMU0212	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/15/73-01/15/73	0	1	
TIMU0214	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/07/72-06/07/72	0	1	
TIMU0229	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/07/72-06/07/72	0	1	
TIMU0240	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0257	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/15/73-01/15/73	0	1	
TIMU0264	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/27/86	0	2	
TIMU0282	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	1	4	
TIMU0286	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	0	2	
TIMU0309	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/15/73-01/15/73	0	1	
TIMU0314	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0315	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-01/20/98	11	15	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0325	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/23/77-09/23/77	0	1	
TIMU0327	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/21/77-09/21/77	0	1	
TIMU0334	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/07/72-06/07/72	0	1	
TIMU0343	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	1	4	
TIMU0352	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/27/86	0	2	
TIMU0363	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/20/86	0	2	
TIMU0369	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	0	6	
TIMU0372	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/29/94-07/01/94	0	3	
TIMU0377	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/07/73-11/07/73	0	1	
TIMU0387	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/20/86	0	2	
TIMU0388	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/29/94-07/01/94	0	3	
TIMU0392	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/19/77-04/06/81	4	9	
TIMU0394	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/22/86-10/20/86	0	2	
TIMU0399	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/20/86	0	2	
TIMU0402	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/19/91-03/20/95	3	9	
TIMU0408	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	1	4	
TIMU0435	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/02/98-09/02/98	0	1	
TIMU0009	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0011	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0045	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0146	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	0	2	
TIMU0180	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0191	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0202	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0264	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0286	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/27/86	0	2	
TIMU0315	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0317	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0352	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	0	2	
TIMU0363	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0368	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0387	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0394	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/20/86	0	2	
TIMU0399	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	0	2	
TIMU0404	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0034	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	3	8	
TIMU0035	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	8	
TIMU0056	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	3	8	
TIMU0059	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	3	8	
TIMU0078	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-03/25/91	3	11	
TIMU0095	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	3	9	
TIMU0102	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	8	
TIMU0110	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-11/07/90	3	9	
TIMU0115	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	03/26/90-03/26/90	0	1	
TIMU0128	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	04/15/97-04/22/98	1	7	
TIMU0135	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	4	6	
TIMU0141	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	4	5	
TIMU0166	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	4	5	
TIMU0179	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	4	6	
TIMU0185	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	4	6	
TIMU0192	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-03/25/91	3	11	
TIMU0198	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	4	6	
TIMU0205	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	03/26/90-03/26/90	0	1	
TIMU0232	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-01/15/91	3	10	
TIMU0276	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	4	6	
TIMU0278	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	7	
TIMU0306	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	4	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0323	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	4	6	
TIMU0354	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	4	6	
TIMU0370	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	4	6	
TIMU0416	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	4	6	
TIMU0425	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-03/05/91	2	5	
TIMU0432	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-03/05/91	2	5	
TIMU0203	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0314	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0369	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0402	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/08/87-11/05/87	0	3	
TIMU0030	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	01077	SILVER, TOTAL (UG/L AS AG)	10/26/83-10/27/83	0	2	
TIMU0165	No	01077	SILVER, TOTAL (UG/L AS AG)	07/29/82-07/29/82	0	1	
TIMU0203	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0314	No	01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0315	No	01077	SILVER, TOTAL (UG/L AS AG)	01/23/97-01/20/98	0	13	
TIMU0369	No	01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	0	6	
TIMU0372	No	01077	SILVER, TOTAL (UG/L AS AG)	12/21/93-07/01/94	0	4	
TIMU0388	No	01077	SILVER, TOTAL (UG/L AS AG)	12/21/93-07/01/94	0	4	
TIMU0402	No	01077	SILVER, TOTAL (UG/L AS AG)	03/05/87-03/20/95	8	9	
TIMU0435	No	01077	SILVER, TOTAL (UG/L AS AG)	09/02/98-09/02/98	0	1	
TIMU0180	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0405	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0437	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0010	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	1	4	
TIMU0034	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/07/89	0	1	
TIMU0035	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	7	
TIMU0056	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/07/89	0	1	
TIMU0059	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/07/89	0	1	
TIMU0078	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/25/91	2	4	
TIMU0095	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-08/15/89	0	2	
TIMU0102	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	7	
TIMU0110	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-08/15/89	0	2	
TIMU0128	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	04/15/97-02/18/98	0	6	
TIMU0135	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	6	
TIMU0136	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	0	1	
TIMU0141	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	8	
TIMU0161	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	1	2	
TIMU0166	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	0	1	
TIMU0179	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	05/15/90-03/05/91	0	2	
TIMU0185	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	6	
TIMU0186	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/19/89-03/06/91	1	2	
TIMU0188	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	1	4	
TIMU0192	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	8	
TIMU0196	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/25/91	2	4	
TIMU0198	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/06/91-03/06/91	0	1	
TIMU0205	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	6	
TIMU0232	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	6	
TIMU0273	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/89-01/15/91	1	3	
TIMU0276	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/19/89-03/06/91	1	3	
TIMU0278	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	6	
TIMU0282	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	1	4	
TIMU0306	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	1	2	
TIMU0323	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	6	
TIMU0343	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	1	4	
TIMU0350	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	0	1	
TIMU0354	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/06/91-03/06/91	0	1	
TIMU0370	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	7	
TIMU0375	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	0	1	
TIMU0408	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	1	4	
TIMU0416	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	7	
TIMU0420	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0425	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	0	7	
TIMU0430	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	1	2	
TIMU0432	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	1	2	
TIMU0210	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/83-05/23/84	0	6	
TIMU0328	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/78-09/01/78	0	1	
TIMU0392	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/19/77-04/06/81	4	9	
TIMU0402	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/28/89-02/28/89	0	1	
TIMU0203	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0314	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0369	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0392	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/19/77-04/06/81	4	9	
TIMU0402	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/08/87-08/30/90	3	18	
TIMU0203	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	0	5	
TIMU0314	No	01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	0	6	
TIMU0369	No	01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	0	6	
TIMU0392	No	01091	ZINC, SUSPENDED (UG/L ZN)	03/09/79-04/06/81	2	5	
TIMU0002	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/09/82-08/09/82	0	1	
TIMU0006	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/19/77-12/19/77	0	1	
TIMU0009	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	0	2	
TIMU0010	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	1	4	
TIMU0011	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	0	2	
TIMU0030	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-12/13/83	0	4	
TIMU0045	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	0	2	
TIMU0046	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	1	3	
TIMU0068	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	0	1	
TIMU0077	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	0	1	
TIMU0083	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	0	1	
TIMU0088	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	0	1	
TIMU0099	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/06/83-09/06/83	0	1	
TIMU0120	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	0	1	
TIMU0146	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	0	2	
TIMU0164	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/12/93-08/11/93	0	3	
TIMU0165	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/08/73-09/06/83	9	16	
TIMU0177	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/12/93-09/08/93	0	4	
TIMU0187	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	0	4	
TIMU0188	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	1	4	
TIMU0191	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/09/73-10/27/86	13	41	
TIMU0203	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0212	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/15/73-01/15/73	0	1	
TIMU0214	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/07/72-06/07/72	0	1	
TIMU0229	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0234	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	0	4	
TIMU0236	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0238	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0257	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/15/73-01/15/73	0	1	
TIMU0264	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/27/86	0	2	
TIMU0266	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	1	3	
TIMU0270	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	0	4	
TIMU0271	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0272	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/73-08/30/73	0	2	
TIMU0282	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	1	4	
TIMU0285	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0286	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	0	2	
TIMU0288	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0290	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0291	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0295	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	1	3	
TIMU0300	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0305	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/73-08/30/73	0	1	
TIMU0307	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0309	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/15/73-01/15/73	0	1	
TIMU0314	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0315	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-01/20/98	11	15	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0324	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	0	4	
TIMU0325	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/23/77-09/23/77	0	1	
TIMU0327	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/21/77-09/21/77	0	1	
TIMU0329	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0334	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/07/72-06/07/72	0	1	
TIMU0338	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0343	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	1	4	
TIMU0344	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	1	3	
TIMU0345	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	0	1	
TIMU0352	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/27/86	0	2	
TIMU0360	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	1	3	
TIMU0363	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/20/86	0	2	
TIMU0369	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	0	6	
TIMU0372	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/09/93-07/01/94	1	8	
TIMU0373	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	1	3	
TIMU0377	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/73-01/11/79	5	39	
TIMU0387	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/20/86	0	2	
TIMU0388	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/09/93-07/01/94	1	9	
TIMU0392	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/09/79-04/06/81	2	5	
TIMU0394	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/22/86-10/20/86	0	2	
TIMU0395	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/19/77-12/19/77	0	1	
TIMU0399	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/20/86	0	2	
TIMU0401	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/18/76-05/18/76	0	1	
TIMU0402	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/05/87-03/20/95	8	10	
TIMU0405	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/07/95-07/21/98	3	20	
TIMU0408	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	1	4	
TIMU0435	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/02/98-09/02/98	0	1	
TIMU0437	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/07/95-07/21/98	3	35	
TIMU0002	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0046	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0064	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0165	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/06/74-09/06/83	9	3	
TIMU0180	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0202	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0266	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0295	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0317	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0344	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0360	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0368	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0373	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0404	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0028	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	6	
TIMU0034	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	5	12	
TIMU0035	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	8	
TIMU0036	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0040	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0048	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	03/05/85-03/05/85	0	1	
TIMU0056	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	5	13	
TIMU0059	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	5	12	
TIMU0063	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0078	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-03/25/91	7	27	
TIMU0082	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	5	
TIMU0090	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0095	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	5	14	
TIMU0102	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	8	
TIMU0109	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0110	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-11/07/90	5	15	
TIMU0115	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	03/26/90-03/26/90	0	1	
TIMU0127	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0128	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	04/15/97-04/22/98	1	7	
TIMU0130	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	2	7	
TIMU0135	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	7	12	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0141	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	7	11	
TIMU0166	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	7	11	
TIMU0179	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	7	11	
TIMU0185	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	7	12	
TIMU0192	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-03/25/91	7	20	
TIMU0198	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	7	12	
TIMU0205	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/23/84-03/26/90	5	8	
TIMU0232	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/85-01/15/91	5	19	
TIMU0276	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	7	12	
TIMU0278	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	7	
TIMU0306	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	7	12	
TIMU0323	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	7	13	
TIMU0354	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	7	12	
TIMU0370	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	7	12	
TIMU0396	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-11/04/86	3	14	
TIMU0416	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	7	13	
TIMU0425	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-03/05/91	6	12	
TIMU0432	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-03/05/91	6	12	
TIMU0030	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	10/26/83-10/27/83	0	2	
TIMU0165	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/29/82-07/29/82	0	1	
TIMU0002	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0046	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0064	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0266	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0295	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0344	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0360	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0373	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0180	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0405	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0437	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0034	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	2	5	
TIMU0035	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	8	
TIMU0056	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	2	4	
TIMU0059	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	2	5	
TIMU0078	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-03/25/91	2	10	
TIMU0095	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	2	7	
TIMU0102	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	8	
TIMU0110	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-11/07/90	2	8	
TIMU0128	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	04/15/97-04/22/98	1	7	
TIMU0135	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	5	
TIMU0141	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	7	
TIMU0166	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	4	
TIMU0179	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	4	
TIMU0185	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	7	
TIMU0192	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-03/25/91	2	10	
TIMU0198	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	5	
TIMU0205	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	7	
TIMU0232	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-01/15/91	2	9	
TIMU0276	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	7	
TIMU0278	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	7	
TIMU0306	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	6	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0323	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	6	
TIMU0354	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	6	
TIMU0370	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	6	
TIMU0416	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	5	
TIMU0425	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-03/05/91	4	6	
TIMU0432	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-03/05/91	4	6	
TIMU0010	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	1	4	
TIMU0030	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/26/83-10/27/83	0	2	
TIMU0188	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	1	4	
TIMU0203	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0210	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/06/84-05/23/84	0	3	
TIMU0240	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0282	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	1	4	
TIMU0314	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0315	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/97-01/20/98	0	13	
TIMU0333	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/21/73-03/22/73	0	2	
TIMU0340	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/21/73-03/22/73	0	4	
TIMU0343	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	1	4	
TIMU0369	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0392	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/19/77-04/06/81	4	9	
TIMU0408	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	1	4	
TIMU0203	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0240	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0314	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0369	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0392	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/09/79-04/06/81	2	5	
TIMU0203	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-02/02/84	0	4	
TIMU0240	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-02/02/84	0	4	
TIMU0314	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-02/02/84	0	3	
TIMU0369	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-03/08/84	0	6	
TIMU0392	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	03/09/79-04/06/81	2	5	
TIMU0180	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0405	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0437	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0028	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0034	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	5	11	
TIMU0035	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	8	
TIMU0036	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0040	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0056	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	5	11	
TIMU0059	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	5	10	
TIMU0063	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0078	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-03/25/91	7	24	
TIMU0082	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	5	
TIMU0090	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0095	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	5	12	
TIMU0102	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	8	
TIMU0109	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0110	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-11/07/90	5	13	
TIMU0115	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	06/18/90-06/18/90	0	1	
TIMU0127	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0128	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	04/15/97-04/22/98	1	7	
TIMU0130	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	2	7	
TIMU0135	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	7	
TIMU0141	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	8	
TIMU0166	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	6	
TIMU0179	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	7	
TIMU0185	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	8	
TIMU0192	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	10	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0196	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-03/25/91	7	17	
TIMU0198	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	7	
TIMU0205	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/23/84-11/04/86	2	7	
TIMU0232	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/85-01/15/91	5	17	
TIMU0276	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7	8	
TIMU0278	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	7	
TIMU0306	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7	7	
TIMU0323	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7	8	
TIMU0354	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7	7	
TIMU0370	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7	8	
TIMU0396	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-11/04/86	3	14	
TIMU0416	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7	7	
TIMU0425	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-03/05/91	5	7	
TIMU0432	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-03/05/91	5	7	
TIMU0010	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-04/11/96	0	2	
TIMU0028	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0034	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	5	16	
TIMU0035	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	8	
TIMU0036	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0040	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/06/86	1	6	
TIMU0048	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/10/86-12/10/86	0	1	
TIMU0056	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	5	16	
TIMU0059	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	5	15	
TIMU0063	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0078	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-03/25/91	7	30	
TIMU0082	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	5	
TIMU0090	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0095	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	5	17	
TIMU0102	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	8	
TIMU0109	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0110	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-11/07/90	5	18	
TIMU0127	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0128	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	04/15/97-04/22/98	1	7	
TIMU0130	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	2	7	
TIMU0135	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	7	11	
TIMU0141	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	7	12	
TIMU0166	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	7	10	
TIMU0179	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	7	11	
TIMU0185	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	7	12	
TIMU0188	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-04/11/96	0	2	
TIMU0192	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-03/25/91	7	23	
TIMU0198	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	7	11	
TIMU0205	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/23/84-11/04/86	2	7	
TIMU0232	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/85-01/15/91	5	22	
TIMU0276	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	7	12	
TIMU0278	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	7	
TIMU0282	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-12/04/96	1	3	
TIMU0303	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-05/15/85	0	1	
TIMU0306	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	7	11	
TIMU0323	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	7	
TIMU0343	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-04/11/96	0	2	
TIMU0350	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	7	13	
TIMU0354	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	7	11	
TIMU0370	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	7	12	
TIMU0396	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-11/04/86	3	14	
TIMU0408	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-12/04/96	1	4	
TIMU0416	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	7	12	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0425	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-03/05/91	6	12	
TIMU0432	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-03/05/91	6	12	
TIMU0028	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/06/85-12/10/86	1	4	
TIMU0034	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	5	11	
TIMU0035	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	8	
TIMU0036	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0040	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0056	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	5	13	
TIMU0059	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	5	12	
TIMU0063	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0078	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	06/26/84-03/25/91	6	15	
TIMU0082	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	5	
TIMU0090	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0095	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	5	12	
TIMU0102	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	8	
TIMU0109	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0110	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	5	14	
TIMU0127	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0128	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	04/15/97-04/22/98	1	7	
TIMU0130	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	2	7	
TIMU0135	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	7	10	
TIMU0141	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	7	11	
TIMU0166	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	7	9	
TIMU0179	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	7	10	
TIMU0185	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	7	11	
TIMU0192	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	06/26/84-03/25/91	6	11	
TIMU0198	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	7	10	
TIMU0205	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/85-01/12/88	2	5	
TIMU0232	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/85-01/15/91	5	12	
TIMU0276	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-08/03/92	7	11	
TIMU0278	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	7	
TIMU0303	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-05/15/85	0	1	
TIMU0306	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	7	10	
TIMU0323	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	7	12	
TIMU0354	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-08/03/92	7	10	
TIMU0370	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	7	11	
TIMU0396	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/85-11/04/86	1	4	
TIMU0416	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	7	11	
TIMU0425	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-03/05/91	6	11	
TIMU0432	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-03/05/91	6	11	
TIMU0028	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0034	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	5	16	
TIMU0035	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	8	
TIMU0036	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0040	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0056	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	5	16	
TIMU0059	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	5	15	
TIMU0063	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0078	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	7	30	
TIMU0082	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	5	
TIMU0090	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0095	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	5	17	
TIMU0102	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	8	
TIMU0109	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0110	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-11/07/90	5	18	
TIMU0127	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0128	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	04/15/97-04/22/98	1	7	
TIMU0130	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	2	7	
TIMU0135	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	7	12	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0141	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	7	13	
TIMU0166	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	7	11	
TIMU0179	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	7	12	
TIMU0185	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	7	13	
TIMU0192	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	7	23	
TIMU0198	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	7	12	
TIMU0205	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/14/84-11/04/86	2	8	
TIMU0232	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/85-01/15/91	5	22	
TIMU0276	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	7	13	
TIMU0278	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	7	
TIMU0303	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-05/15/85	0	1	
TIMU0306	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	7	13	
TIMU0323	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	7	14	
TIMU0354	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	7	12	
TIMU0370	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	7	14	
TIMU0396	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-11/04/86	3	14	
TIMU0416	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	7	13	
TIMU0425	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-03/05/91	6	13	
TIMU0432	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-03/05/91	6	13	
TIMU0034	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	0	1	
TIMU0056	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	0	1	
TIMU0059	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	0	1	
TIMU0078	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-03/25/91	0	3	
TIMU0095	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	0	1	
TIMU0110	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	0	1	
TIMU0136	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0161	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	10/23/90-03/05/91	0	2	
TIMU0166	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0183	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0186	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	0	1	
TIMU0196	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-03/25/91	0	3	
TIMU0198	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	0	1	
TIMU0273	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/22/90-01/15/91	0	2	
TIMU0276	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	0	1	
TIMU0306	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0350	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0354	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	0	1	
TIMU0375	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0420	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0430	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0432	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	0	1	
TIMU0405	Yes	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0437	No	01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0392	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/09/78-05/24/78	0	2	
TIMU0402	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/04/90-07/10/90	0	3	
TIMU0010	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	1	4	
TIMU0030	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	10/26/83-10/27/83	0	2	
TIMU0165	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/29/82-07/29/82	0	1	
TIMU0188	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	1	4	
TIMU0282	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	1	4	
TIMU0315	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/17/97-09/17/97	0	1	
TIMU0343	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	1	4	
TIMU0392	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/20/77-04/06/81	3	6	
TIMU0408	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	1	4	
TIMU0435	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/02/98-09/02/98	0	1	
TIMU0180	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0405	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/20/92-05/20/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0437	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0002	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0046	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0064	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0165	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/06/74-09/06/83	9	3	
TIMU0180	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0202	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0239	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0266	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0295	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0317	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0344	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0360	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0368	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0373	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0404	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0078	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	01/14/91-03/25/91	0	2	
TIMU0136	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0161	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0166	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0183	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0186	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	0	1	
TIMU0196	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	01/14/91-03/25/91	0	2	
TIMU0198	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	0	1	
TIMU0273	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	01/15/91-01/15/91	0	1	
TIMU0276	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	0	1	
TIMU0306	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0350	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0354	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	0	1	
TIMU0375	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0420	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0430	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0432	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	0	1	
TIMU0030	Yes	01501	ALPHA, TOTAL	10/26/83-10/27/83	0	2	
TIMU0032	Yes	01501	ALPHA, TOTAL	10/26/83-10/27/83	0	2	
TIMU0049	Yes	01501	ALPHA, TOTAL	10/26/83-10/27/83	0	2	
TIMU0030	Yes	09501	RADIUM 226, TOTAL	10/26/83-10/27/83	0	2	
TIMU0032	Yes	09501	RADIUM 226, TOTAL	10/26/83-10/27/83	0	2	
TIMU0049	Yes	09501	RADIUM 226, TOTAL	10/26/83-10/27/83	0	2	
TIMU0030	Yes	11501	RADIUM 228, TOTAL	10/26/83-10/27/83	0	2	
TIMU0032	Yes	11501	RADIUM 228, TOTAL	10/26/83-10/27/83	0	2	
TIMU0049	Yes	11501	RADIUM 228, TOTAL	10/26/83-10/27/83	0	2	
TIMU0190	Yes	22413	HARDNESS, DISSOLVED, WATER MG/L	09/27/94-01/02/96	1	48	
TIMU0410	No	22413	HARDNESS, DISSOLVED, WATER MG/L	09/27/94-01/02/96	1	48	
TIMU0006	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/19/77-12/19/77	0	1	
TIMU0068	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-04/22/91	0	2	
TIMU0077	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-10/10/94	3	11	
TIMU0083	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-04/22/91	0	2	
TIMU0088	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-04/22/91	0	2	
TIMU0113	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0114	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/21/89-07/27/98	9	28	
TIMU0120	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-03/13/96	5	13	
TIMU0122	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0123	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0125	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-10/05/94	3	13	
TIMU0134	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0137	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-10/10/94	3	12	
TIMU0138	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0139	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/78-10/05/94	16	14	
TIMU0149	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0154	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-10/05/94	3	13	
TIMU0155	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	0	2	
TIMU0156	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	0	2	
TIMU0159	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	0	2	
TIMU0163	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/09/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0165	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/27/73-05/07/98	24	58	T,S
TIMU0168	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	0	2	
TIMU0170	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	0	2	
TIMU0191	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/04/73-01/11/79	5	23	
TIMU0286	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/89-11/07/89	0	1	
TIMU0315	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/96-02/04/98	1	57	
TIMU0363	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/02/76-11/02/76	0	1	
TIMU0377	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/04/73-01/11/79	5	22	
TIMU0387	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/02/76-11/02/76	0	1	
TIMU0395	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/19/77-12/19/77	0	1	
TIMU0401	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/18/76-04/04/78	1	2	
TIMU0405	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/96-12/30/98	2	14	
TIMU0407	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/02/76-11/02/76	0	1	
TIMU0435	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/98-09/02/98	0	1	
TIMU0437	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/96-07/21/98	1	22	
TIMU0001	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	0	1	
TIMU0002	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/09/82-08/09/82	0	1	
TIMU0004	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/18/72	0	1	
TIMU0006	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	0	4	
TIMU0008	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	0	14	
TIMU0009	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	1	5	
TIMU0010	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0011	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	1	5	
TIMU0014	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0023	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	5	22	
TIMU0024	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	0	14	
TIMU0025	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	0	14	
TIMU0026	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	5	
TIMU0028	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	6	
TIMU0033	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	5	
TIMU0034	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-08/21/90	5	18	
TIMU0036	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	5	
TIMU0037	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	5	
TIMU0038	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-10/14/76	5	3	
TIMU0040	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	6	
TIMU0044	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-10/14/76	5	3	
TIMU0045	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-11/30/87	4	6	
TIMU0046	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0053	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-07/26/78	1	6	
TIMU0055	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/10/86-08/21/90	3	3	
TIMU0058	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/06/85-08/21/90	4	4	
TIMU0060	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/07/90	5	18	
TIMU0064	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0065	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/07/90	5	16	
TIMU0067	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	5	
TIMU0068	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-01/05/87	15	20	
TIMU0074	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	0	1	
TIMU0075	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-11/15/71	0	2	
TIMU0077	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/15/71-01/08/92	20	20	
TIMU0078	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	7	32	
TIMU0082	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	5	
TIMU0083	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/11/72-01/05/87	14	18	
TIMU0088	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/11/72-01/05/87	14	18	
TIMU0090	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/05/85-03/05/85	0	1	
TIMU0093	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	5	
TIMU0095	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/04/87-08/21/90	3	7	
TIMU0098	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/17/90	6	16	
TIMU0101	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-05/15/78	0	1	
TIMU0103	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	0	5	
TIMU0107	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	0	3	
TIMU0109	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	6	
TIMU0110	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/07/90	5	22	
TIMU0113	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	6	3	
TIMU0114	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-07/05/95	18	41	
TIMU0115	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/16/89-05/16/89	0	1	
TIMU0118	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	0	12	
TIMU0119	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/09/65-12/07/65	0	31	
TIMU0120	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-01/08/92	20	22	
TIMU0122	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-11/26/84	7	9	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0123	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	6	3	
TIMU0124	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	5	22	
TIMU0125	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-01/08/92	13	4	
TIMU0127	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	6	
TIMU0130	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	2	6	
TIMU0132	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	5	22	
TIMU0134	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	6	3	
TIMU0136	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	7	17	
TIMU0137	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-01/08/92	14	10	
TIMU0138	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-11/26/84	7	9	
TIMU0139	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/77-06/12/85	7	15	
TIMU0142	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0143	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	5	18	
TIMU0145	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-05/15/78	0	1	
TIMU0146	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	6	3	
TIMU0150	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	0	12	
TIMU0152	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	0	12	
TIMU0153	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	0	12	
TIMU0154	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-01/06/92	13	7	
TIMU0155	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	7	6	
TIMU0156	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	7	6	
TIMU0159	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	6	3	
TIMU0161	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	7	16	
TIMU0163	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	7	6	
TIMU0165	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	26	110	T,S
TIMU0166	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	6	14	
TIMU0168	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	7	6	
TIMU0169	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-05/15/78	0	1	
TIMU0170	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	7	6	
TIMU0183	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	6	15	
TIMU0186	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	6	16	
TIMU0188	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0191	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-06/13/77	4	24	
TIMU0196	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	7	26	
TIMU0197	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	7	17	
TIMU0201	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/05/91-03/05/91	0	1	
TIMU0215	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/04/86-11/04/86	0	1	
TIMU0225	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/12/78-05/18/83	4	4	
TIMU0226	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/13/90-04/24/95	5	22	
TIMU0230	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0231	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0241	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/13/90-04/24/95	5	22	
TIMU0256	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0261	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	0	1	
TIMU0265	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/13/90-04/24/95	5	22	
TIMU0266	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0273	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/19/85-01/15/91	5	27	
TIMU0276	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	7	17	
TIMU0282	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0286	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	1	5	
TIMU0295	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0297	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	0	1	
TIMU0302	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	0	14	
TIMU0306	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	7	17	
TIMU0315	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-04/14/87	14	6	
TIMU0343	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0344	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0347	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	0	16	
TIMU0350	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	7	17	
TIMU0354	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	7	17	
TIMU0360	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0361	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/90-04/04/95	5	22	
TIMU0363	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/72-10/20/86	14	5	
TIMU0364	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/72-09/20/83	11	3	
TIMU0365	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	0	3	
TIMU0366	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/85-01/14/85	0	1	
TIMU0367	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/90-04/04/95	5	22	
TIMU0373	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	0	2	
TIMU0375	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	7	17	
TIMU0376	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0377	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/73-09/20/83	10	22	
TIMU0381	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/90-04/04/95	5	22	
TIMU0384	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/06/66	0	11	
TIMU0387	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/72-10/20/86	14	5	
TIMU0394	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/22/86-04/13/87	0	4	
TIMU0395	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	4	67	
TIMU0396	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-11/04/86	3	12	
TIMU0397	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0399	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/20/86-10/20/86	0	1	
TIMU0401	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/08/65-11/16/87	22	11	
TIMU0405	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/25/95-01/27/97	1	10	
TIMU0407	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	0	2	
TIMU0408	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	0	2	
TIMU0411	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	0	16	
TIMU0418	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/12/78-05/18/83	4	4	
TIMU0420	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	7	17	
TIMU0430	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-03/05/91	6	16	
TIMU0432	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-03/05/91	6	16	
TIMU0437	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/25/95-01/27/97	1	14	
TIMU0010	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	40	
TIMU0014	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	40	
TIMU0030	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	0	4	
TIMU0032	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	0	4	
TIMU0049	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	0	4	
TIMU0099	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-10/27/83	0	2	
TIMU0142	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	42	
TIMU0188	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	8	100	A
TIMU0230	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	42	
TIMU0231	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	43	
TIMU0256	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	43	
TIMU0263	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-02/12/90	3	39	
TIMU0282	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	42	
TIMU0343	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	8	100	A
TIMU0351	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-02/12/90	3	40	
TIMU0362	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-07/16/90	3	6	
TIMU0376	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	44	
TIMU0391	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-07/15/91	4	16	
TIMU0397	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	3	44	
TIMU0408	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	8	88	A
TIMU0068	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-04/22/91	0	2	
TIMU0077	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-01/08/92	1	3	
TIMU0083	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-04/22/91	0	2	
TIMU0088	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-04/22/91	0	2	
TIMU0113	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0114	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/21/89-01/08/92	2	7	
TIMU0120	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-01/08/92	1	3	
TIMU0122	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0123	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0125	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-01/08/92	1	3	
TIMU0134	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0137	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-01/08/92	1	3	
TIMU0138	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0139	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	0	2	
TIMU0149	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0154	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-01/06/92	1	3	
TIMU0155	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	0	2	
TIMU0156	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	0	2	
TIMU0159	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	0	2	
TIMU0163	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/09/91	0	2	
TIMU0165	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/01/90-01/06/92	1	3	
TIMU0168	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	0	2	
TIMU0170	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	0	2	
TIMU0286	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/07/89-11/07/89	0	1	
TIMU0002	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/09/82-08/09/82	0	1	
TIMU0030	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	0	4	
TIMU0032	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	0	4	
TIMU0046	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0049	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	0	4	
TIMU0064	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0068	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	1	8	
TIMU0077	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	1	8	
TIMU0083	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	1	8	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0099	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-10/27/83	0	2	
TIMU0120	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	1	8	
TIMU0165	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	6	29	
TIMU0188	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	1	21	
TIMU0191	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/09/73-09/08/75	1	14	
TIMU0266	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0295	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0343	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	1	21	
TIMU0344	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0360	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0373	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	0	2	
TIMU0377	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/73-09/08/75	1	14	
TIMU0408	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	1	21	
TIMU0001	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	0	1	
TIMU0008	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	0	14	
TIMU0009	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	1	5	
TIMU0010	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	41	
TIMU0011	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	1	5	
TIMU0014	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	41	
TIMU0023	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	8	25	
TIMU0024	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	0	14	
TIMU0025	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	0	14	
TIMU0026	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	5	
TIMU0028	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	7	
TIMU0033	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	5	
TIMU0034	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-08/21/90	5	19	
TIMU0036	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	6	
TIMU0037	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	5	
TIMU0040	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	7	
TIMU0045	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-11/30/87	4	6	
TIMU0053	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/26/78	1	6	
TIMU0055	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	6	
TIMU0056	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/86-08/21/90	3	3	
TIMU0058	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	5	
TIMU0059	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/06/85-08/21/90	4	4	
TIMU0060	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	3	
TIMU0062	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	5	19	
TIMU0065	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	5	17	
TIMU0067	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	6	
TIMU0068	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	14	18	
TIMU0074	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	0	1	
TIMU0077	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/73-01/08/92	19	18	
TIMU0078	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	7	35	
TIMU0080	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/06/85-11/06/85	0	1	
TIMU0082	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	5	
TIMU0083	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	14	18	
TIMU0088	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	14	18	
TIMU0090	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/05/85-03/05/85	0	1	
TIMU0093	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	6	
TIMU0095	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/87-08/21/90	3	7	
TIMU0098	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/17/90	6	17	
TIMU0101	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	0	1	
TIMU0103	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	0	5	
TIMU0109	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	6	
TIMU0110	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	5	23	
TIMU0113	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	6	3	
TIMU0114	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	18	41	
TIMU0118	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	0	12	
TIMU0119	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/09/65-12/07/65	0	31	
TIMU0120	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/08/92	19	18	
TIMU0122	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-11/26/84	7	9	
TIMU0123	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	6	3	
TIMU0124	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	8	25	
TIMU0125	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-01/08/92	13	4	
TIMU0127	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	7	
TIMU0130	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	2	7	
TIMU0132	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	8	25	
TIMU0134	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	6	3	
TIMU0136	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	7	17	
TIMU0137	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-01/08/92	14	10	
TIMU0138	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-11/26/84	7	9	
TIMU0139	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	7	15	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0142	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	43	
TIMU0143	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	8	22	
TIMU0145	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	0	1	
TIMU0146	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	6	3	
TIMU0150	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	0	12	
TIMU0152	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	0	12	
TIMU0153	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	0	12	
TIMU0154	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-01/06/92	13	7	
TIMU0155	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	7	6	
TIMU0156	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	7	6	
TIMU0159	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	6	3	
TIMU0161	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	7	17	
TIMU0163	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	7	6	
TIMU0165	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	26	104	T,S
TIMU0166	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	6	15	
TIMU0168	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	7	6	
TIMU0169	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	0	1	
TIMU0170	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	7	6	
TIMU0183	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	6	16	
TIMU0186	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	6	16	
TIMU0188	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	9	85	A
TIMU0191	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	14	41	
TIMU0196	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	7	28	
TIMU0197	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/26/89-03/05/91	1	2	
TIMU0198	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	7	17	
TIMU0201	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/05/91-03/05/91	0	1	
TIMU0215	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/23/84-11/04/86	2	7	
TIMU0225	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/78-05/18/83	4	4	
TIMU0226	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	14	28	
TIMU0230	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	43	
TIMU0231	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	44	
TIMU0241	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	14	28	
TIMU0256	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	44	
TIMU0261	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	0	1	
TIMU0263	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/16/86-02/12/90	3	41	
TIMU0265	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	14	28	
TIMU0273	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/19/85-01/15/91	5	27	
TIMU0276	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	7	17	
TIMU0282	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	43	
TIMU0286	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	1	5	
TIMU0297	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	0	1	
TIMU0302	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	0	14	
TIMU0306	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	7	18	
TIMU0315	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-07/20/88	4	22	
TIMU0343	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	9	85	A
TIMU0347	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	0	16	
TIMU0350	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	7	18	
TIMU0351	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-02/12/90	3	45	
TIMU0354	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	7	17	
TIMU0361	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	14	27	
TIMU0362	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/16/86-07/16/90	4	8	
TIMU0363	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-10/20/86	0	1	
TIMU0364	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	0	1	
TIMU0366	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/85-01/14/85	0	1	
TIMU0367	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	14	27	
TIMU0375	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	7	18	
TIMU0376	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	45	
TIMU0377	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	10	22	
TIMU0381	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	14	26	
TIMU0384	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/06/66	0	11	
TIMU0387	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-10/20/86	0	1	
TIMU0391	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-07/15/91	5	20	
TIMU0394	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/22/86-04/13/87	0	4	
TIMU0396	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-11/04/86	3	14	
TIMU0397	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	3	45	
TIMU0399	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-07/20/88	1	21	
TIMU0401	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/18/76-11/16/87	11	10	
TIMU0405	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/11/96-05/20/97	0	4	
TIMU0408	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	9	73	
TIMU0411	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	0	16	
TIMU0418	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/78-05/18/83	4	4	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0420	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	7	18	
TIMU0430	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-03/05/91	6	17	
TIMU0432	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-03/05/91	6	17	
TIMU0437	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/11/96-05/20/97	0	8	
TIMU0006	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/19/77-06/26/78	0	3	
TIMU0038	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-10/14/76	0	1	
TIMU0044	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-10/14/76	0	1	
TIMU0077	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/10/94	2	8	
TIMU0114	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	6	21	
TIMU0120	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-03/13/96	19	11	
TIMU0125	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/05/94	2	10	
TIMU0137	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/10/94	2	9	
TIMU0139	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-10/05/94	2	10	
TIMU0154	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-10/05/94	2	10	
TIMU0157	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	0	4	
TIMU0162	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/02/92	0	3	
TIMU0164	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/93-06/09/93	0	2	
TIMU0165	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-05/07/98	5	22	
TIMU0177	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/93-09/08/93	0	4	
TIMU0191	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/73-01/11/79	5	23	
TIMU0193	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	0	4	
TIMU0242	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	0	4	
TIMU0243	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/10/92	0	3	
TIMU0245	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/17/76-11/17/76	0	1	
TIMU0315	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/12/96-02/04/98	1	57	
TIMU0363	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-11/02/76	0	1	
TIMU0377	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/07/74-01/11/79	5	23	
TIMU0387	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-06/27/78	1	3	
TIMU0395	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/19/77-12/19/77	0	1	
TIMU0402	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/21/94-03/20/95	0	6	
TIMU0405	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/25/95-12/30/98	3	21	
TIMU0407	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-11/02/76	0	1	
TIMU0424	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/09/92	0	3	
TIMU0426	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/09/92	0	3	
TIMU0434	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	0	4	
TIMU0435	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/98-09/02/98	0	1	
TIMU0437	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/95-07/21/98	3	30	
TIMU0068	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	0	2	
TIMU0077	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	0	2	
TIMU0083	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	0	2	
TIMU0088	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	0	2	
TIMU0113	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0114	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	11/07/89-04/15/91	1	3	
TIMU0120	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	0	2	
TIMU0122	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0123	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0125	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0134	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0137	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0138	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0139	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	0	2	
TIMU0149	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0154	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	0	2	
TIMU0155	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	0	2	
TIMU0156	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	0	2	
TIMU0159	Yes	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	0	2	
TIMU0163	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/09/91	0	2	
TIMU0165	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/01/90-04/02/91	0	2	
TIMU0168	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	0	2	
TIMU0170	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	0	2	
TIMU0286	No	31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	11/07/89-11/07/89	0	1	
TIMU0114	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/21/89-11/07/89	0	4	
TIMU0286	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/07/89-11/07/89	0	1	
TIMU0216	No	32000	SAMPLE SIZE (LITERS)	09/29/97-09/29/97	0	1	
TIMU0286	No	32000	SAMPLE SIZE (LITERS)	09/29/97-09/29/97	0	1	
TIMU0417	No	32000	SAMPLE SIZE (LITERS)	01/13/92-01/13/92	0	1	
TIMU0010	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	3	45	
TIMU0014	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	3	45	
TIMU0139	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/07/80-05/07/80	0	1	
TIMU0142	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	58	
TIMU0157	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0162	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/02/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0164	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/12/93-08/11/93	0	3	
TIMU0165	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/76-08/13/80	4	3	
TIMU0177	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/12/93-09/08/93	0	2	
TIMU0188	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-08/07/96	5	46	
TIMU0189	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/01/94-08/26/97	3	46	
TIMU0190	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/22/94-12/18/96	2	77	
TIMU0193	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0195	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/04/85	2	12	
TIMU0230	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	54	
TIMU0231	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	60	
TIMU0242	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0243	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/10/92	0	4	
TIMU0256	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	3	45	
TIMU0263	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/11/87-04/14/87	0	2	
TIMU0282	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	3	45	
TIMU0343	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	58	
TIMU0351	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/11/87-04/14/87	0	2	
TIMU0372	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/09/93-06/09/93	0	1	
TIMU0376	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	3	46	
TIMU0378	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/05/85-11/04/85	0	4	
TIMU0388	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/09/93-06/09/93	0	1	
TIMU0397	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	3	46	
TIMU0400	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/02/94-08/26/97	3	51	
TIMU0401	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/07/80-05/07/80	0	1	
TIMU0402	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	12	55	
TIMU0405	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	3	20	
TIMU0408	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/18/91-08/07/96	4	46	
TIMU0410	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/22/94-12/18/96	2	76	
TIMU0421	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/02/83-09/10/85	2	10	
TIMU0424	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/09/92	0	3	
TIMU0426	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	9	15	
TIMU0434	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0437	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	3	35	
TIMU0438	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-09/09/85	2	11	
TIMU0001	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	0	1	
TIMU0003	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/15/97	0	6	
TIMU0009	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/30/87	1	6	
TIMU0010	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-03/18/92	0	2	
TIMU0011	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/30/87	1	6	
TIMU0014	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	0	1	
TIMU0045	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-11/30/87	4	7	
TIMU0068	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	1	4	
TIMU0074	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	0	1	
TIMU0077	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	1	4	
TIMU0083	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	1	4	
TIMU0088	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	1	4	
TIMU0114	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/29/83-09/12/89	6	31	
TIMU0120	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	1	4	
TIMU0139	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/07/80-05/18/83	3	3	
TIMU0142	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	0	1	
TIMU0146	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/30/87	1	6	
TIMU0156	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/88-01/11/88	0	1	
TIMU0157	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0162	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/02/92	0	3	
TIMU0164	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-08/11/93	0	3	
TIMU0165	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/07/80-05/13/85	5	16	
TIMU0177	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-09/08/93	0	4	
TIMU0181	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	0	27	
TIMU0188	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/11/87-08/06/91	4	3	
TIMU0189	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/01/94-08/26/97	3	84	
TIMU0190	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-11/28/95	1	38	
TIMU0191	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/20/87	0	5	
TIMU0193	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0195	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/04/85	2	12	
TIMU0230	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	0	1	
TIMU0231	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	0	1	
TIMU0242	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0243	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/10/92	0	4	
TIMU0256	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	0	1	
TIMU0261	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	0	1	
TIMU0264	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/21/86-07/20/87	0	5	
TIMU0268	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	0	11	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0286	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/07/89	3	7	
TIMU0297	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	0	1	
TIMU0315	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-07/20/87	3	6	
TIMU0343	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/11/87-04/14/87	0	2	
TIMU0352	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/21/86-07/20/87	0	5	
TIMU0363	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/20/87	0	5	
TIMU0364	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	0	1	
TIMU0366	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/84-01/14/85	0	2	
TIMU0372	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/09/93-07/08/93	0	2	
TIMU0376	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	0	1	
TIMU0377	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	0	1	
TIMU0378	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/05/85-11/04/85	0	4	
TIMU0387	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/20/87	0	4	
TIMU0388	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/09/93-07/08/93	0	2	
TIMU0394	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/22/86-07/20/87	0	5	
TIMU0399	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/15/87	0	5	
TIMU0400	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/03/94-08/26/97	3	92	
TIMU0401	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/07/80-05/18/81	1	2	
TIMU0402	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	12	52	
TIMU0405	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-12/30/98	3	23	
TIMU0408	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/11/87-04/14/87	0	2	
TIMU0409	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	0	29	
TIMU0410	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-01/02/96	1	38	
TIMU0421	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/02/83-09/10/85	2	10	
TIMU0424	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/09/92	0	3	
TIMU0426	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	9	15	
TIMU0434	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0437	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-07/21/98	3	35	
TIMU0438	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-09/09/85	2	11	
TIMU0157	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0162	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/02/92	0	3	
TIMU0164	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/12/93-08/11/93	0	3	
TIMU0165	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/25/76-05/25/76	0	1	
TIMU0177	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/12/93-09/08/93	0	4	
TIMU0189	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	3	90	
TIMU0190	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-11/28/95	1	38	
TIMU0193	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0195	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/04/85	2	12	
TIMU0242	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0243	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/10/92	0	4	
TIMU0372	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	0	2	
TIMU0378	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/05/85-11/04/85	0	4	
TIMU0388	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	0	2	
TIMU0400	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	3	88	
TIMU0402	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	12	55	
TIMU0405	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	3	20	
TIMU0410	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-01/02/96	1	38	
TIMU0421	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/02/83-09/10/85	2	10	
TIMU0424	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/09/92	0	3	
TIMU0426	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	9	15	
TIMU0434	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0437	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	3	35	
TIMU0438	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-09/09/85	2	11	
TIMU0157	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0162	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/02/92	0	3	
TIMU0164	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/12/93-08/11/93	0	3	
TIMU0165	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/25/76-05/25/76	0	1	
TIMU0177	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/12/93-09/08/93	0	4	
TIMU0189	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	3	87	
TIMU0190	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-11/28/95	1	38	
TIMU0193	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0195	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/04/85	2	12	
TIMU0242	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0243	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/10/92	0	4	
TIMU0372	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	0	2	
TIMU0378	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/05/85-11/04/85	0	4	
TIMU0388	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	0	2	
TIMU0400	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/03/94-08/26/97	3	91	
TIMU0402	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	12	55	
TIMU0405	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	3	20	
TIMU0410	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-01/02/96	1	38	
TIMU0421	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/02/83-09/10/85	2	10	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0424	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/09/92	0	3	
TIMU0426	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	9	15	
TIMU0434	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	0	4	
TIMU0437	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	3	35	
TIMU0438	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-09/09/85	2	11	
TIMU0003	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/15/97	0	6	
TIMU0157	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0162	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/02/92	0	3	
TIMU0164	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-08/11/93	0	3	
TIMU0177	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-09/08/93	0	4	
TIMU0181	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	0	27	
TIMU0189	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	3	89	
TIMU0190	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-11/28/95	1	38	
TIMU0193	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0195	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/04/85	2	12	
TIMU0242	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0243	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/10/92	0	4	
TIMU0268	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	0	11	
TIMU0378	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/05/85-11/04/85	0	4	
TIMU0388	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/09/93-07/08/93	0	2	
TIMU0400	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	3	88	
TIMU0402	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	12	52	
TIMU0405	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-12/30/98	3	23	
TIMU0409	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	0	29	
TIMU0410	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-01/02/96	1	37	
TIMU0421	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/02/83-09/10/85	2	10	
TIMU0424	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/09/92	0	3	
TIMU0426	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	9	15	
TIMU0434	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	0	4	
TIMU0437	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-07/21/98	3	35	
TIMU0438	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-09/09/85	2	11	
TIMU0157	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	0	4	
TIMU0162	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-11/02/92	0	3	
TIMU0164	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/12/93-08/11/93	0	3	
TIMU0177	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/12/93-09/08/93	0	4	
TIMU0189	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/28/94-07/31/97	3	83	
TIMU0190	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-11/28/95	1	38	
TIMU0193	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	0	4	
TIMU0195	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-11/04/85	2	12	
TIMU0242	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	0	4	
TIMU0243	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-11/10/92	0	4	
TIMU0372	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/09/93-07/08/93	0	2	
TIMU0378	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/05/85-11/04/85	0	4	
TIMU0388	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/09/93-07/08/93	0	2	
TIMU0400	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-07/31/97	3	88	
TIMU0402	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-03/20/95	12	52	
TIMU0405	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/07/95-07/21/98	3	20	
TIMU0410	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-01/02/96	1	38	
TIMU0421	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/02/83-09/10/85	2	10	
TIMU0424	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-11/09/92	0	3	
TIMU0426	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-11/09/92	9	15	
TIMU0434	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	0	4	
TIMU0437	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/07/95-07/21/98	3	35	
TIMU0438	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-09/09/85	2	11	
TIMU0006	No	32230	CHLOROPHYLL A (MG/L)	06/26/78-06/26/78	0	2	
TIMU0377	No	32230	CHLOROPHYLL A (MG/L)	06/26/78-06/26/78	0	2	
TIMU0387	No	32230	CHLOROPHYLL A (MG/L)	06/26/78-06/27/78	0	2	
TIMU0165	No	32240	TANNIN AND LIGNIN (MG/L)	05/23/69-05/23/69	0	1	
TIMU0392	No	32240	TANNIN AND LIGNIN (MG/L)	01/19/77-05/24/78	1	4	
TIMU0030	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0207	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	0	1	
TIMU0217	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	0	1	
TIMU0235	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	0	1	
TIMU0247	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	0	1	
TIMU0251	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	0	1	
TIMU0254	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	0	1	
TIMU0269	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	0	1	
TIMU0271	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	0	1	
TIMU0288	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	0	1	
TIMU0336	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0180	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34223	ANTHRACENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34223	ANTHRACENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0165	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/20/82-09/06/83	0	2	
TIMU0405	Yes	34257	B-BHC-BETA DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0165	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/20/82-09/06/83	0	2	
TIMU0180	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0180	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34323	CHRYSENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34323	CHRYSENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0165	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/20/82-09/06/83	0	2	
TIMU0180	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0165	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/20/82-09/06/83	0	2	
TIMU0180	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0165	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/20/82-09/06/83	0	2	
TIMU0180	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0184	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	05/20/92-05/20/92	0	1	
TIMU0165	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/20/82-09/06/83	0	2	
TIMU0180	Yes	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34384	FLUORENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34384	FLUORENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34384	FLUORENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34384	FLUORENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34384	FLUORENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34384	FLUORENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34411	ISOPHORONE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34411	ISOPHORONE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0180	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34450	NITROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0180	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34465	PHENANTHRENE WET WGTTISMG/KG	05/20/92-05/20/92	0	1	
TIMU0180	Yes	34472	PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34472	PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34472	PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34472	PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34472	PYRENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34472	PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0405	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0405	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	0	1	
TIMU0428	No	34710	BENZO(B/K)FLUORANTHENE (ISOMERS) SED DRY WT UG/KG	05/20/92-05/20/92	0	1	
TIMU0030	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/26/83-10/27/83	0	2	
TIMU0049	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/26/83-10/27/83	0	2	
TIMU0401	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/17/61-11/08/65	4	2	
TIMU0428	No	38743	CHLORPYRIFOS-METHYL SEDDRYWGTUG/KG	05/20/92-05/20/92	0	1	
TIMU0203	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	09/20/82-09/06/83	0	2	
TIMU0165	No	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	09/20/82-09/06/83	0	2	
TIMU0165	No	39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	09/20/82-09/06/83	0	2	
TIMU0165	No	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	09/20/82-09/06/83	0	2	
TIMU0165	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/20/82-09/06/83	0	2	
TIMU0405	Yes	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	01/05/97-01/05/97	0	1	
TIMU0428	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	05/20/92-05/20/92	0	1	
TIMU0437	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	01/05/97-01/05/97	0	1	
TIMU0405	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	05/20/92-05/20/92	0	1	
TIMU0203	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/04/83	0	3	
TIMU0202	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0436	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0165	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0405	Yes	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0437	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0165	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0405	Yes	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0437	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0165	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0405	Yes	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0437	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0165	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0405	Yes	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0437	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0165	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0405	Yes	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0437	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0165	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0405	Yes	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0437	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0203	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0202	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0428	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0436	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0437	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0203	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/05/83	0	3	
TIMU0314	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/04/83	0	3	
TIMU0369	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/04/83	0	3	
TIMU0165	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/20/82-09/06/83	0	2	
TIMU0202	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	0	1	
TIMU0317	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	0	1	
TIMU0368	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/20/92-05/20/92	0	1	
TIMU0436	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	0	1	
TIMU0437	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0030	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/26/83-12/13/83	0	4	
TIMU0032	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/05/83	0	3	
TIMU0314	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/04/83	0	3	
TIMU0369	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/04/83	0	3	
TIMU0165	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/20/82-09/06/83	0	2	
TIMU0202	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	0	1	
TIMU0317	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	0	1	
TIMU0368	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	0	1	
TIMU0436	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	0	1	
TIMU0165	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/20/82-09/06/83	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0203	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0202	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0428	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0436	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0203	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0202	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0428	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0436	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0030	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0202	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0428	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0436	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0165	No	39379	SUM OF ALL DDT,DDE& DDD VALUES IN WHL WATER SAMP	11/01/76-11/01/76	0	1	
TIMU0203	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0202	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0317	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0368	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	0	1	
TIMU0428	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/92-05/20/92	0	1	
TIMU0436	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0437	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	0	1	
TIMU0030	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0202	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0436	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0030	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0202	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0428	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0436	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0437	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0428	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0030	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/20/82-09/06/83	0	2	
TIMU0202	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0317	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0368	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	0	1	
TIMU0428	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/92-05/20/92	0	1	
TIMU0436	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0437	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	0	1	
TIMU0030	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	0	1	
TIMU0202	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0428	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0436	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0437	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0203	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0202	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-06/20/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0317	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0368	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	01/05/97-01/05/97	0	1	
TIMU0428	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/20/92-05/20/92	0	1	
TIMU0436	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0437	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	01/05/97-01/05/97	0	1	
TIMU0030	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/20/82-09/06/83	0	2	
TIMU0180	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0182	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0184	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/29/93-07/29/93	0	1	
TIMU0202	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0317	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0368	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0436	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/04/84-12/04/84	0	1	
TIMU0165	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/20/82-09/06/83	0	2	
TIMU0428	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	05/20/92-05/20/92	0	1	
TIMU0165	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/20/82-09/06/83	0	2	
TIMU0165	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/20/82-09/06/83	0	2	
TIMU0428	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/20/92-05/20/92	0	1	
TIMU0165	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/20/82-09/06/83	0	2	
TIMU0428	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/20/92-05/20/92	0	1	
TIMU0165	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/20/82-09/06/83	0	2	
TIMU0428	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/20/92-05/20/92	0	1	
TIMU0165	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/20/82-09/06/83	0	2	
TIMU0165	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/20/82-09/06/83	0	2	
TIMU0030	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0165	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/76-11/01/76	0	1	
TIMU0203	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0202	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0436	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0030	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0165	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0030	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0165	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0030	Yes	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0030	Yes	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0165	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0165	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0405	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0428	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	05/20/92-05/20/92	0	1	
TIMU0437	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	0	1	
TIMU0405	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	01/05/97-01/05/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0428	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0437	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0030	Yes	39755	MIREX, TOTAL (UG/L)	10/26/83-10/27/83	0	2	
TIMU0032	Yes	39755	MIREX, TOTAL (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39755	MIREX, TOTAL (UG/L)	10/26/83-10/27/83	0	2	
TIMU0203	Yes	39755	MIREX, TOTAL (UG/L)	06/20/83-10/05/83	0	3	
TIMU0240	Yes	39755	MIREX, TOTAL (UG/L)	06/20/83-10/05/83	0	3	
TIMU0314	No	39755	MIREX, TOTAL (UG/L)	06/20/83-10/04/83	0	3	
TIMU0369	No	39755	MIREX, TOTAL (UG/L)	06/20/83-10/04/83	0	3	
TIMU0165	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	09/20/82-09/06/83	0	2	
TIMU0202	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-10/05/83	0	2	
TIMU0239	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0317	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0368	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-06/20/83	0	1	
TIMU0404	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0436	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/84-12/04/84	0	1	
TIMU0030	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	0	1	
TIMU0049	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	0	2	
TIMU0035	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	8	
TIMU0102	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	8	
TIMU0117	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	04/22/98-04/22/98	0	1	
TIMU0128	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	8	
TIMU0135	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-02/18/98	0	5	
TIMU0141	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	8	
TIMU0185	No	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0192	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0205	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	6	
TIMU0232	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	6	
TIMU0278	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0323	No	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0370	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0416	Yes	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0425	No	46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)	02/19/97-04/22/98	1	7	
TIMU0009	Yes	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0011	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0045	Yes	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0114	Yes	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	11/26/84-01/06/86	1	2	
TIMU0146	Yes	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0165	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/08/84-10/08/84	0	1	
TIMU0191	Yes	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0264	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0286	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0315	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0352	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	0	1	
TIMU0363	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	0	1	
TIMU0387	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	0	1	
TIMU0394	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	0	1	
TIMU0399	No	46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	0	1	
TIMU0009	Yes	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0011	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0045	Yes	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0114	Yes	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	11/26/84-01/06/86	1	2	
TIMU0146	Yes	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0165	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/08/84-10/08/84	0	1	
TIMU0191	Yes	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0264	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0286	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0315	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0352	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	0	1	
TIMU0363	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	0	1	
TIMU0387	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	0	1	
TIMU0394	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	0	1	
TIMU0399	No	46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	0	1	
TIMU0188	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/07/96-08/07/96	0	1	
TIMU0190	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/11/94-12/18/96	2	75	
TIMU0372	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	06/09/93-07/01/94	1	8	
TIMU0388	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	06/09/93-07/01/94	1	9	
TIMU0402	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/10/94-03/20/95	1	8	
TIMU0405	Yes	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/17/97-12/30/98	1	13	
TIMU0408	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/07/96-08/07/96	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0410	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/11/94-12/18/96	2	76	
TIMU0437	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/17/97-07/21/98	1	19	
TIMU0139	No	48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	04/04/78-05/15/78	0	2	
TIMU0165	No	48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	11/20/74-06/12/78	3	14	
TIMU0401	Yes	48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	05/18/76-04/04/78	1	2	
TIMU0207	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0217	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0223	Yes	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0235	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0247	Yes	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0251	Yes	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0254	Yes	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0269	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0271	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0288	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0336	No	49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0180	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	49757	NAPHTHALENE,2,3,5-TRIMETHYL,DRY WT.,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	49757	NAPHTHALENE,2,3,5-TRIMETHYL,DRY WT.,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	49900	PARTICLE SIZE, CLAY 0.002-0.0002MM, DRYWTSEDIMENT%	01/05/97-01/05/97	0	1	
TIMU0437	No	49900	PARTICLE SIZE, CLAY 0.002-0.0002MM, DRYWTSEDIMENT%	01/05/97-01/05/97	0	1	
TIMU0405	Yes	49906	PARTICLE SIZE,0.05-0.002MM SILT,DRYWT.,SEDIMENT %	01/05/97-01/05/97	0	1	
TIMU0437	No	49906	PARTICLE SIZE,0.05-0.002MM SILT,DRYWT.,SEDIMENT %	01/05/97-01/05/97	0	1	
TIMU0405	Yes	49925	PARTICLE SIZE, .05-2.0MM SAND DRY WT.,SEDIMENT %	01/05/97-01/05/97	0	1	
TIMU0437	No	49925	PARTICLE SIZE, .05-2.0MM SAND DRY WT.,SEDIMENT %	01/05/97-01/05/97	0	1	
TIMU0165	No	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/30/79-07/30/79	0	1	
TIMU0217	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0223	Yes	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0235	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0247	Yes	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0251	Yes	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0254	Yes	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0269	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	0	1	
TIMU0271	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0288	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	08/16/73-08/16/73	0	1	
TIMU0333	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	03/21/73-03/22/73	0	2	
TIMU0340	No	50787	PHOSPHATE, TOTAL AS P, WATER MG/L	03/21/73-03/22/73	0	4	
TIMU0180	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0180	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50944	DIBENZ(A,H)ANTHRACENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50944	DIBENZ(A,H)ANTHRACENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50947	PCB CONGENER #28 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50947	PCB CONGENER #28 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50951	PCB CONGENER #77/110 (CL4/CL5) DRY WGT,SED UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50951	PCB CONGENER #77/110 (CL4/CL5) DRY WGT,SED UG/KG	01/05/97-01/05/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0405	Yes	50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50957	PCB CONGENER #126/129(CL5/CL6) DRY WGT,SED UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50957	PCB CONGENER #126/129(CL5/CL6) DRY WGT,SED UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50966	GAMMA-CHLORDANE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50966	GAMMA-CHLORDANE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	50967	ENDOSULFAN II, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	50967	ENDOSULFAN II, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61115	PCB CONGENER #169 (C16) SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	61115	PCB CONGENER #169 (C16) SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61116	TOTAL SEDIMENT PARTICLE SIZE % 0 - 0.49 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61116	TOTAL SEDIMENT PARTICLE SIZE % 0 - 0.49 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61117	TOTAL SEDIMENT PARTICLE SIZE % 0.49 - 0.69 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61117	TOTAL SEDIMENT PARTICLE SIZE % 0.49 - 0.69 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61118	TOTAL SEDIMENT PARTICLE SIZE % 0.69 - 0.98 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61118	TOTAL SEDIMENT PARTICLE SIZE % 0.69 - 0.98 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61119	TOTAL SEDIMENT PARTICLE SIZE % 0.98 - 1.38 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61119	TOTAL SEDIMENT PARTICLE SIZE % 0.98 - 1.38 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61120	TOTAL SEDIMENT PARTICLE SIZE % 1.38 - 1.95 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61120	TOTAL SEDIMENT PARTICLE SIZE % 1.38 - 1.95 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61121	TOTAL SEDIMENT PARTICLE SIZE % 1.95 - 2.76 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61121	TOTAL SEDIMENT PARTICLE SIZE % 1.95 - 2.76 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61122	TOTAL SEDIMENT PARTICLE SIZE % 2.76 - 3.91 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61122	TOTAL SEDIMENT PARTICLE SIZE % 2.76 - 3.91 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61123	TOTAL SEDIMENT PARTICLE SIZE % 3.91 - 5.52 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61123	TOTAL SEDIMENT PARTICLE SIZE % 3.91 - 5.52 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61124	TOTAL SEDIMENT PARTICLE SIZE % 5.52 - 7.81 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61124	TOTAL SEDIMENT PARTICLE SIZE % 5.52 - 7.81 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61125	TOTAL SEDIMENT PARTICLE SIZE % 7.81 - 11.0 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61125	TOTAL SEDIMENT PARTICLE SIZE % 7.81 - 11.0 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61126	TOTAL SEDIMENT PARTICLE SIZE % 11.0 - 15.6 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61126	TOTAL SEDIMENT PARTICLE SIZE % 11.0 - 15.6 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61127	TOTAL SEDIMENT PARTICLE SIZE % 15.6 - 22.1 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61127	TOTAL SEDIMENT PARTICLE SIZE % 15.6 - 22.1 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61128	TOTAL SEDIMENT PARTICLE SIZE % 22.1 - 31.0 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61128	TOTAL SEDIMENT PARTICLE SIZE % 22.1 - 31.0 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61129	TOTAL SEDIMENT PARTICLE SIZE % 31.0 - 44.0 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61129	TOTAL SEDIMENT PARTICLE SIZE % 31.0 - 44.0 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61130	TOTAL SEDIMENT PARTICLE SIZE % 44.0 - 62.5 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61130	TOTAL SEDIMENT PARTICLE SIZE % 44.0 - 62.5 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61131	TOTAL SEDIMENT PARTICLE SIZE % 62.5 - 88.0 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61131	TOTAL SEDIMENT PARTICLE SIZE % 62.5 - 88.0 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61132	TOTAL SEDIMENT PARTICLE SIZE % 88.0 - 125.0 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61132	TOTAL SEDIMENT PARTICLE SIZE % 88.0 - 125.0 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61133	TOTAL SEDIMENT PARTICLE SIZE % 125 - 177 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61133	TOTAL SEDIMENT PARTICLE SIZE % 125 - 177 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61134	TOTAL SEDIMENT PARTICLE SIZE % 177 - 250 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61134	TOTAL SEDIMENT PARTICLE SIZE % 177 - 250 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61135	TOTAL SEDIMENT PARTICLE SIZE % 250 - 350 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61135	TOTAL SEDIMENT PARTICLE SIZE % 250 - 350 UM	01/05/97-01/05/97	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0405	Yes	61136	TOTAL SEDIMENT PARTICLE SIZE % 350 - 500 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61136	TOTAL SEDIMENT PARTICLE SIZE % 350 - 500 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61137	TOTAL SEDIMENT PARTICLE SIZE % 500 - 710 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61137	TOTAL SEDIMENT PARTICLE SIZE % 500 - 710 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61138	TOTAL SEDIMENT PARTICLE SIZE % 710 - 1000 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61138	TOTAL SEDIMENT PARTICLE SIZE % 710 - 1000 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61139	TOTAL SEDIMENT PARTICLE SIZE % 1000 - 1410 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61139	TOTAL SEDIMENT PARTICLE SIZE % 1000 - 1410 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61140	TOTAL SEDIMENT PARTICLE SIZE % 1410 - 2000 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61140	TOTAL SEDIMENT PARTICLE SIZE % 1410 - 2000 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61141	TOTAL SEDIMENT PARTICLE SIZE % 2000 - 2830 UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61141	TOTAL SEDIMENT PARTICLE SIZE % 2000 - 2830 UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61142	MEAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61142	MEAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61143	STANDARD DEVIATION OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61143	STANDARD DEVIATION OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61144	MEDIAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61144	MEDIAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61145	MODE OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61145	MODE OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61146	KURTOSIS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61146	KURTOSIS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	0	1	
TIMU0405	Yes	61147	SKEWNESS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	0	1	
TIMU0437	No	61147	SKEWNESS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	0	1	
TIMU0180	Yes	61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	07/29/93-07/29/93	0	1	
TIMU0002	No	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	08/09/82-08/09/82	0	1	
TIMU0046	Yes	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-04/19/82	0	1	
TIMU0064	Yes	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	0	2	
TIMU0266	No	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	0	2	
TIMU0295	No	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	0	2	
TIMU0344	No	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	0	2	
TIMU0360	No	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	0	2	
TIMU0373	No	61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-04/19/82	0	1	
TIMU0023	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/95-10/18/95	0	2	
TIMU0124	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/95-09/20/95	0	1	
TIMU0132	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/95-09/20/95	0	1	
TIMU0143	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/95-09/26/95	0	1	
TIMU0164	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/93-08/11/93	0	3	
TIMU0177	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/93-09/08/93	0	4	
TIMU0189	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/22/94-03/22/94	0	1	
TIMU0190	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/94-08/30/94	0	19	
TIMU0195	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-09/10/85	2	13	
TIMU0203	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	0	6	
TIMU0210	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/83-05/23/84	0	6	
TIMU0212	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/73-01/15/73	0	1	
TIMU0214	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/72-06/07/72	0	1	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0226	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/95-09/07/95	0	1	
TIMU0229	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/72-06/07/72	0	1	
TIMU0240	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	0	6	
TIMU0241	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/95-09/07/95	0	1	
TIMU0257	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/73-01/15/73	0	1	
TIMU0265	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/95-09/07/95	0	1	
TIMU0309	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/73-01/15/73	0	1	
TIMU0314	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	0	6	
TIMU0334	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/72-06/07/72	0	1	
TIMU0361	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/95-10/03/95	0	1	
TIMU0367	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/95-10/03/95	0	1	
TIMU0369	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	0	6	
TIMU0372	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/93-07/01/94	1	8	
TIMU0378	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/05/85-09/10/85	0	4	
TIMU0381	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/95-10/03/95	0	1	
TIMU0386	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/65-04/08/66	0	9	
TIMU0388	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/93-07/01/94	1	9	
TIMU0392	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/19/77-04/06/81	4	9	
TIMU0400	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/22/94-03/22/94	0	1	
TIMU0402	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-03/20/95	12	53	
TIMU0405	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/95-12/30/98	3	23	
TIMU0409	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	0	2	
TIMU0410	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/94-08/30/94	0	20	
TIMU0421	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/84-09/05/84	0	1	
TIMU0426	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-09/10/85	2	13	
TIMU0437	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/95-07/21/98	3	35	
TIMU0438	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-09/09/85	2	13	
TIMU0386	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/19/65-11/14/66	1	12	
TIMU0392	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/19/77-04/06/81	4	9	
TIMU0386	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/01/65-11/14/66	1	13	
TIMU0392	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/09/79-04/06/81	2	5	
TIMU0386	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/19/65-11/14/66	1	12	
TIMU0392	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/19/77-04/06/81	4	9	
TIMU0405	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	01/05/97-01/05/97	0	1	
TIMU0437	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	01/05/97-01/05/97	0	1	
TIMU0405	Yes	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	01/05/97-01/05/97	0	1	
TIMU0437	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	01/05/97-01/05/97	0	1	
TIMU0003	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/15/97	0	6	
TIMU0010	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	57	
TIMU0014	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	55	
TIMU0035	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0053	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-07/26/78	0	1	
TIMU0068	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-10/22/90	17	10	
TIMU0077	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-04/06/92	19	12	
TIMU0083	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-10/22/90	17	10	
TIMU0088	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-10/22/90	17	10	
TIMU0101	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0102	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	10	
TIMU0113	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0114	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-04/06/92	13	4	
TIMU0117	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/98-06/02/98	0	3	
TIMU0120	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-04/06/92	19	12	
TIMU0122	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-07/26/78	0	1	
TIMU0123	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0125	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-04/06/92	13	4	
TIMU0128	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0134	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0135	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-02/18/98	0	6	
TIMU0137	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-04/06/92	13	3	
TIMU0138	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-07/26/78	0	1	
TIMU0139	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/12/77-07/06/92	14	8	
TIMU0141	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	10	
TIMU0142	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	58	
TIMU0145	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0149	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0154	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-07/06/92	14	5	
TIMU0155	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	12	2	
TIMU0156	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0159	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0163	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	12	2	
TIMU0164	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/12/93-08/11/93	0	3	
TIMU0165	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	20	80	T,A

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0168	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	12	2	
TIMU0169	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	0	1	
TIMU0170	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	12	2	
TIMU0177	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/12/93-09/08/93	0	4	
TIMU0181	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/16/97	0	29	
TIMU0185	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0188	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	63	
TIMU0189	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/22/94-03/22/94	0	1	
TIMU0190	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/11/94-12/18/96	2	75	
TIMU0191	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/09/73-01/11/79	5	7	
TIMU0192	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	11	
TIMU0194	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-10/23/86	3	14	
TIMU0205	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0210	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/83-05/23/84	0	4	
TIMU0225	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/78-07/12/78	0	1	
TIMU0226	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/18/93-07/06/93	0	2	
TIMU0230	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	58	
TIMU0231	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	61	
TIMU0232	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0241	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/93-07/06/93	0	1	
TIMU0256	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	59	
TIMU0265	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/93-07/06/93	0	1	
TIMU0268	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/16/97	0	11	
TIMU0277	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/84-09/10/85	1	6	
TIMU0278	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0282	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	57	
TIMU0323	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	8	
TIMU0343	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	59	
TIMU0348	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-09/10/85	2	12	
TIMU0370	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0376	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	61	
TIMU0377	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/09/73-01/11/79	5	7	
TIMU0379	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/05/85-10/23/86	1	6	
TIMU0388	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/09/93-07/01/94	1	9	
TIMU0392	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/19/77-04/06/81	4	9	
TIMU0397	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	60	
TIMU0400	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/22/94-03/22/94	0	1	
TIMU0401	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/18/76-07/12/78	2	4	
TIMU0402	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/13/88-03/20/95	7	26	
TIMU0403	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-11/13/88	5	32	
TIMU0405	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/07/95-07/21/98	3	24	
TIMU0408	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	5	62	
TIMU0409	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/16/97	0	30	
TIMU0410	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/11/94-12/18/96	2	76	
TIMU0416	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	10	
TIMU0418	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/78-07/12/78	0	1	
TIMU0422	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/83-10/23/86	3	12	
TIMU0425	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	1	9	
TIMU0427	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-10/23/86	3	14	
TIMU0436	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-09/09/85	2	13	
TIMU0437	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/07/95-07/21/98	3	40	
TIMU0405	Yes	70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	01/05/97-01/05/97	0	1	
TIMU0437	No	70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	01/05/97-01/05/97	0	1	
TIMU0244	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0248	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0250	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0252	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	0	1	
TIMU0255	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0259	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0260	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	07/15/80-07/15/80	0	1	
TIMU0262	Yes	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	07/15/80-07/15/80	0	1	
TIMU0274	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0280	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0281	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0284	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0287	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0292	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0293	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0294	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0296	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0298	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0299	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	07/15/80-07/15/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0301	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0304	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0308	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0311	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0312	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0313	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0321	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	0	1	
TIMU0322	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	0	1	
TIMU0330	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0331	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0335	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	0	1	
TIMU0339	No	70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	0	2	
TIMU0002	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	08/09/82-09/20/83	1	2	
TIMU0009	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	0	1	
TIMU0011	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	0	1	
TIMU0045	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	0	1	
TIMU0046	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0064	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0077	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/22/90-10/22/90	0	1	
TIMU0114	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	06/16/87-10/15/90	3	2	
TIMU0139	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/08/90-10/08/90	0	1	
TIMU0146	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	0	1	
TIMU0149	Yes	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/15/90-10/15/90	0	1	
TIMU0165	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/01/90-10/01/90	0	1	
TIMU0264	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	0	1	
TIMU0266	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0286	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/15/87-04/15/87	0	1	
TIMU0295	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0344	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0360	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0363	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/13/87-04/13/87	0	1	
TIMU0373	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	1	3	
TIMU0387	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/13/87-04/13/87	0	1	
TIMU0394	No	71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/13/87-04/13/87	0	1	
TIMU0392	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/09/79-04/06/81	2	5	
TIMU0363	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/26/72-09/26/72	0	1	
TIMU0387	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/26/72-09/26/72	0	1	
TIMU0407	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/26/72-09/26/72	0	1	
TIMU0386	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/01/65-11/14/66	1	13	
TIMU0392	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/09/79-04/06/81	2	5	
TIMU0392	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	03/09/79-04/06/81	2	5	
TIMU0328	No	71870	BROMIDE (MG/L AS BR)	09/01/78-07/30/92	13	2	
TIMU0386	No	71885	IRON (UG/L AS FE)	05/01/65-11/14/66	1	4	
TIMU0165	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	01/26/76-02/09/76	0	2	
TIMU0203	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	0	6	
TIMU0210	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/04/84-04/04/84	0	1	
TIMU0240	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	0	6	
TIMU0314	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	0	5	
TIMU0369	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	0	6	
TIMU0392	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/19/77-04/06/81	4	9	
TIMU0203	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0240	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0314	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0369	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0392	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/09/79-04/06/81	2	5	
TIMU0203	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	06/20/83-03/08/84	0	4	
TIMU0240	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/03/83-03/08/84	0	3	
TIMU0314	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/02/83-03/08/84	0	3	
TIMU0369	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	06/20/83-03/08/84	0	4	
TIMU0392	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	03/09/79-04/06/81	2	5	
TIMU0002	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/82-08/09/82	0	1	
TIMU0010	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	1	4	
TIMU0030	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-12/13/83	0	4	
TIMU0032	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-12/13/83	0	4	
TIMU0046	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-08/09/82	0	2	
TIMU0049	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-12/13/83	0	4	
TIMU0064	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	1	3	
TIMU0099	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-10/27/83	0	2	
TIMU0114	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/06/83-09/06/83	0	1	
TIMU0165	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/29/82-09/06/83	1	2	
TIMU0187	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	0	4	
TIMU0188	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	1	4	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0191	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/09/73-11/07/73	0	2	
TIMU0203	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0210	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	03/06/84-05/23/84	0	3	
TIMU0212	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/15/73-01/15/73	0	1	
TIMU0214	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/07/72-06/07/72	0	1	
TIMU0229	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/07/72-06/07/72	0	1	
TIMU0233	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0234	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	0	4	
TIMU0236	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0238	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/73-09/19/73	0	4	
TIMU0240	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0257	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/15/73-01/15/73	0	1	
TIMU0266	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	1	3	
TIMU0270	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	0	4	
TIMU0271	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0272	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/73-08/30/73	0	2	
TIMU0282	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	1	4	
TIMU0285	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0288	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0290	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0291	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0295	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	1	3	
TIMU0300	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0305	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/73-08/30/73	0	1	
TIMU0307	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0309	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/15/73-01/15/73	0	1	
TIMU0314	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0315	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/23/97-01/20/98	0	13	
TIMU0324	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	0	4	
TIMU0325	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/23/77-09/23/77	0	1	
TIMU0327	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/21/77-09/21/77	0	1	
TIMU0329	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0334	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/07/72-06/07/72	0	1	
TIMU0338	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0343	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	1	4	
TIMU0344	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	1	3	
TIMU0345	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	0	1	
TIMU0360	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	1	3	
TIMU0366	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/14/85-01/14/85	0	1	
TIMU0369	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	0	5	
TIMU0373	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	1	3	
TIMU0377	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/09/73-11/07/73	0	2	
TIMU0392	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/19/77-04/06/81	4	9	
TIMU0408	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	1	4	
TIMU0034	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	3	6	
TIMU0035	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	8	
TIMU0056	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	3	6	
TIMU0059	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	3	6	
TIMU0078	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-01/14/91	4	8	
TIMU0095	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	3	7	
TIMU0102	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	8	
TIMU0110	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	3	6	
TIMU0115	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/26/90-03/26/90	0	1	
TIMU0128	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	04/15/97-04/22/98	1	7	
TIMU0135	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	8	
TIMU0136	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5	5	
TIMU0141	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	9	
TIMU0161	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5	5	
TIMU0166	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5	4	
TIMU0179	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-02/19/97	0	1	
TIMU0183	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5	5	
TIMU0185	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	7	
TIMU0186	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5	5	
TIMU0192	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	10	
TIMU0196	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-01/14/91	4	8	
TIMU0198	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5	5	
TIMU0205	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	7	
TIMU0215	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/26/90-03/26/90	0	1	
TIMU0232	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	7	
TIMU0273	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-01/15/91	4	8	
TIMU0276	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5	5	
TIMU0278	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0306	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5	5	
TIMU0323	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	7	
TIMU0350	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5	5	
TIMU0354	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5	5	
TIMU0370	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	8	
TIMU0375	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5	5	
TIMU0396	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-07/08/86	0	1	
TIMU0416	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	8	
TIMU0420	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5	5	
TIMU0425	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	1	8	
TIMU0430	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-03/05/91	3	4	
TIMU0432	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-03/05/91	3	4	
TIMU0002	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0046	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0064	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0165	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/06/74-09/06/83	9	3	
TIMU0180	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0182	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0184	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/93-07/30/93	0	1	
TIMU0202	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	0	5	
TIMU0211	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/26/83-04/19/84	0	9	
TIMU0239	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0266	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0295	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0317	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0319	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/05/83-09/09/84	1	15	
TIMU0320	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/26/83-09/09/84	1	3	
TIMU0344	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0357	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/11/84-06/11/84	0	1	
TIMU0358	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/11/84-07/27/84	0	3	
TIMU0360	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0366	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/14/85-01/14/85	0	1	
TIMU0368	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	0	4	
TIMU0373	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	0	1	
TIMU0404	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0405	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0428	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/20/92-05/20/92	0	1	
TIMU0436	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/84-12/04/84	0	1	
TIMU0437	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/05/97-01/05/97	0	1	
TIMU0001	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	0	1	
TIMU0009	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	1	5	
TIMU0011	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	1	5	
TIMU0045	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-11/30/87	4	6	
TIMU0053	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-07/26/78	0	1	
TIMU0068	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	13	11	
TIMU0074	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	0	1	
TIMU0077	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	16	24	
TIMU0083	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	13	12	
TIMU0088	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	13	12	
TIMU0101	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-05/15/78	0	1	
TIMU0113	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	12	5	
TIMU0114	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-07/27/98	20	63	T
TIMU0120	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	16	23	
TIMU0122	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-04/15/91	12	5	
TIMU0123	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	12	5	
TIMU0125	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	16	17	
TIMU0134	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	12	5	
TIMU0137	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-10/10/94	16	17	
TIMU0138	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-04/15/91	12	4	
TIMU0139	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/04/78-10/05/94	16	26	
TIMU0145	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/10/79	0	2	
TIMU0146	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	1	5	
TIMU0149	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	12	5	
TIMU0154	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	16	19	
TIMU0155	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	12	6	
TIMU0156	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	12	6	
TIMU0159	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/24/79-04/15/91	11	4	
TIMU0163	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	12	8	
TIMU0165	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/31/77-05/07/98	20	72	T
TIMU0168	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	12	9	
TIMU0169	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/10/79	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0170	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	12	9	
TIMU0191	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	1	25	
TIMU0225	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/12/78-05/18/83	4	4	
TIMU0261	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	0	1	
TIMU0264	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	1	25	
TIMU0286	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	1	5	
TIMU0297	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	0	1	
TIMU0315	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-02/04/98	14	87	T
TIMU0352	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	1	25	
TIMU0363	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-04/13/87	0	5	
TIMU0364	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	0	1	
TIMU0366	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	01/14/85-01/14/85	0	1	
TIMU0377	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	0	1	
TIMU0380	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/16/95-10/16/95	0	1	
TIMU0383	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/16/95-10/16/95	0	1	
TIMU0387	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-02/17/87	0	4	
TIMU0394	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/22/86-04/13/87	0	4	
TIMU0399	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	1	25	
TIMU0401	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/31/77-11/16/87	10	7	
TIMU0418	Yes	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/12/78-05/18/83	4	4	
TIMU0435	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/02/98-09/02/98	0	1	
TIMU0068	No	72017	SERIES CODE (BM WELL DATA)	01/05/87-01/05/87	0	1	
TIMU0022	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/03/77-05/03/77	0	1	
TIMU0206	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/02/77-05/02/77	0	1	
TIMU0219	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/02/77-05/02/77	0	1	
TIMU0328	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/17/80-04/20/94	14	35	
TIMU0342	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/04/77-05/04/77	0	1	
TIMU0414	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/04/77-05/04/77	0	1	
TIMU0443	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/02/77-05/02/77	0	1	
TIMU0022	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/03/77-05/03/77	0	1	
TIMU0206	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/02/77-05/02/77	0	1	
TIMU0219	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/02/77-05/02/77	0	1	
TIMU0328	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	01/17/80-04/20/94	14	35	
TIMU0342	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/04/77-05/04/77	0	1	
TIMU0402	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	02/19/86-02/19/86	0	1	
TIMU0414	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/04/77-05/04/77	0	1	
TIMU0443	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/02/77-05/02/77	0	1	
TIMU0405	Yes	73123	CHLORONAPHTHALENE,1-, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	73123	CHLORONAPHTHALENE,1-, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	0	1	
TIMU0325	No	74008	POWER PLANT LOAD IN MEGAWATTS-METER READING	01/01/70-12/31/70	0	503	
TIMU0180	Yes	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0180	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0030	Yes	78216	ALDRIN + DIELDRIN TOTWUG/L	10/26/83-12/13/83	0	4	
TIMU0032	Yes	78216	ALDRIN + DIELDRIN TOTWUG/L	10/27/83-10/27/83	0	1	
TIMU0049	Yes	78216	ALDRIN + DIELDRIN TOTWUG/L	10/26/83-10/27/83	0	2	
TIMU0405	Yes	78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	78828	BENZO(GHI)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	05/20/92-05/20/92	0	1	
TIMU0180	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	78871	OXYCHLORDANE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	78871	OXYCHLORDANE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	05/20/92-05/20/92	0	1	
TIMU0405	Yes	78924	NONACHLOR, CIS, SEDIMENT, DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	78924	NONACHLOR, CIS, SEDIMENT, DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	79787	TETRACHLOROBENZENE,1,2,4,5- SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	79787	TETRACHLOROBENZENE,1,2,4,5- SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	79796	CHLORDANE, CIS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0437	No	79796	CHLORDANE, CIS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	79798	METHOXYCHLOR SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	79798	METHOXYCHLOR SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	79800	MIREX SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	79800	MIREX SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	0	1	
TIMU0003	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/15/97	0	4	
TIMU0010	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	15	
TIMU0014	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	14	
TIMU0023	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/18/95-03/04/97	1	3	
TIMU0124	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	03/04/97-03/04/97	0	1	
TIMU0132	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	03/04/97-03/04/97	0	1	
TIMU0142	Yes	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	15	
TIMU0143	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/09/96-03/04/97	0	2	
TIMU0181	Yes	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/16/97	0	17	
TIMU0188	Yes	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	19	
TIMU0190	Yes	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	01/11/94-11/20/96	2	63	
TIMU0226	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/18/93-07/06/93	0	2	
TIMU0230	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	15	
TIMU0231	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	17	
TIMU0241	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/06/93-07/06/93	0	1	
TIMU0256	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	15	
TIMU0265	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/06/93-07/06/93	0	1	
TIMU0268	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/16/97	0	6	
TIMU0282	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	15	
TIMU0343	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	16	
TIMU0361	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/03/95-10/03/95	0	1	
TIMU0367	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/03/95-10/03/95	0	1	
TIMU0376	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	16	
TIMU0380	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/16/95-10/16/95	0	1	
TIMU0381	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/03/95-10/03/95	0	1	
TIMU0383	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/16/95-10/16/95	0	1	
TIMU0397	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	16	
TIMU0408	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	1	19	
TIMU0409	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/16/97	0	16	
TIMU0410	No	80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	01/11/94-11/20/96	2	63	
TIMU0009	Yes	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0011	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0045	Yes	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0114	Yes	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	11/26/84-01/06/86	1	2	
TIMU0146	Yes	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0165	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/08/84-10/08/84	0	1	
TIMU0191	Yes	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0264	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0286	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0315	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0352	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	0	1	
TIMU0363	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	0	1	
TIMU0387	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	0	1	
TIMU0394	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	0	1	
TIMU0399	No	80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	0	1	
TIMU0392	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/09/79-04/06/81	2	5	
TIMU0392	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/09/79-04/06/81	2	5	
TIMU0009	Yes	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0011	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0045	Yes	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0114	Yes	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	11/26/84-01/06/86	1	2	
TIMU0146	Yes	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0165	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/08/84-10/08/84	0	1	
TIMU0191	Yes	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0264	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0286	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0315	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0352	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	0	1	
TIMU0363	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	0	1	
TIMU0387	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	0	1	
TIMU0394	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	0	1	
TIMU0399	No	80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	0	1	
TIMU0009	Yes	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0011	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0045	Yes	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0114	Yes	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	11/26/84-01/06/86	1	2	
TIMU0146	Yes	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0165	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/08/84-10/08/84	0	1	
TIMU0191	Yes	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0264	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0286	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0315	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0352	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	0	1	
TIMU0363	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	0	1	
TIMU0387	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	0	1	
TIMU0394	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	0	1	
TIMU0399	No	80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	0	1	
TIMU0009	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0011	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0045	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0114	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	11/26/84-01/06/86	1	2	
TIMU0146	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0165	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/08/84-10/08/84	0	1	
TIMU0191	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0264	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0286	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0315	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0352	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	0	1	
TIMU0363	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	0	1	
TIMU0387	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	0	1	
TIMU0394	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	0	1	
TIMU0399	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	0	1	
TIMU0428	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	05/20/92-05/20/92	0	1	
TIMU0180	Yes	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/29/93-07/29/93	0	1	
TIMU0113	Yes	81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	09/06/83-09/12/84	1	2	
TIMU0134	Yes	81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81814	O,P'-DDT IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81819	ALPHA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81821	DELTA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81824	O,P'-DDE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81825	O,P'-DDD IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0113	Yes	81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	0	1	
TIMU0113	Yes	81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-09/12/84	2	3	
TIMU0134	Yes	81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	0	1	
TIMU0114	Yes	81832	PCB - 1254 IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0405	Yes	81857	KEPONE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	81857	KEPONE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	0	1	
TIMU0114	Yes	81860	P,P'-DDD IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81861	P,P'-DDE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81862	P,P'-DDT IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81863	CHLORDANE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	
TIMU0114	Yes	81864	TOXAPHENE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	1	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0202	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/84-12/04/84	0	1	
TIMU0204	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-10/05/83	0	2	
TIMU0239	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-06/20/83	0	1	
TIMU0317	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-06/20/83	0	1	
TIMU0368	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-06/20/83	0	1	
TIMU0404	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/84-12/04/84	0	1	
TIMU0436	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/84-12/04/84	0	1	
TIMU0010	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0014	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0040	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-01/15/86	0	2	
TIMU0062	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-11/07/90	5	3	
TIMU0065	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/07/90-11/07/90	0	1	
TIMU0067	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-07/09/85	0	1	
TIMU0078	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/14/84-03/25/91	6	7	
TIMU0082	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-07/09/85	0	1	
TIMU0093	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/15/86-01/15/86	0	1	
TIMU0098	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-11/17/90	5	4	
TIMU0109	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-01/15/86	0	2	
TIMU0110	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/24/89-11/07/90	1	4	
TIMU0127	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-01/15/86	0	2	
TIMU0130	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/15/86-01/15/86	0	1	
TIMU0136	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/15/85-07/27/92	7	5	
TIMU0142	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0161	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/14/89-07/27/92	3	5	
TIMU0166	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/23/90-07/27/92	1	3	
TIMU0183	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/23/90-07/27/92	2	5	
TIMU0186	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	03/06/91-07/27/92	1	2	
TIMU0188	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/22/86-08/06/91	4	16	
TIMU0196	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	06/26/84-03/25/91	6	9	
TIMU0198	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/15/85-07/27/92	7	3	
TIMU0230	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0231	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0256	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0273	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/19/85-01/15/91	5	4	
TIMU0276	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	03/06/91-08/03/92	1	2	
TIMU0306	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	7	6	
TIMU0343	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/22/86-01/12/88	1	11	
TIMU0350	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	7	5	
TIMU0354	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/14/89-08/03/92	3	3	
TIMU0375	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	7	5	
TIMU0376	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	0	1	
TIMU0408	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/22/86-07/20/88	1	12	
TIMU0420	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	7	5	
TIMU0430	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-03/05/91	6	4	
TIMU0432	No	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-03/05/91	6	4	
TIMU0405	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	01/05/97-01/05/97	0	1	
TIMU0428	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	05/20/92-05/20/92	0	1	
TIMU0437	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	01/05/97-01/05/97	0	1	
TIMU0392	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	04/06/81-04/06/81	0	1	
TIMU0178	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/13/97-06/30/98	1	26302	
TIMU0213	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/07/97-06/30/98	1	23463	
TIMU0010	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	55	
TIMU0014	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	54	
TIMU0023	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/95-03/04/97	1	3	
TIMU0028	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	1	6	
TIMU0034	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-08/21/90	5	19	
TIMU0035	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0036	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	1	6	
TIMU0040	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	1	6	
TIMU0056	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/86-08/21/90	3	4	
TIMU0059	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/06/85-08/21/90	4	4	
TIMU0062	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-11/07/90	5	18	
TIMU0065	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/07/90	4	15	
TIMU0067	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	1	6	
TIMU0078	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	7	35	
TIMU0080	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/06/85-11/06/85	0	1	
TIMU0082	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/15/86-12/10/86	0	2	
TIMU0090	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-03/05/85	0	1	
TIMU0093	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/09/85-12/10/86	1	5	
TIMU0095	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/04/87-08/21/90	3	7	
TIMU0098	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-11/17/90	5	16	
TIMU0102	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	8	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0109	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	1	6	
TIMU0110	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-11/07/90	5	22	
TIMU0117	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/98-06/02/98	0	3	
TIMU0124	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/04/97-03/04/97	0	1	
TIMU0127	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	1	6	
TIMU0128	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0130	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-08/06/86	1	5	
TIMU0132	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/04/97-03/04/97	0	1	
TIMU0133	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/10/86-12/10/86	0	1	
TIMU0135	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-11/12/97	0	4	
TIMU0136	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	7	17	
TIMU0141	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	8	
TIMU0142	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	57	
TIMU0143	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/09/96-03/04/97	0	2	
TIMU0157	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	0	4	
TIMU0161	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	7	17	
TIMU0162	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-11/02/92	0	3	
TIMU0164	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/12/93-08/11/93	0	3	
TIMU0166	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	7	16	
TIMU0177	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/12/93-09/08/93	0	4	
TIMU0183	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	7	17	
TIMU0185	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	6	
TIMU0186	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	7	17	
TIMU0188	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	10	99	A
TIMU0190	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/22/94-12/18/96	2	57	
TIMU0192	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	8	
TIMU0193	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	0	4	
TIMU0195	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-10/23/86	3	15	
TIMU0196	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	7	28	
TIMU0197	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/26/89-03/05/91	1	2	
TIMU0198	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	7	17	
TIMU0201	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/91-03/05/91	0	1	
TIMU0205	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0207	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/16/73-08/16/73	0	1	
TIMU0215	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/23/84-11/04/86	2	7	
TIMU0226	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/18/93-07/06/93	0	2	
TIMU0230	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	57	
TIMU0231	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	60	
TIMU0232	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0241	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/06/93-07/06/93	0	1	
TIMU0242	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	0	4	
TIMU0243	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-11/10/92	0	4	
TIMU0256	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	58	
TIMU0263	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/86-02/12/90	3	38	
TIMU0265	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/06/93-07/06/93	0	1	
TIMU0273	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/85-01/15/91	5	27	
TIMU0276	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	7	17	
TIMU0278	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	6	
TIMU0282	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	57	
TIMU0306	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	7	18	
TIMU0323	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	6	
TIMU0336	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/16/73-08/16/73	0	1	
TIMU0343	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	10	96	A
TIMU0350	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	7	18	
TIMU0351	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-02/12/90	3	41	
TIMU0354	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	7	17	
TIMU0361	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/03/95-10/03/95	0	1	
TIMU0362	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/86-07/16/90	3	7	
TIMU0367	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/03/95-10/03/95	0	1	
TIMU0370	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0371	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/09/87-11/09/87	0	1	
TIMU0372	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/93-07/01/94	1	8	
TIMU0375	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	7	17	
TIMU0376	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	60	
TIMU0378	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-10/23/86	1	6	
TIMU0381	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/03/95-10/03/95	0	1	
TIMU0388	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/93-07/01/94	1	9	
TIMU0391	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-07/15/91	5	17	
TIMU0396	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-11/04/86	3	14	
TIMU0397	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	60	
TIMU0402	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-03/20/95	12	58	
TIMU0405	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/07/95-12/30/98	3	23	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0408	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	10	88	A
TIMU0410	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/22/94-12/18/96	2	57	
TIMU0416	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0420	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	7	18	
TIMU0421	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/02/83-10/23/86	3	13	
TIMU0424	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-11/09/92	0	3	
TIMU0425	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	1	7	
TIMU0426	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-11/09/92	9	18	
TIMU0430	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-03/05/91	6	17	
TIMU0432	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-03/05/91	6	17	
TIMU0434	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	0	4	
TIMU0437	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/07/95-07/21/98	3	35	
TIMU0438	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-09/09/85	2	13	
TIMU0001	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-09/20/83	0	2	
TIMU0002	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/09/82-08/09/82	0	1	
TIMU0009	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/20/87	0	3	
TIMU0011	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/20/87	0	3	
TIMU0045	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-04/20/87	4	5	
TIMU0046	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/19/82-08/09/82	0	2	
TIMU0074	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	3	5	
TIMU0077	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	10/07/85-10/22/90	5	5	
TIMU0114	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	12/08/82-10/15/90	7	19	
TIMU0138	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/05/78-01/05/78	0	1	
TIMU0139	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/25/76-10/08/90	14	9	
TIMU0146	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/20/87	0	3	
TIMU0149	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	10/15/90-10/15/90	0	1	
TIMU0165	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	02/07/74-10/01/90	16	23	
TIMU0225	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/15/79-05/15/79	0	1	
TIMU0261	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-09/20/83	0	2	
TIMU0264	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/21/86-04/20/87	0	3	
TIMU0266	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/19/82-08/09/82	0	2	
TIMU0286	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/15/87	0	3	
TIMU0295	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/19/82-08/09/82	0	2	
TIMU0297	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-09/20/83	0	2	
TIMU0315	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	3	5	
TIMU0363	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/20/86-04/13/87	0	3	
TIMU0364	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	3	5	
TIMU0366	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/24/84-01/14/85	0	3	
TIMU0377	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	3	5	
TIMU0387	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/20/86-04/13/87	0	3	
TIMU0394	No	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/22/86-04/13/87	0	3	
TIMU0401	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/18/76-05/18/81	5	8	
TIMU0418	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/15/79-05/15/79	0	1	
TIMU0139	No	82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	05/25/76-04/04/78	1	3	
TIMU0165	No	82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	06/18/75-06/18/75	0	1	
TIMU0401	Yes	82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	05/18/76-04/04/78	1	3	
TIMU0139	No	82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	05/25/76-04/04/78	1	3	
TIMU0165	No	82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	06/18/75-06/18/75	0	1	
TIMU0401	Yes	82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	05/18/76-04/04/78	1	3	
TIMU0139	No	82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	05/25/76-04/04/78	1	3	
TIMU0165	No	82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	06/18/75-06/18/75	0	1	
TIMU0401	Yes	82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	05/18/76-04/04/78	1	3	
TIMU0001	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-09/20/83	0	2	
TIMU0002	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/09/82-08/09/82	0	1	
TIMU0009	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/20/87	0	3	
TIMU0011	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/20/87	0	3	
TIMU0045	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-04/20/87	4	5	
TIMU0046	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/19/82-08/09/82	0	2	
TIMU0074	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	3	5	
TIMU0077	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	10/07/85-10/22/90	5	5	
TIMU0114	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	12/08/82-10/15/90	7	19	
TIMU0138	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/05/78-01/05/78	0	1	
TIMU0139	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/25/76-10/08/90	14	9	
TIMU0146	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/20/87	0	3	
TIMU0149	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	10/15/90-10/15/90	0	1	
TIMU0165	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	02/07/74-10/01/90	16	23	
TIMU0225	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/15/79-05/15/79	0	1	
TIMU0261	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-09/20/83	0	2	
TIMU0264	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/21/86-04/20/87	0	3	
TIMU0266	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/19/82-08/09/82	0	2	
TIMU0286	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/15/87	0	3	
TIMU0295	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/19/82-08/09/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0297	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-09/20/83	0	2	
TIMU0315	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	3	5	
TIMU0363	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/20/86-04/13/87	0	3	
TIMU0364	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	3	5	
TIMU0366	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/24/84-01/14/85	0	3	
TIMU0377	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	3	5	
TIMU0387	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/20/86-04/13/87	0	3	
TIMU0394	No	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/22/86-04/13/87	0	3	
TIMU0401	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/18/76-05/18/81	5	8	
TIMU0418	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/15/79-05/15/79	0	1	
TIMU0165	No	82251	ARTIFICIAL SUBSTRATE,DIVERSITY INDEX	02/07/74-02/07/74	0	1	
TIMU0165	No	82252	ARTIFICIAL SUBSTRATE +/- DIVERSITY INDEX	02/07/74-02/07/74	0	1	
TIMU0165	No	82253	ARTIFICIAL SUBSTRATE,REDUNDANCY INDEX	02/07/74-02/07/74	0	1	
TIMU0165	No	82254	ARTIFICIAL SUBSTRATE +/- REDUNDANCY INDEX	02/07/74-02/07/74	0	1	
TIMU0165	No	82255	ARTIFICIAL SUBTRATE #OF SPECIES INDEX	02/07/74-02/07/74	0	1	
TIMU0077	No	82257	BIOTIC INDEX (SPECIES) INDEX	10/22/90-10/22/90	0	1	
TIMU0114	Yes	82257	BIOTIC INDEX (SPECIES) INDEX	01/06/86-10/15/90	4	2	
TIMU0139	No	82257	BIOTIC INDEX (SPECIES) INDEX	10/08/90-10/08/90	0	1	
TIMU0149	Yes	82257	BIOTIC INDEX (SPECIES) INDEX	10/15/90-10/15/90	0	1	
TIMU0165	No	82257	BIOTIC INDEX (SPECIES) INDEX	10/01/90-10/01/90	0	1	
TIMU0010	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	55	
TIMU0014	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	39	
TIMU0078	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/14/84-03/25/91	6	9	
TIMU0142	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	42	
TIMU0157	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-01/18/93	0	3	
TIMU0162	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-08/18/92	0	2	
TIMU0164	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/12/93-08/11/93	0	3	
TIMU0177	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/12/93-09/08/93	0	4	
TIMU0188	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	10	109	A
TIMU0190	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/11/94-01/02/96	1	11	
TIMU0193	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-01/18/93	0	3	
TIMU0230	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	41	
TIMU0231	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	44	
TIMU0242	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-11/10/92	0	3	
TIMU0243	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-11/10/92	0	3	
TIMU0256	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	42	
TIMU0263	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	07/16/86-02/12/90	3	41	
TIMU0273	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	02/19/85-01/15/91	5	8	
TIMU0282	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	41	
TIMU0343	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	10	93	A
TIMU0351	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-02/12/90	3	45	
TIMU0362	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	07/16/86-07/16/90	4	8	
TIMU0372	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/09/93-05/04/94	0	3	
TIMU0376	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	44	
TIMU0388	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/09/93-08/24/93	0	3	
TIMU0391	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-07/15/91	5	20	
TIMU0397	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	60	
TIMU0402	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/10/94-03/20/95	1	12	
TIMU0405	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/07/95-12/30/98	3	37	
TIMU0408	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	10	84	
TIMU0410	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/11/94-12/18/96	2	24	
TIMU0424	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-11/09/92	0	3	
TIMU0426	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-08/18/92	0	2	
TIMU0434	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-01/18/93	0	4	
TIMU0437	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/07/95-07/21/98	3	34	
TIMU0001	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0045	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0074	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0077	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	10/07/85-10/22/90	5	7	
TIMU0103	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/18/77-05/18/77	0	1	
TIMU0112	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/18/77-05/18/77	0	1	
TIMU0114	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	07/26/78-10/15/90	12	46	
TIMU0122	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	07/26/78-07/26/78	0	1	
TIMU0137	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	07/26/78-07/26/78	0	1	
TIMU0138	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	01/05/78-01/17/80	2	6	
TIMU0139	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/25/76-10/08/90	14	18	
TIMU0146	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	09/24/86-04/20/87	0	3	
TIMU0149	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	10/15/90-10/15/90	0	3	
TIMU0165	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	02/07/74-10/01/90	16	64	
TIMU0216	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	09/29/97-09/29/97	0	3	
TIMU0225	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/15/79-05/15/79	0	1	
TIMU0227	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	08/26/92-08/26/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0261	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0286	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	09/24/86-09/29/97	11	5	
TIMU0297	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/19/80-09/20/83	3	4	
TIMU0315	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0364	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0366	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	04/24/84-01/14/85	0	3	
TIMU0377	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/21/80-09/20/83	3	4	
TIMU0394	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	10/20/86-04/14/87	0	3	
TIMU0401	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/18/76-05/18/81	5	17	
TIMU0417	No	83500	SAMPLE, AREA SQUARE CENTIMETERS	02/10/92-02/10/92	0	4	
TIMU0418	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	05/15/79-05/15/79	0	1	
TIMU0007	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/14/77-02/14/77	0	1	
TIMU0012	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/76-10/20/76	0	1	
TIMU0015	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0016	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0017	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0019	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0020	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0021	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/01/76-10/01/76	0	1	
TIMU0022	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/03/77-05/03/77	0	1	
TIMU0144	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/29/76-10/29/76	0	1	
TIMU0147	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	12/08/76-12/08/76	0	1	
TIMU0148	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/20/76-10/20/76	0	1	
TIMU0158	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	12/16/76-12/16/76	0	1	
TIMU0174	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/29/76-10/29/76	0	1	
TIMU0194	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/23/86-10/23/86	0	1	
TIMU0199	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/02/76-11/02/76	0	1	
TIMU0202	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0206	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/01/76-05/02/77	0	2	
TIMU0211	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/19/84-04/19/84	0	1	
TIMU0219	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	12/28/76-05/02/77	0	2	
TIMU0220	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/18/76-11/18/76	0	1	
TIMU0228	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	12/28/76-12/28/76	0	1	
TIMU0239	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0277	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/86-06/17/86	0	1	
TIMU0317	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0320	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/09/84-09/09/84	0	1	
TIMU0328	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/13/76-07/20/95	18	56	
TIMU0337	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0341	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0342	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/04/77-05/04/77	0	1	
TIMU0348	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/19/86-02/19/86	0	1	
TIMU0368	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0379	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/23/86-10/23/86	0	1	
TIMU0392	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/06/81-04/06/81	0	1	
TIMU0422	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/23/86-10/23/86	0	1	
TIMU0436	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/09/85-09/09/85	0	1	
TIMU0439	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0440	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0443	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/02/77-05/02/77	0	1	
TIMU0007	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/14/77-02/14/77	0	1	
TIMU0012	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/76-10/20/76	0	1	
TIMU0015	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0016	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0017	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0019	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0020	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/70-06/17/70	0	1	
TIMU0021	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/01/76-10/01/76	0	1	
TIMU0022	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/03/77-05/03/77	0	1	
TIMU0144	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/29/76-10/29/76	0	1	
TIMU0147	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/08/76-12/08/76	0	1	
TIMU0148	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/20/76-10/20/76	0	1	
TIMU0158	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/16/76-12/16/76	0	1	
TIMU0174	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/29/76-10/29/76	0	1	
TIMU0194	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/23/86-10/23/86	0	1	
TIMU0199	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/02/76-11/02/76	0	1	
TIMU0202	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/04/84-12/04/84	0	1	
TIMU0204	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0206	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/01/76-05/02/77	0	2	
TIMU0211	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/19/84-04/19/84	0	1	
TIMU0219	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/28/76-05/02/77	0	2	

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Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0220	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/18/76-11/18/76	0	1	
TIMU0228	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/28/76-12/28/76	0	1	
TIMU0239	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0277	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/86-06/17/86	0	1	
TIMU0317	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0320	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/09/84-09/09/84	0	1	
TIMU0328	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/13/76-07/20/95	18	56	
TIMU0337	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0341	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0342	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/04/77-05/04/77	0	1	
TIMU0348	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/19/86-02/19/86	0	1	
TIMU0368	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/08/84-03/08/84	0	1	
TIMU0379	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/23/86-10/23/86	0	1	
TIMU0392	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/06/81-04/06/81	0	1	
TIMU0422	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/23/86-10/23/86	0	1	
TIMU0436	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/09/85-09/09/85	0	1	
TIMU0439	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0440	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/76-10/04/76	0	1	
TIMU0443	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/02/77-05/02/77	0	1	
TIMU0035	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	8	
TIMU0102	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	8	
TIMU0117	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	04/22/98-04/22/98	0	1	
TIMU0128	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	8	
TIMU0135	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-02/18/98	0	5	
TIMU0141	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0185	No	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0192	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0205	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	6	
TIMU0232	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	6	
TIMU0278	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0323	No	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0370	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0416	Yes	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0425	No	84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE	02/19/97-04/22/98	1	7	
TIMU0035	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	8	
TIMU0102	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	8	
TIMU0117	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	04/22/98-04/22/98	0	1	
TIMU0128	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	8	
TIMU0135	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-02/18/98	0	5	
TIMU0141	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	8	
TIMU0185	No	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0192	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0205	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	6	
TIMU0232	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	6	
TIMU0278	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0323	No	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0370	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0416	Yes	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0425	No	84333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES	02/19/97-04/22/98	1	7	
TIMU0028	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	11	
TIMU0030	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	10/26/83-12/13/83	0	4	
TIMU0032	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	10/26/83-12/13/83	0	4	
TIMU0034	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-08/21/90	5	23	
TIMU0035	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	8	
TIMU0036	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	13	
TIMU0048	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	12	
TIMU0049	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	10/26/83-12/13/83	0	4	
TIMU0056	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-08/21/90	5	17	
TIMU0059	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-08/21/90	5	16	
TIMU0063	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	7	
TIMU0080	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	7	
TIMU0090	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	10	
TIMU0095	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-08/21/90	5	25	
TIMU0099	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	10/26/83-10/27/83	0	2	
TIMU0102	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	8	
TIMU0104	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	11	
TIMU0115	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-08/21/90	5	25	
TIMU0117	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	04/22/98-04/22/98	0	1	
TIMU0128	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	8	
TIMU0129	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	12	
TIMU0133	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	11/13/84-12/10/86	2	12	
TIMU0135	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-02/18/98	0	5	

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

Station/Parameter Period of Record Tabulation
From 10/17/61 To 12/30/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
TIMU0141	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	8	
TIMU0185	No	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0192	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0205	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	6	
TIMU0215	No	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	10/05/83-08/21/90	6	35	
TIMU0232	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	6	
TIMU0278	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0323	No	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0370	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0416	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0425	No	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	02/19/97-04/22/98	1	7	
TIMU0380	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	10/16/95-10/16/95	0	1	
TIMU0383	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	10/16/95-10/16/95	0	1	
TIMU0180	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	07/29/93-07/29/93	0	1	
TIMU0182	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	07/29/93-07/29/93	0	1	
TIMU0184	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	07/29/93-07/29/93	0	1	
TIMU0405	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	01/05/97-01/05/97	0	1	
TIMU0405	Yes	85791	ENDRIN KETONE, SEDIMENT, DRY WT,(SF) UG/KG	01/05/97-01/05/97	0	1	
TIMU0437	No	85791	ENDRIN KETONE, SEDIMENT, DRY WT,(SF) UG/KG	01/05/97-01/05/97	0	1	

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

Station-By-Station Results

Station Inventory for Station: TIMU0001

NPS Station ID: TIMU0001
LAT/LON: 30.395559/ -81.375143
Agency: 21FLA
Date Created: 05/22/82
Location: ATL OCEAN AT ST JOHNS RIVER MOUT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/OCEAN/BIO
STORET Station ID(s): 20030060
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080201
Depth of Water: 23
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080201001
RF1 Mile Point: 6.880
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205072300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER' OCEAN, ATLANTIC NEAR MOUTH OF ST. JOHNS RIVER 100 FT SOUTH OF TIP OF SOUTH JETTY SOUTH OF BOUY 7

Parameter Inventory for Station: TIMU0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	29.	25.	36.	10.	181.	13.454	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	1	27.8	27.8	27.8	27.8	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	44300.	44300.	44300.	44300.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	47300.	47300.	47300.	47300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-09/20/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.275	0.275	0.275	0.275	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	1	0.115	0.115	0.115	0.115	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/20/83-09/20/83	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			230.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	1	3.43	3.43	3.43	3.43	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	1	29.8	29.8	29.8	29.8	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-09/20/83	2	2.997	2.997	3.246	2.747	0.125	0.353	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-09/20/83	2	13.	13.	14.	12.	2.	1.414	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: TIMU0002

NPS Station ID: TIMU0002 LAT/LON: 30.395698/ -81.376253 Agency: 11NPSWRD Date Created: 08/29/98
Location: ATLANTIC OCEAN SOUTH OF BUOY NUMBER 7 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): TIMU_DER_SJR-01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-01 WAS IN THE ATLANTIC OCEAN APPROXIMATELY 100 FEET SOUTH OF THE SOUTH JETTY TIP; SOUTH OF BUOY NUMBER 7 OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/82-08/09/82	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/09/82-08/09/82	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/09/82-08/09/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/82-08/09/82	1	45300.	45300.	45300.	45300.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/09/82-08/09/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/82-08/09/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/82-08/09/82	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/82-08/09/82	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/82-08/09/82	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/09/82-08/09/82	1	152.	152.	152.	152.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/09/82-08/09/82	1	327.	327.	327.	327.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/09/82-08/09/82	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/09/82-08/09/82	1	267.	267.	267.	267.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	881.72	881.72	881.72	881.72	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/09/82-08/09/82	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/09/82-08/09/82	1	2.041	2.041	2.041	2.041	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.								

** - Less than 9 observations ## - 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: TIMU0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/09/82-08/09/82	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/09/82-08/09/82	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	08/09/82-08/09/82	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	08/09/82-09/20/83	2	601.	601.	660.	542.	6962.	83.439	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/82-08/09/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/09/82-08/09/82	1	3.712	3.712	3.712	3.712	0.	0.	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/09/82-08/09/82	1	22.	22.	22.	22.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00	1	1	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	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: TIMU0003

NPS Station ID: TIMU0003 LAT/LON: 30.393142/ -81.379226 Agency: 21FLA Date Created: 03/20/99
Location: BETWN JETTIES NR ST JOHNS PT-L ST JOHNS R 27O FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): WQAS20030000001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
SYNOPTIC SURVEY OF THE LOWER ST JOHNS RIVER DONE IN AUG AND OCT 1997 NEAR STATION 20030060 AGENCY 21FLA

Parameter Inventory for Station: TIMU0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/15/97	6	20.	17.	20.	11.	21.6	4.648	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/15/97	4	15.	15.	20.	10.	16.667	4.082	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/97-10/15/97	3	25.	38.	75.	14.	1057.	32.512	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/15/97	4 ##	0.015	0.124	0.46	0.005	0.05	0.224	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/15/97	4	0.24	0.252	0.37	0.16	0.01	0.1	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/15/97	5	0.3	0.304	0.35	0.24	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/15/97	5 ##	0.025	0.02	0.03	0.002	0.	0.011	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/14/97	3 ##	0.025	0.098	0.25	0.02	0.017	0.131	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/15/97	5	0.051	0.058	0.079	0.043	0.	0.016	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/15/97	4	0.039	0.04	0.047	0.034	0.	0.006	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/15/97	6	2.45	2.5	3.2	1.8	0.224	0.473	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/15/97	3	19000.	19666.667	21000.	19000.	1333333.333	1154.701	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/15/97	6 ##	0.545	1.555	6.68	0.5	6.304	2.511	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/15/97	6 ##	0.515	0.442	0.56	0.	0.048	0.218	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/15/97	5	0.023	0.021	0.034	0.004	0.	0.013	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/15/97	4	0.6	0.675	1.3	0.2	0.209	0.457	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.

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

Station Inventory for Station: TIMU0004

NPS Station ID: TIMU0004 | LAT/LON: 30.397392/ -81.389838 | Agency: 21FLA | Date Created: / /
Location: ST JOHNS R DOWN FR MAYPORT | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030058
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080201 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080201001 | RF1 Mile Point: 6.730 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03070205072100.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.08 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM 100 YDS DOWNSTREAM FROM MAYPORT OFF FERRY SLIP

Parameter Inventory for Station: TIMU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/21/72	73	1.	2.11	10.	1.	8.877	2.979	1.	1.	1.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-07/20/72	66	28.	27.5	30.	26.	1.454	1.206	26.	26.	28.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	3	13.	11.667	15.	7.	17.333	4.163	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/72-07/20/72	9	5.9	5.767	6.6	5.	0.24	0.49	5.	5.3	6.	6.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-07/20/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/72-07/20/72	3	7.6	7.333	7.8	6.6	0.413	0.643	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-07/20/72	3	7.6	7.012	7.8	6.6	0.569	0.754	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-07/20/72	3	0.025	0.097	0.251	0.016	0.018	0.133	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/72-07/19/72	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/19/72-07/19/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/19/72-07/19/72	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-07/21/72	70	12600.	12900.243	18200.	17.	7539444.708	2745.805	10410.	11200.	14400.	16690.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/18/72	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-07/18/72	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			230.								

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

EPA Water Quality Criteria Analysis for Station: TIMU0004

Parameter				Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	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									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0005

NPS Station ID: TIMU0005
LAT/LON: 30.397392/ -81.389838
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R 2 MI FR MOUTH OCEAN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030047
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080201
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080201001
RF1 Mile Point: 6.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205035000.00
RF3 Mile Point: 1.52
Distance from RF3: 0.12
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM TWO MILES FROM MOUTH OF OCEAN

Parameter Inventory for Station: TIMU0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0006

NPS Station ID: TIMU0006 | LAT/LON: 30.398420/ -81.395060 | Agency: 21FLA | Date Created: / /
Location: ST JOHNS R BUOY 11 | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030053
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080201 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080201001 | RF1 Mile Point: 6.630 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103249800.00 | RF3 Mile Point: 5.94 | Distance from RF3: 0.07 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM NEAR BUOY BELL #11 JUST OUTSIDE MAYPORT NAVAL STATION HARBOR, JACKSONVILLE CITY DESIGNATION STATION NO 1

Parameter Inventory for Station: TIMU0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-06/26/78	13	10.	9.923	12.	1.	8.077	2.842	4.6	10.	12.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-06/26/78	13	29.	27.808	30.	16.	13.147	3.626	20.8	28.	29.25	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-12/19/77	4	9.	8.2	12.	2.8	15.627	3.953	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/19/77-06/26/78	5	33000.	34900.	45000.	28000.	49800000.	7056.912	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/72-06/26/78	12	5.9	6.142	7.1	5.	0.475	0.689	5.18	5.625	6.975	7.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-12/19/77	4	0.4	0.575	1.5	0.	0.416	0.645	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	06/26/78-06/26/78	2	3.35	3.35	4.6	2.1	3.125	1.768	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	06/26/78-06/26/78	2	5.55	5.55	7.4	3.7	6.845	2.616	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/72-07/20/72	3	7.5	7.4	7.9	6.8	0.31	0.557	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-07/20/72	3	7.5	7.17	7.9	6.8	0.389	0.624	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-07/20/72	3	0.032	0.068	0.158	0.013	0.006	0.079	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/19/77-06/26/78	5	7.9	7.96	8.2	7.7	0.038	0.195	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/19/77-06/26/78	5	7.9	7.925	8.2	7.7	0.04	0.199	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/77-06/26/78	5	0.013	0.012	0.02	0.006	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-12/19/77	8	65.5	61.125	97.	19.	1077.554	32.826	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	19.	17.429	28.	8.	52.619	7.254	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	53.	49.857	79.	6.	741.143	27.224	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/19/77-12/19/77	1	0.518	0.518	0.518	0.518	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/19/77-12/19/77	1	0.275	0.275	0.275	0.275	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/78-06/26/78	4 ##	0.002	0.004	0.012	0.001	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/19/77-06/26/78	5 ##	0.003	0.006	0.022	0.003	0.	0.009	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/78-06/26/78	2	1.618	1.618	2.168	1.068	0.605	0.778	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/19/77-06/26/78	5	0.31	0.32	0.5	0.15	0.015	0.124	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/19/77-06/26/78	5	0.05	0.056	0.08	0.04	0.	0.018	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-06/26/78	12	16350.	15858.333	21300.	10400.	18309924.242	4279.01	10640.	11575.	19750.	21240.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/19/77-12/19/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/19/77-12/19/77	1	116.	116.	116.	116.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/19/77-12/19/77	1	389.	389.	389.	389.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/19/77-12/19/77	1	363.	363.	363.	363.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/19/77-12/19/77	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/19/77-12/19/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/19/77-12/19/77	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			50.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	4	65.1	115.1	330.	0.2	24269.347	155.786	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-07/19/72	4	0.707	0.809	2.519	-0.699	3.058	1.749	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.436								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/19/77-06/26/78	3	50.	73.333	150.	20.	4633.333	68.069	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/19/77-06/26/78	3	1.699	1.725	2.176	1.301	0.192	0.438	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			53.133								
32230	CHLOROPHYLL A (MG/L)	06/26/78-06/26/78	2	0.056	0.056	0.067	0.045	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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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.	12	0	0.00	12	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									
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	1	1.00				1	1	1.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	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						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00	4	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0007

NPS Station ID: TIMU0007
Location: D-1163 J-1257
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin:
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103305003.53
Description:

LAT/LON: 30.345003/ -81.398060
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 3.52

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302042081235301
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 15.00
Distance from RF3: 0.31

Date Created: 04/14/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/14/77-02/14/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/77-02/14/77	1	316.	316.	316.	316.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/77-02/14/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0008

NPS Station ID: TIMU0008
LAT/LON: 30.400004/ -81.400004
Agency: 1113S050
Date Created: / /
Location: ST JOHNS R MOUTH MAYPORT BASIN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111010
RMI-Indexes: 0320500
Within Park Boundary: No
RMI-Miles: 0001.60
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080103009600.76
RF3 Mile Point: 0.76
Distance from RF3: 0.33
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	15	14.	14.533	17.	12.	1.981	1.407	12.	14.	16.	16.4
00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	8	12.5	21.563	70.	2.5	574.888	23.977	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	15	42500.	39553.333	46800.	13400.	81691238.095	9038.321	22160.	37100.	45500.	46320.
00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	14	8.	7.407	8.7	2.5	2.502	1.582	4.05	7.4	8.1	8.45
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	14	91.9	85.029	96.2	29.8	329.393	18.149	46.05	86.85	94.	95.95
00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	14	0.8	0.921	2.	0.1	0.333	0.577	0.1	0.525	1.4	1.85
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	1.8	1.62	3.3	0.1	0.732	0.855	0.22	0.8	2.2	2.7
00400	PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.8	7.787	8.1	7.4	0.028	0.168	7.52	7.7	7.9	7.98
00400	CONVERTED PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.8	7.754	8.1	7.4	0.03	0.172	7.52	7.7	7.9	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/67-03/27/67	15	0.016	0.018	0.04	0.008	0.	0.008	0.011	0.013	0.02	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	15	112.	108.	120.	76.	133.571	11.557	85.	105.	115.	118.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	15	16800.	15340.	18600.	4500.	13119357.143	3622.065	7950.	14650.	17100.	18120.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	14	490.	1042.857	3300.	230.	1221483.516	1105.207	230.	305.	1550.	3300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/03/67-03/27/67	14	2.69	2.821	3.519	2.362	0.172	0.414	2.362	2.479	3.176	3.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			662.952								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	225.	413.571	1700.	80.	196117.033	442.851	80.	125.	565.	1250.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	2.352	2.433	3.23	1.903	0.163	0.404	1.903	2.096	2.742	3.067
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			270.78								

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

EPA Water Quality Criteria Analysis for Station: TIMU0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	1	0.07				14	1	0.07						
00400	PH	Fresh Chronic	9.	15	0	0.00				15	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00				15	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	15	1.00				15	15	1.00						
		Drinking Water	250.	15	15	1.00				15	15	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	4	0.29				14	4	0.29						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	8	0.57				14	8	0.57						

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

Station Inventory for Station: TIMU0009

NPS Station ID: TIMU0009
LAT/LON: 30.402781/ -81.401392
Agency: 21FLA
Date Created: 03/14/87
Location: ST. JOHNS RIVER NEAR WARDS BANK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030649 /LSJR41
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 19
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 03080103009600.12
RF3 Mile Point: 0.11
Distance from RF3: 0.09
On/Off RF3:
Description:
ST. JOHNS RIVER NEAR WARDS BANK NEAR NORTH JETTY

Parameter Inventory for Station: TIMU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	16	8.5	8.938	21.	2.	48.729	6.981	2.	2.25	15.	21.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	5	20.	20.56	29.	13.	35.568	5.964	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	5	1.	1.1	1.5	1.	0.05	0.224	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	5	6.	5.96	9.8	3.	6.108	2.471	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	5	1.2	1.48	2.	1.	0.232	0.482	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	5	30.	31.	40.	15.	105.	10.247	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	32000.	35860.	53500.	29800.	98648000.	9932.17	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	37000.	37680.	46600.	30300.	33997000.	5830.695	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	4	7.65	7.575	8.4	6.6	0.589	0.768	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	5	7.1	7.3	8.9	5.9	1.385	1.177	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	5	1.	0.94	1.5	0.4	0.173	0.416	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/86-11/30/87	4	8.025	8.013	8.1	7.9	0.007	0.085	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/86-11/30/87	4	8.024	8.006	8.1	7.9	0.007	0.086	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	4	0.009	0.01	0.013	0.008	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	5	8.	8.02	8.1	8.	0.002	0.045	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/86-11/30/87	5	8.	8.018	8.1	8.	0.002	0.045	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	5	0.01	0.01	0.01	0.008	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/24/86-04/20/87	4	28.	28.25	34.	23.	20.25	4.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	12.	14.8	24.	10.	31.2	5.586	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	3.	2.8	4.	2.	0.7	0.837	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	10.	12.	20.	8.	23.5	4.848	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	5 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	5	0.348	0.372	0.508	0.268	0.008	0.089	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	5	0.07	0.08	0.18	0.025	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	4 ##	0.202	0.264	0.637	0.015	0.093	0.305	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	5	14391.	15549.2	19610.	12726.	7340394.7	2709.316	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	5	0.83	0.806	0.91	0.7	0.007	0.085	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	0.5	0.5	0.9	0.1	0.32	0.566	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	2	131.	131.	181.	81.	5000.	70.711	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	2	0.555	0.555	0.59	0.52	0.002	0.049	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	2	153.	153.	154.	152.	2.	1.414	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	2	9.355	9.355	12.4	6.31	18.544	4.306	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	2 ##	9.	9.	13.	5.	32.	5.657	**	**	**	**

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

Parameter Inventory for Station: TIMU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	2 ##	4.25	4.25	6.	2.5	6.125	2.475	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	5	80.	80.2	170.	1.	5110.2	71.486	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/24/86-11/30/87	5	1.903	1.51	2.23	0.	0.841	0.917	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.337								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5	20.	24.2	40.	1.	268.2	16.377	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5	1.301	1.161	1.602	0.	0.444	0.666	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.496								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/30/87	6	4.27	3.952	5.34	1.6	2.351	1.533	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	5.38	5.38	5.38	5.38	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	91.22	91.22	91.22	91.22	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	1	243.	243.	243.	243.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	5	17.	15.8	21.	6.	35.7	5.975	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	1.46	1.46	1.46	1.46	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/20/87	3	2.87	2.982	3.376	2.701	0.123	0.351	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/20/87	3	12.	12.667	15.	11.	4.333	2.082	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	3	3	1.00	2	2	1.00						
		Drinking Water	250.	5	5	1.00	3	3	1.00	2	2	1.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0010

NPS Station ID: TIMU0010
LAT/LON: 30.402531/ -81.402226
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT RED MARKER 10
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	59	22.1	21.369	31.	10.	34.99	5.915	13.	15.9	26.9	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	16	25.25	21.719	32.	0.	98.088	9.904	0.	19.775	28.525	30.6
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	56	0.	15.179	85.	0.	739.058	27.186	0.	0.	23.75	70.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	55	0.91	1.049	3.1	0.	0.328	0.573	0.534	0.76	1.32	1.664
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-03/18/92	2	75.	75.	130.	20.	6050.	77.782	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	59	38394.	39544.051	52867.	16891.	71953233.118	8482.525	26841.	34506.	47489.	50017.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	59	6.8	6.841	8.9	5.	1.13	1.063	5.5	5.8	7.8	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	45	0.7	0.744	2.	0.	0.225	0.475	0.	0.4	1.	1.34
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	58	7.755	7.439	8.3	5.9	0.423	0.65	6.4	6.85	7.885	8.061
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	58	7.755	6.915	8.3	5.9	0.702	0.838	6.4	6.85	7.885	8.061
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	58	0.018	0.122	1.259	0.005	0.046	0.215	0.009	0.013	0.144	0.398
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	59	29.9	27.114	36.	9.9	36.006	6.	18.1	22.6	32.	33.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	57	25.	26.088	48.	0.	96.331	9.815	14.	20.	32.5	40.2
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	41	0.42	0.456	1.01	0.14	0.033	0.182	0.242	0.335	0.575	0.696
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	57 ##	0.03	0.034	0.19	0.	0.001	0.03	0.014	0.015	0.05	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	56	0.435	0.491	1.29	0.12	0.055	0.235	0.234	0.325	0.603	0.807
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	56	0.03	0.06	0.24	0.01	0.003	0.059	0.01	0.016	0.09	0.143
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	56 ##	0.05	0.059	0.13	0.	0.001	0.032	0.015	0.03	0.087	0.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	4	668.5	665.	801.	522.	21427.333	146.381	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	60	16432.5	14430.083	20744.	0.	30247685.569	5499.79	5585.5	12324.5	18353.25	19462.8
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-03/18/92	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	4 ##	2.5	3.25	6.	2.	3.417	1.848	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	4	375.5	407.5	591.	288.	18300.333	135.279	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-04/11/96	2 ##	15.	15.	20.	10.	50.	7.071	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.651	0.651	1.301	0.	0.846	0.92	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.472								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	40	40.	135.	2300.	10.	131846.154	363.106	10.	10.	130.	224.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	40	1.602	1.675	3.362	1.	0.329	0.574	1.	1.	2.114	2.349
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			47.281								

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

Parameter Inventory for Station: TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	41	20.	36.098	500.	10.	6289.39	79.306	10.	10.	20.	72.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	41	1.301	1.279	2.699	1.	0.147	0.384	1.	1.	1.301	1.843
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.025								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	45	2.6	2.757	11.8	0.	5.891	2.427	0.	0.	4.	5.508
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-03/18/92	2	2.6	2.6	3.1	2.1	0.5	0.707	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	57 ##	0.03	0.037	0.12	0.	0.001	0.027	0.01	0.015	0.06	0.08
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	15 ##	0.55	1.05	2.	0.3	0.653	0.808	0.3	0.35	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	55	4.6	5.638	23.	0.	20.499	4.528	0.	2.9	8.	10.4
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	55	9.4	7.015	14.	0.	26.59	5.157	0.	0.	11.5	13.04

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

EPA Water Quality Criteria Analysis for Station: TIMU0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	59	0	0.00	37	0	0.00	22	0	0.00						
00400	PH	Fresh Chronic	9.	58	0	0.00	36	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	58	11	0.19	36	5	0.14	22	6	0.27						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	56	0	0.00	35	0	0.00	21	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	60	55	0.92	36	34	0.94	24	21	0.88						
		Drinking Water	250.	60	55	0.92	36	34	0.94	24	21	0.88						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	2	1.00	1	1	1.00	1	1	1.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	2	1	0.50	1	0	0.00	1	1	1.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	40	1	0.03	24	1	0.04	16	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	41	1	0.02	25	1	0.04	16	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	55	0	0.00	34	0	0.00	21	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.	22.75	28.5	15.5	27.575	5.251	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.91	0.546	0.91	0.	0.248	0.498	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	37100.	35666.667	40800.	26800.	23058666.667	4801.944	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	6.1	6.25	7.3	5.4	0.843	0.918	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	7.1	7.2	7.8	6.4	0.365	0.604	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	7.1	6.896	7.8	6.4	0.48	0.693	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.079	0.127	0.398	0.016	0.025	0.158	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	24.	24.5	33.	17.	25.9	5.089	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	22.	23.5	39.	14.	77.9	8.826	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	0.58	0.602	0.78	0.43	0.014	0.117	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.09	0.098	0.23	0.02	0.005	0.07	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.1	0.107	0.13	0.1	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	14820.5	15118.5	20744.	10872.	10046337.5	3169.596	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.08	0.078	0.12	0.04	0.001	0.027	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	4.1	4.58	10.	0.	13.787	3.713	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	5.5	6.72	13.1	3.7	13.502	3.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	17.8	19.027	27.	12.2	31.226	5.588	12.46	13.5	25.	27.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.875	0.775	0.91	0.3	0.04	0.199	0.331	0.67	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	37900.	38063.636	44300.	28900.	24106545.455	4909.842	29280.	37300.	43600.	44220.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.3	7.036	7.9	5.5	0.765	0.874	5.58	6.2	7.8	7.88
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	6.5	6.518	6.9	5.9	0.084	0.289	5.96	6.4	6.7	6.9
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	6.5	6.419	6.9	5.9	0.094	0.307	5.96	6.4	6.7	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.316	0.381	1.259	0.126	0.104	0.323	0.126	0.2	0.398	1.133
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	32.	29.818	36.	21.	20.564	4.535	21.2	28.	32.	35.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	25.	26.455	42.	15.	64.073	8.005	16.	20.	35.	40.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.025	0.035	0.07	0.025	0.	0.017	0.025	0.025	0.05	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.42	0.448	0.62	0.32	0.009	0.096	0.328	0.38	0.56	0.608
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.03	0.051	0.14	0.02	0.002	0.044	0.02	0.02	0.09	0.136
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11 ##	0.05	0.071	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	17744.	16806.091	19494.	12896.	4438739.091	2106.832	12966.	15620.	18119.	19274.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.05	0.054	0.09	0.02	0.001	0.022	0.022	0.04	0.08	0.088
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	2.85	4.18	15.	0.	26.873	5.184	0.	0.	7.325	14.6
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	5.5	5.82	14.	0.	27.222	5.217	0.	0.	10.4	13.94

** - 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 1993 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	20.3	20.736	30.7	10.	51.527	7.178	10.6	13.5	28.1	30.38
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.91	1.006	2.64	0.	0.396	0.629	0.152	0.84	0.91	2.386
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	40700.	40874.818	50200.	23800.	88534484.564	9409.277	24440.	34200.	49900.	50152.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.1	6.782	8.7	5.	1.676	1.294	5.08	5.7	8.3	8.62
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.69	7.296	8.06	6.3	0.52	0.721	6.32	6.4	7.83	8.038
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.69	6.804	8.06	6.3	0.787	0.887	6.32	6.4	7.83	8.038

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Annual Analysis for 1993 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.02	0.157	0.501	0.009	0.04	0.2	0.009	0.015	0.398	0.481
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	31.	29.155	33.	22.	16.863	4.106	22.	26.	32.8	32.96
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	26.	25.545	40.	7.	67.673	8.226	9.8	21.	29.	38.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.03	0.038	0.06	0.03	0.	0.014	0.03	0.03	0.06	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.32	0.36	0.56	0.22	0.012	0.108	0.224	0.3	0.43	0.552
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.03	0.039	0.12	0.015	0.001	0.033	0.015	0.015	0.06	0.108
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11 ##	0.05	0.06	0.1	0.005	0.001	0.029	0.014	0.05	0.1	0.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	17619.	15669.	19869.	0.	30884046.909	5557.342	3486.3	13527.	18794.	19794.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11 ##	0.03	0.041	0.06	0.03	0.	0.015	0.03	0.03	0.06	0.06
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	1.2	4.327	23.	0.	46.962	6.853	0.	0.	6.5	19.98
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	11	0.	0.	0.	0.	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

Annual Analysis for 1994 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	22.85	22.65	28.7	13.	22.956	4.791	13.41	20.25	26.95	28.54
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	1.27	1.398	3.1	0.61	0.498	0.705	0.618	0.975	1.618	2.981
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	47741.5	43716.4	52867.	29317.	73204190.711	8555.945	29893.	35586.25	50612.75	52736.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	6.4	6.64	8.2	5.5	0.94	0.97	5.53	5.8	7.625	8.18
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.945	7.958	8.3	7.64	0.051	0.225	7.649	7.76	8.135	8.297
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.94	7.908	8.3	7.64	0.053	0.231	7.649	7.76	8.135	8.297
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.011	0.012	0.023	0.005	0.	0.006	0.005	0.007	0.017	0.022
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	31.15	28.31	34.9	18.1	37.472	6.121	18.5	22.475	33.25	34.81
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	30.5	26.9	44.	0.	160.322	12.662	1.7	17.75	35.75	43.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.015	0.018	0.03	0.	0.	0.009	0.002	0.015	0.03	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	0.25	0.274	0.48	0.12	0.016	0.127	0.12	0.165	0.405	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.02	0.033	0.14	0.01	0.002	0.043	0.01	0.01	0.04	0.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9 ##	0.04	0.043	0.07	0.03	0.	0.015	0.03	0.03	0.055	0.07
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	17245.	13558.455	19682.	0.	54440430.073	7378.376	0.	10622.	19119.	19582.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10 ##	0.015	0.019	0.04	0.	0.	0.011	0.002	0.015	0.03	0.039
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	5.8	6.17	12.	2.5	8.782	2.964	2.55	3.975	8.85	11.7
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	11.4	10.39	13.1	0.	14.552	3.815	0.98	10.25	12.625	13.09

** - 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 1995 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	24.45	22.66	31.	13.	46.685	6.833	13.14	15.525	28.725	30.9
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	60.	56.	80.	0.	554.444	23.547	3.5	46.25	71.25	79.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	1.075	1.09	1.76	0.42	0.229	0.479	0.439	0.67	1.54	1.744
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	41026.	38671.2	47957.	16891.	114489444.844	10699.974	17474.8	34057.	47043.5	47910.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.35	7.05	8.9	5.6	1.289	1.136	5.61	5.775	7.8	8.79
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.87	7.858	7.96	7.74	0.004	0.067	7.745	7.805	7.91	7.955
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.87	7.853	7.96	7.74	0.004	0.067	7.745	7.805	7.91	7.955
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.013	0.014	0.018	0.011	0.	0.002	0.011	0.012	0.016	0.018
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	26.3	24.77	31.3	9.9	54.709	7.397	10.28	21.425	30.625	31.27
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	28.	28.7	48.	10.	171.567	13.098	10.4	15.5	41.75	47.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.475	0.638	1.29	0.27	0.134	0.366	0.277	0.34	0.98	1.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.045	0.074	0.24	0.01	0.007	0.082	0.01	0.01	0.11	0.236
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10 ##	0.053	0.053	0.075	0.03	0.001	0.024	0.03	0.03	0.075	0.075

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Annual Analysis for 1995 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	14371.	11349.545	18369.	0.	48459099.073	6961.257	0.	5373.	16995.	18356.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	## 0.015	0.018	0.04	0.015	0.	0.008	0.015	0.015	0.015	0.038
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	6.3	7.23	16.	3.	16.602	4.075	3.02	4.175	9.625	15.4
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	10.65	9.18	12.3	0.	14.013	3.743	0.59	7.625	11.275	12.28

** - 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

Annual Analysis for 1996 - Station TIMU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	23.2	21.255	28.2	11.9	32.789	5.726	12.	16.7	26.5	28.08
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	8	27.5	36.25	85.	5.	955.357	30.909	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	1.12	1.249	2.5	0.68	0.28	0.529	0.68	0.95	1.44	2.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	38394.	38809.091	51657.	25888.	92090277.491	9596.368	26078.6	29989.	47620.	51092.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	6.8	7.018	8.7	5.4	1.314	1.146	5.5	6.	8.4	8.7
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.82	7.76	8.07	7.15	0.069	0.263	7.226	7.64	7.94	8.07
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.82	7.673	8.07	7.15	0.078	0.279	7.226	7.64	7.94	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.015	0.021	0.071	0.009	0.	0.018	0.009	0.011	0.023	0.063
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	24.4	24.836	34.	15.8	46.139	6.793	15.92	18.6	31.1	33.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	25.	24.222	39.	13.	68.694	8.288	13.	16.	29.	39.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.02	0.056	0.19	0.005	0.004	0.064	0.005	0.01	0.1	0.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	0.68	0.682	0.9	0.43	0.022	0.149	0.43	0.585	0.825	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.08	0.083	0.17	0.01	0.004	0.065	0.01	0.02	0.145	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	## 0.015	0.032	0.09	0.	0.001	0.037	0.	0.	0.075	0.09
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	14121.	14245.667	19744.	8997.	15607814.	3950.673	8997.	10497.	17994.5	19744.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.01	0.025	0.09	0.005	0.001	0.03	0.005	0.005	0.04	0.09
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	7.	7.089	10.	4.5	2.376	1.541	4.5	6.1	8.	10.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	11.	10.922	13.7	7.2	3.197	1.788	7.2	10.1	11.8	13.7

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Station Inventory for Station: TIMU0011

NPS Station ID: TIMU0011 LAT/LON: 30.394726/ -81.402226 Agency: 21FLA Date Created: 03/14/87
Location: ST. JOHNS RIVER NEAR MAYPORT CARRIER BASIN FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20030648 /LSJR40
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 13 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080103054700.00 RF3 Mile Point: 13.68 Distance from RF3: 0.18 On/Off RF3:
Description:
ST. JOHNS RIVER NEAR MOUTH OF MAYPORT CARRIER BASIN NEAR SOUTH SHORE

Parameter Inventory for Station: TIMU0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	17	6.	7.294	25.	2.	35.096	5.924	2.	2.	11.	15.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	5	20.	20.6	29.	13.	35.3	5.941	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	4	0.75	0.638	1.	0.05	0.209	0.457	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	5	6.	8.26	21.	3.	53.538	7.317	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	5	1.3	1.41	1.7	1.25	0.035	0.188	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	5	30.	31.	50.	15.	155.	12.45	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	32900.	36840.	46500.	30800.	48843000.	6988.777	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	6	37000.	36600.	42100.	29900.	25548000.	5054.503	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	4	7.8	7.6	8.3	6.5	0.653	0.808	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	5	7.2	7.06	8.4	5.9	0.928	0.963	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	5	0.8	0.68	1.2	0.1	0.217	0.466	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/86-11/30/87	4	8.05	8.05	8.2	7.9	0.017	0.129	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/86-11/30/87	4	8.047	8.036	8.2	7.9	0.017	0.13	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	4	0.009	0.009	0.013	0.006	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	5	8.1	8.04	8.1	7.9	0.008	0.089	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/86-11/30/87	5	8.1	8.032	8.1	7.9	0.008	0.09	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	5	0.008	0.009	0.013	0.008	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	5	26.	25.8	28.	23.	5.2	2.28	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	12.	13.6	20.	7.	28.3	5.32	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	3.	2.6	3.	2.	0.3	0.548	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	9.	11.	17.	5.	24.	4.899	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	6 ##	0.03	0.036	0.066	0.03	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	5	0.374	0.384	0.585	0.25	0.016	0.125	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	5	0.11	0.082	0.14	0.025	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	4 ##	0.015	0.038	0.106	0.015	0.002	0.046	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/17/87-02/17/87	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	5	15646.	15229.6	16410.	13816.	1332557.3	1154.364	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	5	0.83	0.81	0.88	0.69	0.006	0.078	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	0.53	0.53	0.96	0.1	0.37	0.608	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	2	116.5	116.5	150.	83.	2244.5	47.376	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	2	3.17	3.17	4.87	1.47	5.78	2.404	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	2	118.	118.	123.	113.	50.	7.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	2 ##	4.67	4.67	7.84	1.5	20.098	4.483	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	2	59.2	59.2	95.8	22.6	2679.12	51.76	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	2 ##	9.	9.	13.	5.	32.	5.657	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	2.515	2.515	4.03	1.	4.59	2.143	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	5	40.	34.2	70.	1.	663.2	25.753	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/24/86-11/30/87	5	1.602	1.27	1.845	0.	0.541	0.736	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.623								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5 ##	1.	22.6	70.	1.	987.3	31.421	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5 ##	0.	0.689	1.845	0.	0.899	0.948	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.891								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/30/87	6	4.38	4.52	5.99	3.24	1.306	1.143	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	9.24	9.24	9.24	9.24	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	72.46	72.46	72.46	72.46	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	1	980.	980.	980.	980.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	5	12.	11.9	13.	11.	0.8	0.894	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	5.32	5.32	5.32	5.32	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	11.28	11.28	11.28	11.28	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/20/87	3	4.193	4.168	4.227	4.084	0.006	0.075	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/20/87	3	32.	34.	41.	29.	39.	6.245	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	3	3	1.00	2	2	1.00						
		Drinking Water	250.	5	5	1.00	3	3	1.00	2	2	1.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0012

NPS Station ID: TIMU0012
Location: D-0705 J-0830
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103260700.00
Description:

LAT/LON: 30.326115/ -81.403615
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.99

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 301934081241301
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 28.80
Distance from RF3: 0.12

Date Created: 04/14/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/76-10/20/76	1	625.	625.	625.	625.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/76-10/20/76	1	332.	332.	332.	332.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/76-10/20/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0012

				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0013

NPS Station ID: TIMU0013
LAT/LON: 30.400115/ -81.403949
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R BY NAV MARK 4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030059
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080103009600.12
RF3 Mile Point: 0.11
Distance from RF3: 0.08
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM AT MOUTH OF RIVER TO OCEAN BY NAVIGATION MARKER NO 4

Parameter Inventory for Station: TIMU0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0014

NPS Station ID: TIMU0014
LAT/LON: 30.395503/ -81.405892
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR NEAR MAYPORT CARRIER BASIN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	55	22.2	21.602	31.	11.	37.109	6.092	12.8	16.	27.	28.74
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	13	26.8	25.031	32.	11.	35.241	5.936	14.44	20.5	29.75	31.4
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	55	0.	15.127	85.	0.	737.372	27.155	0.	0.	25.	70.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	54	0.91	1.174	2.55	0.	0.231	0.481	0.76	0.91	1.52	2.
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	55	39507.	38603.745	50015.	19175.	50227278.378	7087.121	27705.2	33400.	44892.	47085.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	55	7.	6.856	8.8	5.2	1.211	1.1	5.36	5.8	7.8	8.32
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	44	0.75	0.834	2.1	0.	0.326	0.571	0.	0.5	1.1	1.8
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	54	7.705	7.378	8.39	5.8	0.453	0.673	6.4	6.6	7.885	8.035
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	54	7.705	6.844	8.39	5.8	0.744	0.862	6.4	6.6	7.885	8.035
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	54	0.02	0.143	1.585	0.004	0.069	0.263	0.009	0.013	0.251	0.398
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	55	28.	26.895	34.	11.4	23.429	4.84	19.46	24.5	30.6	32.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	56	24.5	25.107	51.	0.	104.643	10.23	14.4	19.	31.75	40.6
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	41	0.46	0.476	1.03	0.16	0.028	0.168	0.286	0.36	0.56	0.696
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	55 ##	0.03	0.034	0.19	0.	0.001	0.029	0.015	0.015	0.05	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	54	0.445	0.494	1.15	0.12	0.045	0.213	0.28	0.338	0.62	0.81
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	54	0.06	0.073	0.22	0.01	0.003	0.053	0.013	0.03	0.11	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	54	0.09	0.085	0.19	0.	0.001	0.033	0.05	0.068	0.1	0.115
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	58	15682.5	14166.293	19119.	0.	21451953.474	4631.625	8622.1	12839.75	16901.25	17872.4
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	65.	65.	130.	0.	8450.	91.924	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	1.057	1.057	2.114	0.	2.234	1.495	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.402								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	40	115.	182.	1300.	10.	65211.282	255.365	20.	40.	227.5	480.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	40	2.06	1.969	3.114	1.	0.274	0.523	1.301	1.602	2.357	2.677
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			93.047								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	41	20.	65.122	800.	10.	18945.61	137.643	10.	10.	40.	210.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	41	1.301	1.415	2.903	1.	0.257	0.507	1.	1.	1.602	2.312
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.005								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	45	0.	0.192	3.11	0.	0.53	0.728	0.	0.	0.	0.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	55	0.05	0.047	0.1	0.	0.001	0.029	0.005	0.015	0.07	0.09
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	14 ##	0.6	1.111	2.	0.25	0.65	0.806	0.275	0.413	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	38.	38.	38.	38.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	54	3.7	3.772	11.	0.	6.839	2.615	0.	2.1	5.525	7.35
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	39	13.5	13.072	14.7	7.9	2.44	1.562	10.7	12.8	14.2	14.3

** - 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: TIMU0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	55	0	0.00	34	0	0.00	21	0	0.00						
00400	PH	Fresh Chronic	9.	54	0	0.00	33	0	0.00	21	0	0.00						
		Other-Lo Lim.	6.5	54	10	0.19	33	5	0.15	21	5	0.24						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	54	0	0.00	34	0	0.00	20	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	58	54	0.93	35	34	0.97	23	20	0.87						
		Drinking Water	250.	58	54	0.93	35	34	0.97	23	20	0.87						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	40	1	0.03	24	1	0.04	16	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	41	4	0.10	25	1	0.04	16	3	0.19						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	54	0	0.00	33	0	0.00	21	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.1	22.733	28.	16.2	22.891	4.784	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.91	0.972	1.22	0.91	0.019	0.139	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	36150.	35866.667	42300.	27900.	41186666.667	6417.684	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	6.2	6.4	7.9	5.3	1.364	1.168	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.6	6.72	7.1	6.4	0.077	0.277	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.6	6.655	7.1	6.4	0.082	0.287	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.251	0.221	0.398	0.079	0.016	0.125	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	25.5	25.5	31.	18.	26.7	5.167	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	23.	21.667	33.	10.	59.467	7.711	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	0.62	0.623	0.81	0.52	0.01	0.101	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.095	0.112	0.22	0.06	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	15745.	14878.667	16395.	12121.	3647010.267	1909.715	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.08	0.072	0.09	0.04	0.	0.018	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	3.6	3.46	5.6	0.	5.228	2.286	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	19.2	19.47	27.	11.5	29.962	5.474	11.73	14.7	25.625	26.9
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.91	0.874	0.91	0.76	0.003	0.052	0.768	0.84	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	37700.	37310.	44000.	32000.	15021000.	3875.693	32140.	33700.	39925.	43810.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.15	7.	7.9	5.5	0.747	0.864	5.57	6.2	7.8	7.89
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.5	6.49	6.9	5.8	0.099	0.314	5.84	6.35	6.725	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.5	6.367	6.9	5.8	0.116	0.34	5.84	6.35	6.725	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.316	0.43	1.585	0.126	0.185	0.43	0.129	0.189	0.456	1.489
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	30.5	29.7	33.	25.	7.789	2.791	25.1	27.5	32.	32.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	24.5	27.2	51.	15.	131.067	11.448	15.2	18.5	35.5	49.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10	## 0.025	0.029	0.05	0.025	0.	0.008	0.025	0.025	0.03	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.395	0.387	0.59	0.12	0.015	0.121	0.14	0.335	0.445	0.577
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.065	0.067	0.15	0.02	0.002	0.044	0.02	0.02	0.103	0.146
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	## 0.075	0.085	0.19	0.05	0.002	0.045	0.05	0.05	0.103	0.182
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	16432.5	16077.5	17869.	13896.	1649401.611	1284.29	13995.9	14970.	17120.	17794.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.07	0.072	0.09	0.06	0.	0.013	0.06	0.06	0.09	0.09
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	2.35	2.39	5.9	0.	5.479	2.341	0.	0.	4.75	5.83

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

Annual Analysis for 1993 - Station TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	20.5	20.909	29.8	11.	51.901	7.204	11.4	13.5	28.4	29.76
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.91	0.99	2.06	0.	0.249	0.499	0.182	0.91	0.91	1.958
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	37800.	38510.727	50015.	26800.	74530956.818	8633.131	26800.	29400.	46900.	49772.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.	6.745	8.5	5.3	1.469	1.212	5.3	5.6	7.8	8.5
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.67	7.29	8.04	6.1	0.526	0.725	6.16	6.5	7.87	8.02
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.67	6.768	8.04	6.1	0.825	0.909	6.16	6.5	7.87	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.021	0.171	0.794	0.009	0.063	0.252	0.01	0.013	0.316	0.715
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	29.	28.836	34.	23.	11.545	3.398	23.48	26.	31.9	33.76

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	24.	24.182	33.	15.	25.564	5.056	16.	20.	28.	32.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.03	0.038	0.06	0.03	0.	0.014	0.03	0.03	0.06	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.37	0.385	0.53	0.27	0.008	0.087	0.274	0.32	0.45	0.526
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.05	0.065	0.13	0.015	0.001	0.038	0.018	0.03	0.1	0.126
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11	0.11	0.105	0.16	0.05	0.001	0.031	0.05	0.1	0.12	0.152
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	16057.5	14716.167	19119.	0.	26452273.242	5143.177	3673.8	12996.	18062.75	18894.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.07	0.059	0.1	0.03	0.001	0.025	0.03	0.03	0.08	0.096
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	1.9	2.455	7.2	0.	7.617	2.76	0.	0.	5.5	6.9

** - 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 1994 - Station TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	24.2	23.19	28.1	12.5	25.554	5.055	12.97	20.95	27.15	28.02
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	1.785	1.575	2.13	0.76	0.257	0.507	0.775	0.97	2.	2.123
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	42694.5	41287.7	46596.	32909.	21366432.456	4622.384	33125.4	37604.25	44988.5	46462.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	6.45	6.58	8.	5.3	1.066	1.033	5.33	5.6	7.625	7.97
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.955	7.94	8.39	7.58	0.055	0.235	7.594	7.743	8.067	8.366
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.952	7.886	8.39	7.58	0.058	0.242	7.594	7.743	8.067	8.366
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.011	0.013	0.026	0.004	0.	0.007	0.004	0.009	0.018	0.026
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	27.5	26.53	30.3	20.6	10.805	3.287	20.75	23.9	29.175	30.21
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	30.	28.2	43.	0.	147.733	12.155	2.	23.75	35.25	42.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.015	0.023	0.06	0.	0.	0.016	0.002	0.015	0.03	0.057
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	0.3	0.288	0.4	0.15	0.006	0.077	0.15	0.225	0.34	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.03	0.057	0.15	0.01	0.003	0.051	0.01	0.02	0.105	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.09	0.087	0.11	0.05	0.	0.02	0.05	0.07	0.1	0.11
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	15120.	12677.909	17869.	0.	41597204.091	6449.589	0.	12371.	16620.	17744.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.03	0.037	0.1	0.	0.001	0.028	0.002	0.015	0.053	0.096
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	3.7	4.12	7.9	2.1	3.404	1.845	2.12	2.525	5.	7.76

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	24.3	23.09	31.	13.5	46.708	6.834	13.7	15.8	29.35	31.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	60.	55.	80.	0.	555.556	23.57	3.5	46.25	71.25	79.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	1.21	1.277	2.55	0.61	0.322	0.568	0.619	0.835	1.565	2.465
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	40932.	37596.4	47647.	19175.	101565331.822	10077.963	19922.9	27223.25	46070.25	47618.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.3	7.11	8.8	5.7	1.308	1.144	5.72	5.975	8.05	8.74
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.87	7.864	7.93	7.79	0.003	0.056	7.791	7.8	7.922	7.93
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.87	7.861	7.93	7.79	0.003	0.056	7.791	7.8	7.922	7.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.013	0.014	0.016	0.012	0.	0.002	0.012	0.012	0.016	0.016
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	26.25	24.	31.1	11.4	49.256	7.018	11.89	16.675	29.925	31.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	21.	23.	42.	0.	165.	12.845	1.6	16.	33.	41.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.565	0.655	1.15	0.33	0.068	0.26	0.343	0.468	0.862	1.134
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.055	0.075	0.2	0.01	0.005	0.071	0.01	0.018	0.138	0.199
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10 ##	0.075	0.077	0.1	0.07	0.	0.01	0.07	0.07	0.079	0.099
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	13996.	12484.818	17870.	0.	32235327.964	5677.616	1274.6	8872.	17495.	17844.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10 ##	0.023	0.029	0.05	0.015	0.	0.015	0.015	0.015	0.043	0.05
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	4.15	4.83	11.	1.4	7.305	2.703	1.54	3.25	6.	10.65

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

Annual Analysis for 1996 - Station TIMU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	8	20.35	20.525	28.5	11.7	47.911	6.922	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	7	30.	40.286	85.	2.	965.571	31.074	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	8	1.28	1.3	2.02	0.68	0.161	0.402	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	8	42748.5	40305.875	49101.	31257.	50330167.554	7094.376	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	8	7.2	7.2	8.8	5.2	1.694	1.302	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	8	7.75	7.709	8.07	7.17	0.073	0.271	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	8	7.746	7.624	8.07	7.17	0.082	0.286	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	8	0.018	0.024	0.068	0.009	0.	0.019	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	8	27.5	25.838	32.2	19.4	25.668	5.066	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	8	24.5	25.375	45.	13.	110.554	10.514	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	8	0.045	0.059	0.19	0.005	0.004	0.064	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	8	0.745	0.713	0.83	0.43	0.017	0.13	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	8	0.05	0.078	0.15	0.01	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	8	0.065	0.053	0.1	0.	0.002	0.039	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	8	16182.5	14776.75	18119.	10622.	8390099.357	2896.567	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	8	## 0.005	0.013	0.06	0.005	0.	0.019	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	8	6.15	5.75	8.5	2.3	5.331	2.309	**	**	**	**

** - 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

Station Inventory for Station: TIMU0015

NPS Station ID: TIMU0015 LAT/LON: 30.369726/ -81.406116 Agency: 112WRD Date Created: 11/18/75
Location: 09E BORROW PIT 3 AT JACKSONVILLE BEACH FLA FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302211081242200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080103066100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	1	920.	920.	920.	920.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/70-06/17/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	1	21.	21.	21.	21.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0015

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0016

NPS Station ID: TIMU0016 LAT/LON: 30.366948/ -81.406670 Agency: 112WRD Date Created: 08/30/76
Location: 09F BORROW PIT LAKE NE DIKED AREA JAX BEAC FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302201081242400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080201001 RF1 Mile Point: 8.860 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03080103066100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	1	680.	680.	680.	680.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/70-06/17/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0016

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0017

NPS Station ID: TIMU0017 LAT/LON: 30.367781/ -81.406670 Agency: 112WRD Date Created: 08/30/76
Location: 09F BORROW PIT 2 AT JACKSONVILLE BEACH FLA FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302204081242400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080201001 RF1 Mile Point: 8.860 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03080103066100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/70-06/17/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	302.	302.	302.	302.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	1	368.	368.	368.	368.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	352.	352.	352.	352.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0017

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0018

NPS Station ID: TIMU0018 LAT/LON: 30.366670/ -81.407226 Agency: 112WRD Date Created: 08/30/76
Location: 09F BORROW PIT LAKE SE AT JACKSONVILLE BEA FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302200081242600
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080201001 RF1 Mile Point: 8.860 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03080103008900.06 RF3 Mile Point: 0.06 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	1	3220.	3220.	3220.	3220.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/70-06/17/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	537.	537.	537.	537.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	1	303.	303.	303.	303.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	1	820.	820.	820.	820.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	1	113.	113.	113.	113.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0018

Parameter				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0019

NPS Station ID: TIMU0019 LAT/LON: 30.369448/ -81.408338 Agency: 112WRD Date Created: 08/30/76
Location: 09F BORROW PIT 4 AT JACKSONVILLE BEACH FLA FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302210081243000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080201001 RF1 Mile Point: 8.760 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03080103066100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/70-06/17/70	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	251.	251.	251.	251.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	1	306.	306.	306.	306.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	301.	301.	301.	301.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	1	48.	48.	48.	48.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0019

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0020

NPS Station ID: TIMU0020 LAT/LON: 30.366670/ -81.408338 Agency: 112WRD Date Created: 11/18/75
Location: 09F BORROW PIT LAKE SW AT JACKSONVILLE BEA FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302200081243000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080201 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080201001 RF1 Mile Point: 8.860 Distance from RF1: 18.70 On/Off RF1: OFF
RF3 Index: 03080103259500.00 RF3 Mile Point: 0.52 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/70-06/17/70	1	3110.	3110.	3110.	3110.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/70-06/17/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/70-06/17/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	233.	233.	233.	233.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/70-06/17/70	1	284.	284.	284.	284.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/70-06/17/70	1	534.	534.	534.	534.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/70-06/17/70	1	301.	301.	301.	301.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/70-06/17/70	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/70-06/17/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/70-06/17/70	1	820.	820.	820.	820.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/70-06/17/70	1	120.	120.	120.	120.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0020

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0021

NPS Station ID: TIMU0021
LAT/LON: 30.370837/ -81.408615
Agency: 112WRD
Date Created: 04/14/78
Location: DS-0263
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302215081243103
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080201
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080201001
RF1 Mile Point: 8.650
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103266700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046 IRON, DISSOLVED (UG/L AS FE)	10/01/76-10/01/76	1	340.	340.	340.	340.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0022

NPS Station ID: TIMU0022
LAT/LON: 30.370837/ -81.408615
Agency: 112WRD
Date Created: 04/14/78
Location: DS-0257
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302215081243102
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080201
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080201001
RF1 Mile Point: 8.650
Distance from RF1: 0.60
On/Off RF1: OFF
RF3 Index: 03080103343700.11
RF3 Mile Point: 0.10
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/03/77-05/03/77	1	4.23	4.23	4.23	4.23	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/03/77-05/03/77	1	58.77	58.77	58.77	58.77	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0023

NPS Station ID: TIMU0023
LAT/LON: 30.370004/ -81.411948
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: SHERMAN CREEK AT WONDERWOOD DRIVE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SC3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0023

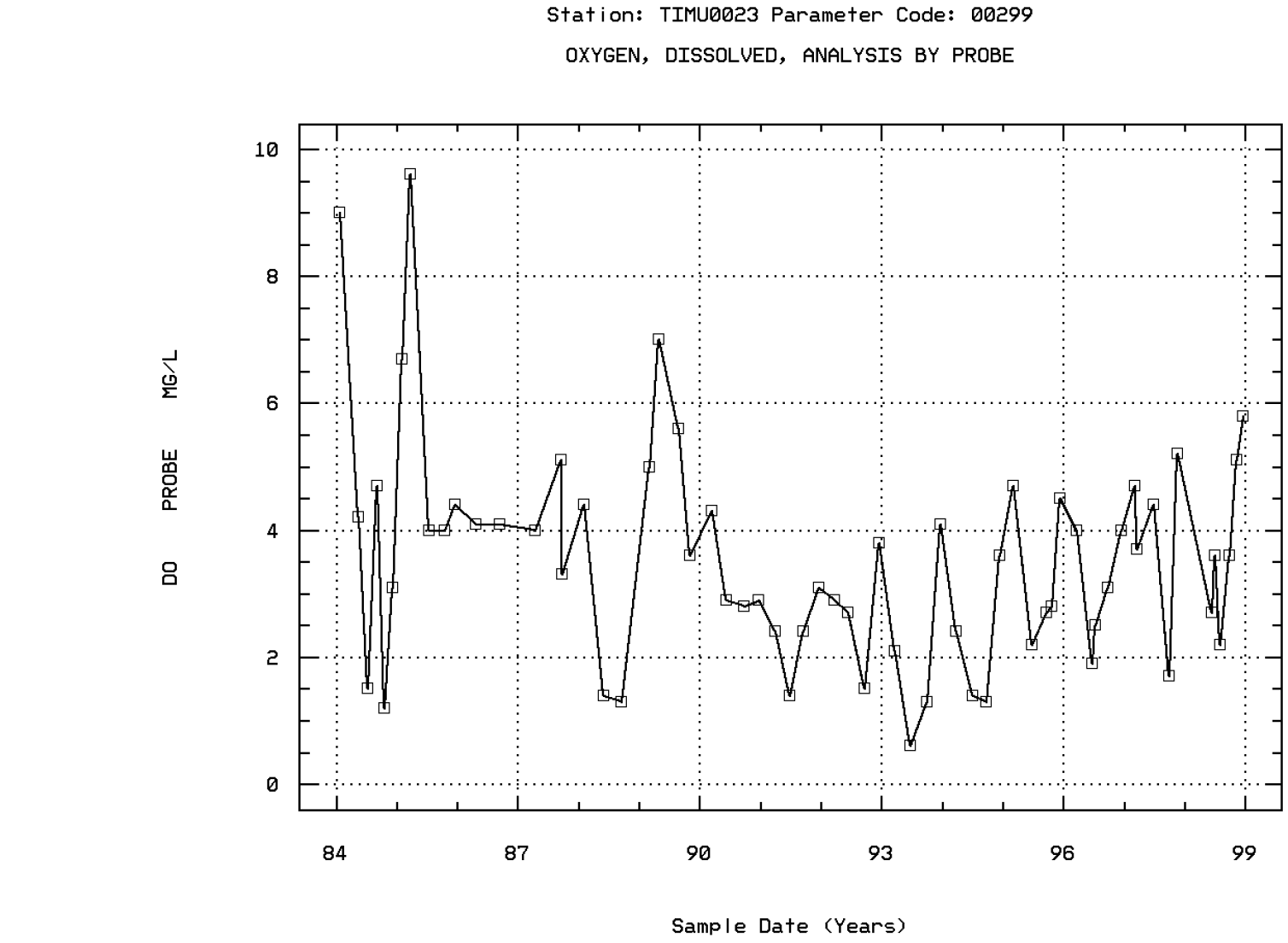
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	86	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	63	23.6	22.179	29.9	9.2	29.349	5.417	13.74	18.4	26.7	28.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/06/95-12/15/98	21	3174.	8295.095	35809.	820.	108763085.09	10428.954	823.6	1047.	11725.	28382.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	64	3.6	3.536	9.6	0.6	3.031	1.741	1.4	2.4	4.4	5.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/06/95-12/15/98	21	39.6	41.662	63.2	22.2	155.921	12.487	25.62	32.	52.5	62.08
00400p	PH (STANDARD UNITS)	01/23/84-12/15/98	63	7.2	7.19	8.1	6.	0.204	0.451	6.5	7.	7.5	7.76
00400p	CONVERTED PH (STANDARD UNITS)	01/23/84-12/15/98	63	7.2	6.944	8.1	6.	0.266	0.515	6.5	7.	7.5	7.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-12/15/98	63	0.063	0.114	1.	0.008	0.024	0.155	0.017	0.032	0.1	0.316
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/06/95-10/18/95	4	960.5	1379.5	2805.	792.	921324.333	959.856	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/27/89-12/15/98	36	4.	6.722	32.	0.	63.463	7.966	0.	1.25	9.5	20.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/95-03/04/97	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/18/95-03/04/97	3	1.38	1.417	1.58	1.29	0.022	0.148	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/95-03/04/97	3	0.22	0.237	0.27	0.22	0.001	0.029	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/95-03/04/97	3	1.34	1.357	1.46	1.27	0.009	0.096	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/18/95-03/04/97	3	0.04	0.06	0.12	0.02	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/95-03/04/97	3	1.13	1.103	1.32	0.86	0.053	0.231	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/18/95-03/04/97	3	305.	325.667	382.	290.	2436.333	49.359	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/18/95-03/04/97	3	132.	233.	460.	107.	38803.	196.985	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	22	14500.	23809.091	160000.	2400.	1285491341.991	35853.749	2580.	5000.	30000.	72000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/90-05/08/95	22	4.159	4.088	5.204	3.38	0.244	0.494	3.409	3.699	4.477	4.811
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12246.572								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	25	1700.	4197.04	24000.	4.	39169661.707	6258.567	308.8	950.	5000.	16600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	25	3.23	3.203	4.38	0.602	0.648	0.805	2.156	2.972	3.699	4.205
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1594.203								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/95-10/18/95	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/18/95-03/04/97	3	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/95-03/04/97	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**

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

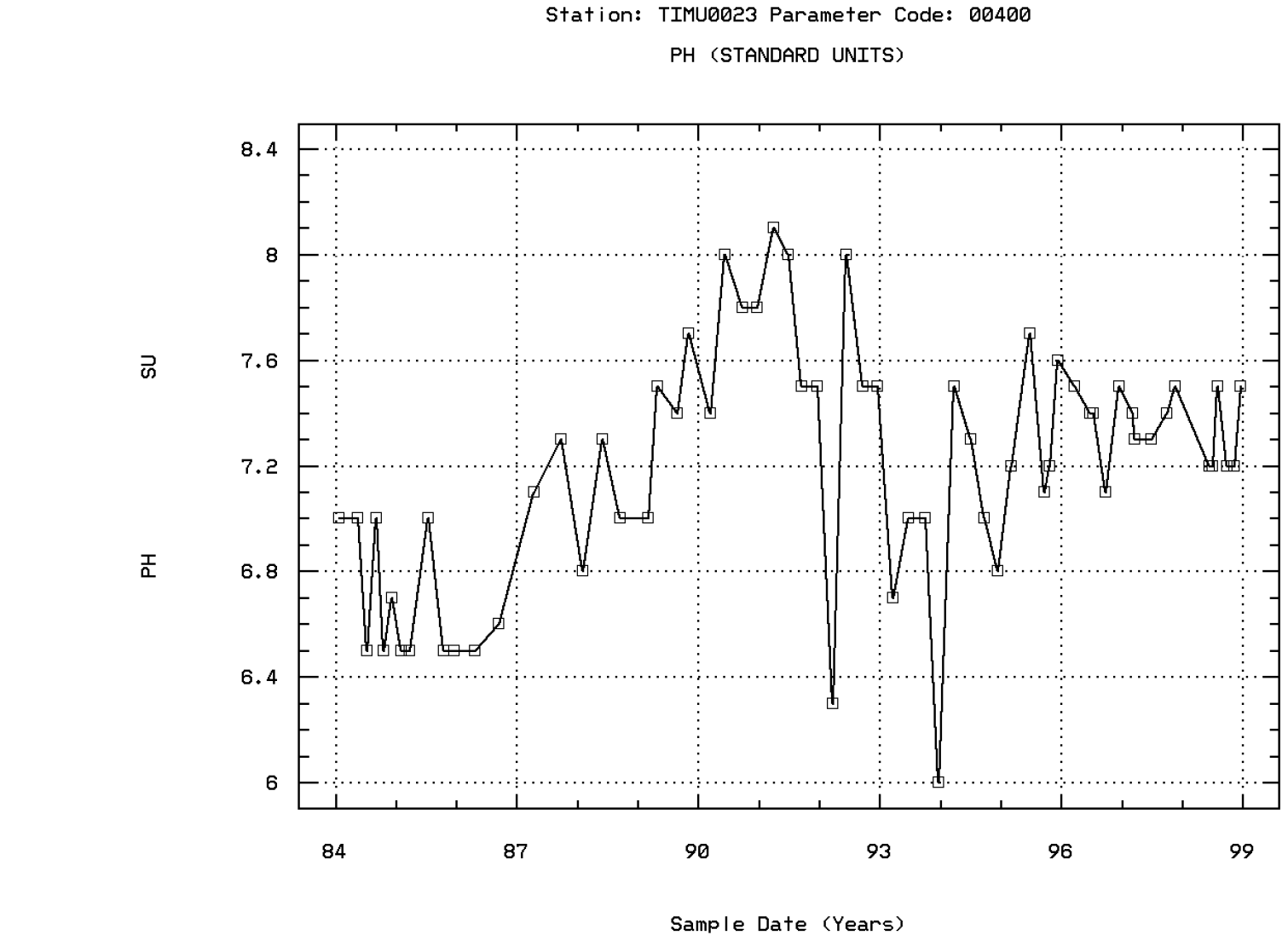
EPA Water Quality Criteria Analysis for Station: TIMU0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	42	0.66	38	29	0.76	26	13	0.50						
00400	PH	Fresh Chronic	9.	63	0	0.00	37	0	0.00	26	0	0.00						
		Other-Lo Lim.	6.5	63	9	0.14	37	4	0.11	26	5	0.19						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	1	0.33	2	0	0.00	1	1	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	22	1.00	15	15	1.00	7	7	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	23	0.92	18	17	0.94	7	6	0.86						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00	1	0	0.00						

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



SHERMAN CREEK AT WONDERWOOD DRIVE



SHERMAN CREEK AT WONDERWOOD DRIVE

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	53	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	37	26.4	25.738	29.9	15.5	8.433	2.904	22.34	24.55	27.55	28.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	38	2.75	2.945	7.	0.6	2.118	1.455	1.3	1.5	4.025	5.1
00400	PH (STANDARD UNITS)	01/23/84-12/15/98	37	7.2	7.238	8.	6.5	0.164	0.405	6.5	7.	7.5	7.84
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-12/15/98	37	7.2	7.055	8.	6.5	0.199	0.446	6.5	7.	7.5	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-12/15/98	37	0.063	0.088	0.316	0.01	0.008	0.091	0.015	0.032	0.1	0.316
00480	SALINITY - PARTS PER THOUSAND	04/27/89-12/15/98	24	4.5	7.833	32.	0.	84.406	9.187	0.	1.25	12.25	25.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	18	2000.	4829.	24000.	22.	51877890.941	7202.631	722.2	1100.	3500.	22200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	18	3.296	3.307	4.38	1.342	0.442	0.665	2.747	3.041	3.533	4.346
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2029.269								

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	33	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	26	16.75	17.115	24.6	9.2	15.232	3.903	12.	13.95	20.85	21.59
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	26	4.05	4.4	9.6	2.1	3.195	1.788	2.4	3.1	4.775	7.39
00400	PH (STANDARD UNITS)	01/23/84-12/15/98	26	7.25	7.123	8.1	6.	0.261	0.511	6.44	6.7	7.5	7.66
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-12/15/98	26	7.247	6.823	8.1	6.	0.355	0.596	6.44	6.7	7.5	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-12/15/98	26	0.057	0.15	1.	0.008	0.045	0.213	0.022	0.032	0.2	0.372
00480	SALINITY - PARTS PER THOUSAND	04/27/89-12/15/98	12	3.	4.5	13.	0.	17.364	4.167	0.3	1.25	7.25	12.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	7	1700.	2572.	5000.	4.	5412288.	2326.432	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/09/98	7	3.23	2.933	3.699	0.602	1.223	1.106	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			857.173								

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

Station Inventory for Station: TIMU0024

NPS Station ID: TIMU0024
LAT/LON: 30.383337/ -81.416671
Agency: 1113S050
Date Created: / /
Location: ST JOHNS R NAV MARKER 11 MAYPORT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111015
RMI-Indexes: 0320500
Within Park Boundary: No
RMI-Miles: 0001.80
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 1.700
Distance from RF1: 4.40
On/Off RF1: ON
RF3 Index: 03070205000714.17
RF3 Mile Point: 14.17
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	15	14.	14.333	17.	11.	2.238	1.496	11.6	14.	15.	16.4
00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	8	22.5	24.688	70.	2.5	570.424	23.884	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	15	39000.	38753.333	50000.	16400.	90648380.952	9520.944	21560.	32300.	47000.	49280.
00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	14	7.7	7.636	8.8	6.3	0.492	0.701	6.4	7.175	8.075	8.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	14	91.25	87.364	97.5	66.5	82.519	9.084	71.3	78.975	94.1	96.
00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	0.8	0.827	1.9	0.	0.262	0.512	0.18	0.5	1.	1.78
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	1.6	1.627	3.6	0.1	0.886	0.941	0.28	1.	2.1	3.18
00400	PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.8	7.767	8.	7.4	0.024	0.154	7.52	7.7	7.9	7.94
00400	CONVERTED PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.8	7.739	8.	7.4	0.025	0.157	7.52	7.7	7.9	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/67-03/27/67	15	0.016	0.018	0.04	0.01	0.	0.007	0.012	0.013	0.02	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	15	110.	105.6	119.	79.	133.971	11.575	85.	96.	114.	118.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	15	16400.	15130.	19800.	5700.	14450642.857	3801.4	7890.	12800.	18000.	18900.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	14	330.	2141.429	24000.	70.	39899797.802	6316.629	75.	192.5	565.	13150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/03/67-03/27/67	14	2.519	2.594	4.38	1.845	0.43	0.655	1.874	2.247	2.742	3.871
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			392.384								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	155.	245.714	1300.	20.	110210.989	331.98	20.	65.	255.	895.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	2.132	2.116	3.114	1.301	0.265	0.514	1.301	1.809	2.401	2.902
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.638								

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

EPA Water Quality Criteria Analysis for Station: TIMU0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00				14	0	0.00						
00400	PH	Fresh Chronic	9.	15	0	0.00				15	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00				15	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	15	1.00				15	15	1.00						
		Drinking Water	250.	15	15	1.00				15	15	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	2	0.14				14	2	0.14						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	7	0.50				14	7	0.50						

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

Station Inventory for Station: TIMU0025

NPS Station ID: TIMU0025
LAT/LON: 30.383337/ -81.416671
Agency: 1113S050
Date Created: / /
Location: ST JOHNS R NAV MARKER 24-MILE PT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111025
RMI-Indexes: 0320500
Within Park Boundary: No
RMI-Miles: 0005.10
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 1.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103255200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	15	15.	15.	18.	12.	2.857	1.69	12.	14.	16.	17.4
00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	8	37.5	31.563	70.	2.5	519.531	22.793	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	15	30300.	32013.333	49700.	7400.	137631238.095	11731.634	13340.	25500.	41700.	48680.
00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	15	7.6	7.647	8.8	5.8	0.497	0.705	6.52	7.5	8.3	8.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	15	90.3	86.447	95.5	63.2	85.736	9.259	68.54	81.1	93.3	95.02
00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	0.6	0.573	1.	0.	0.105	0.324	0.	0.4	0.8	1.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	1.2	1.293	1.9	0.5	0.191	0.437	0.56	1.	1.8	1.84
00400	PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.7	7.707	7.9	7.3	0.031	0.175	7.42	7.6	7.9	7.9
00400	CONVERTED PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.7	7.671	7.9	7.3	0.032	0.179	7.42	7.6	7.9	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/67-03/27/67	15	0.02	0.021	0.05	0.013	0.	0.01	0.013	0.013	0.025	0.039
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	15	95.	97.067	116.	68.	192.781	13.885	77.	88.	113.	116.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	15	12000.	12703.333	19250.	2500.	21579095.238	4645.33	5770.	9900.	16700.	18800.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	14	475.	1272.857	7900.	20.	4386114.286	2094.305	35.	147.5	1300.	5600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/03/67-03/27/67	14	2.676	2.656	3.898	1.301	0.501	0.708	1.5	2.149	3.114	3.708
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			452.534								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	80.	151.429	790.	10.	40920.879	202.289	10.	50.	170.	560.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	1.903	1.915	2.898	1.	0.265	0.515	1.	1.699	2.23	2.708
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			82.316								

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

EPA Water Quality Criteria Analysis for Station: TIMU0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00				15	0	0.00						
00400	PH	Fresh Chronic	9.	15	0	0.00				15	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00				15	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	15	1.00				15	15	1.00						
		Drinking Water	250.	15	15	1.00				15	15	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	5	0.36				14	5	0.36						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	2	0.14				14	2	0.14						

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

Station Inventory for Station: TIMU0026

NPS Station ID: TIMU0026
LAT/LON: 30.419753/ -81.418254
Agency: 21FLA
Date Created: 07/18/78
Location: FT GEO R AT TOLL BRIDGE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030494
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 12.950
Distance from RF1: 12.50
On/Off RF1: OFF
RF3 Index: 03080103282900.00
RF3 Mile Point: 3.78
Distance from RF3: 0.19
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, FT GEORGE FT GEORGE RIVER AT TOLL BRIDGE A1A AND SR 105 FT GEORGE ISLAND SURVEY STA #4

Parameter Inventory for Station: TIMU0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	6	7.	6.667	8.	5.	1.067	1.033	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	6	23.9	23.983	25.3	22.8	1.174	1.083	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	14.45	14.05	16.7	10.5	4.439	2.107	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	6	2.75	2.65	3.6	1.5	0.499	0.706	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	6	1.65	1.8	2.9	1.37	0.321	0.567	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	6	7.5	6.667	10.	0.	16.667	4.082	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	6	49250.	49283.333	50500.	48200.	781666.667	884.119	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	6	5.85	5.783	6.1	5.3	0.074	0.271	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	6	1.2	1.183	1.7	0.7	0.186	0.431	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/77-05/19/77	4	7.5	7.475	7.7	7.2	0.042	0.206	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-05/19/77	4	7.5	7.437	7.7	7.2	0.044	0.211	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-05/19/77	4	0.032	0.037	0.063	0.02	0.	0.019	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	6	7.8	7.867	8.1	7.7	0.023	0.151	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	6	7.8	7.846	8.1	7.7	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	6	0.016	0.014	0.02	0.008	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	6	0.03	0.033	0.08	0.003	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	6	0.25	2.486	13.4	0.085	28.636	5.351	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	6	0.025	0.028	0.05	0.02	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	6	19695.	19676.667	20100.	18960.	183706.667	428.61	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	5 ##	1.	1.4	2.	1.	0.3	0.548	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	5 ##	0.	0.12	0.301	0.	0.027	0.165	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.32								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5 ##	1.	1.4	2.	1.	0.3	0.548	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5 ##	0.	0.12	0.301	0.	0.027	0.165	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.32								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Marine Chronic	8.5	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	5	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	5	0	0.00									

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

Station Inventory for Station: TIMU0027

NPS Station ID: TIMU0027
LAT/LON: 30.421949/ -81.421116
Agency: 21FLWQA
Date Created: 07/18/87
Location: FT. GEORGE RIVER CONFL W/ HAULOVER CR 04/X2 FF4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF10080 /SJWMD30
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205071800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0028

NPS Station ID: TIMU0028 LAT/LON: 30.439615/ -81.421199 Agency: 11NPSWRD Date Created: 10/24/98
Location: MOUTH SIMPSON CK AT CONFLUENCE WITH FT GEORGE R FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG03
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 03 WAS AT THE MOUTH OF SIMPSON CREEK AT THE CONFLUENCE WITH THE FORT GEORGE RIVER INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	7	0.	3.429	15.	0.	30.619	5.533	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	11	19.	20.	30.	10.2	44.738	6.689	10.3	18.	28.7	29.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	10	38750.	32510.	44500.	1000.	281765444.444	16785.87	1060.	27025.	43125.	44400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	11	8.7	8.855	10.3	7.3	1.005	1.002	7.4	7.8	9.6	10.3
00406	PH, FIELD, STANDARD UNITS SU	11/13/84-12/10/86	7	7.3	7.129	8.	6.	0.372	0.61	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/13/84-12/10/86	7	7.3	6.706	8.	6.	0.58	0.762	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.05	0.197	1.	0.01	0.127	0.356	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7 ##	0.007	0.015	0.066	0.007	0.	0.022	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7 ##	0.01	0.041	0.2	0.005	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/86-01/15/86	1	21500.	21500.	21500.	21500.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	180.	259.786	889.	47.5	83860.155	289.586	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	6 ##	14.5	18.	40.	8.5	136.1	11.666	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	1.	1.336	3.	0.35	1.356	1.164	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7 ##	4.	12.643	64.	2.	515.393	22.702	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/06/85-12/10/86	4 ##	4.5	4.75	9.	1.	18.917	4.349	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	25.	30.357	79.	0.5	702.56	26.506	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	6	26.5	171.083	920.	1.5	134936.842	367.338	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	6	1.41	1.354	2.964	0.176	0.978	0.989	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.618								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7	10.	143.5	920.	1.	117527.917	342.823	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7	1.	1.087	2.964	0.	1.054	1.027	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.215								

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

Parameter Inventory for Station: TIMU0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	6	4.9	5.767	8.6	3.7	4.943	2.223	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0028

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	6	0	0.00	5	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	6	0	0.00	3	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	6	0.86	4	3	0.75	3	3	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	3	0	0.00	3	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	1	0.14	4	1	0.25	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0029

NPS Station ID: TIMU0029
LAT/LON: 30.441115/ -81.421949
Agency: 21FLWQA
Date Created: 07/18/87
Location: SIMPSON CREEK JUST INSIDE 04/X2 FG3
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10120 /SJWMD17
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 2.470
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205000710.05
RF3 Mile Point: 10.22
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0030

NPS Station ID: TIMU0030
LAT/LON: 30.422476/ -81.422588
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NORTH ARM OF HAULOVER CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_ESEC_4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4 WAS AT HAULOVER CREEK AT THE NORTHERN ARM WEST OF THE FORT GEORGE RIVER INSIDE OF TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE RIVER WAS SAMPLED BY THE ENVIRONMENTAL SCIENCE AND ENGINEERING COMPANY AS PART OF THE FORT GEORGE ISLAND PROJECT. DATA WERE PUBLISHED IN MISCELLANEOUS DATA SHEETS AND A FIELD TRIP REPORT OF DECEMBER 12 THROUGH DECEMBER 17 OF 1983. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-12/13/83	4	8.2	9.875	17.	6.1	25.043	5.004	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-12/13/83	4	23.	23.	29.	17.	24.	4.899	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-12/13/83	4	25.5	29.25	52.	14.	259.583	16.112	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/27/83-12/13/83	3 ##	2.5	2.333	2.5	2.	0.083	0.289	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-12/13/83	4	0.015	0.021	0.05	0.005	0.	0.02	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-12/13/83	4	0.565	0.61	0.86	0.45	0.034	0.186	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-12/13/83	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-12/13/83	4	0.054	0.067	0.111	0.048	0.001	0.03	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-12/13/83	4	0.021	0.022	0.03	0.017	0.	0.006	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/26/83-10/27/83	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/83-10/27/83	2	18500.	18500.	18500.	18500.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/83-10/27/83	2	1.355	1.355	1.39	1.32	0.002	0.049	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/26/83-10/27/83	2 ##	24.	24.	24.	24.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-12/13/83	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-12/13/83	4 ##	5.5	6.5	10.	5.	5.667	2.38	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-12/13/83	4 ##	2.75	2.75	3.	2.5	0.083	0.289	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/26/83-12/13/83	4	619.5	787.5	1560.	351.	283083.	532.055	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-12/13/83	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/26/83-10/27/83	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/26/83-10/27/83	2 ##	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/26/83-10/27/83	2 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-12/13/83	4	9.5	8.625	13.	2.5	23.563	4.854	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	10/26/83-10/27/83	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/26/83-10/27/83	2	383.5	383.5	496.	271.	25312.5	159.099	**	**	**	**

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

Parameter Inventory for Station: TIMU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	10/26/83-10/27/83	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	10/26/83-10/27/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	10/26/83-10/27/83	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	10/26/83-10/27/83	2 ##	1.65	1.65	2.8	0.5	2.645	1.626	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	4	127.5	1217.5	4600.	15.	5096275.	2257.493	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	4	1.778	2.099	3.663	1.176	1.409	1.187	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			125.542								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	4	112.5	171.35	460.	0.4	46160.623	214.85	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	4	1.749	1.441	2.663	-0.398	1.907	1.381	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			27.592								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/26/83-10/27/83	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/26/83-12/13/83	4 ##	0.003	0.003	0.005	0.002	0.	0.002	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	4 ##	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	4 ##	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-12/13/83	4 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-12/13/83	4 ##	0.15	0.175	0.3	0.1	0.009	0.096	**	**	**	**
78216	ALDRIN + DIELDRIN TOTWUG/L	10/26/83-12/13/83	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00	2	0	0.00						
00720	CYANIDE, TOTAL	Marine Acute	0.001	0 &	0	0.00												
01002	ARSENIC, TOTAL	Marine Acute	69.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	2 &	0	0.00				2	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Marine Acute	0.12	0 &	0	0.00												
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	2	0	0.00	2	0	0.00						
01097	ANTIMONY, TOTAL	Marine Acute	1500.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Marine Acute	300.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	1	0.25	2	0	0.00	2	1	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	2	0.50	2	0	0.00	2	2	1.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	4	0	0.00	2	0	0.00	2	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	4	0	0.00	2	0	0.00	2	0	0.00						
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	4	0	0.00	2	0	0.00	2	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	4	0	0.00	2	0	0.00	2	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	2	0	0.00						
39782	LINDANE IN WHOLE WATER SAMPLE	Marine Acute	0.16	4	0	0.00	2	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Marine Acute	2.1	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 Inventory for Station: TIMU0031

NPS Station ID: TIMU0031
LAT/LON: 30.428337/ -81.423059
Agency: 21FLWQA
Date Created: 07/18/87
Location: FT.GEORGE R.MOUTH/CLUBHSE MARINA BASN 04/X2 FF3
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF10060 /SJWMD27
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205000710.05
RF3 Mile Point: 10.37
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0032

NPS Station ID: TIMU0032
LAT/LON: 30.428754/ -81.423087
Agency: 11NPSWRD
Date Created: 08/29/98
Location: FORT GEORGE RIVER AT MARINA INLET
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_ESEC_3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 3 WAS AT FORT GEORGE RIVER AT THE COUNTRY CLUB MARINA INLET ON FORT GEORGE ISLAND INSIDE OF TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE RIVER WAS SAMPLED BY THE ENVIRONMENTAL SCIENCE AND ENGINEERING COMPANY AS PART OF THE FORT GEORGE ISLAND PROJECT. DATA WERE PUBLISHED IN MISCELLANEOUS DATA SHEETS AND A FIELD TRIP REPORT OF DECEMBER 12 THROUGH DECEMBER 17 OF 1983. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-12/13/83	4	2.65	3.025	4.7	2.1	1.329	1.153	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-12/13/83	4	23.	22.75	29.	16.	30.917	5.56	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-12/13/83	4	9.	10.	17.	5.	31.333	5.598	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/26/83-12/13/83	4 ##	2.25	2.25	2.5	2.	0.083	0.289	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-12/13/83	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-12/13/83	4	0.4	0.478	0.78	0.33	0.042	0.205	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-12/13/83	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-12/13/83	4	0.047	0.048	0.054	0.044	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-12/13/83	4	0.023	0.024	0.034	0.017	0.	0.008	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/26/83-10/27/83	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/83-10/27/83	2	18000.	18000.	18500.	17500.	500000.	707.107	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/83-10/27/83	2	1.41	1.41	1.41	1.41	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/26/83-10/27/83	2 ##	24.	24.	24.	24.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-12/13/83	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-12/13/83	4 ##	5.	4.25	5.	2.	2.25	1.5	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-12/13/83	4 ##	2.75	2.75	3.	2.5	0.083	0.289	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/26/83-12/13/83	4	165.	181.	297.	97.	7062.	84.036	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-12/13/83	4 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/26/83-10/27/83	2	8.	8.	8.	8.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/26/83-10/27/83	2 ##	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/26/83-10/27/83	2 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-12/13/83	4 ##	5.75	9.5	24.	2.5	102.833	10.141	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	10/26/83-10/27/83	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/26/83-10/27/83	2	170.5	170.5	188.	153.	612.5	24.749	**	**	**	**

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

Parameter Inventory for Station: TIMU0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	10/26/83-10/27/83	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	10/26/83-10/27/83	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
09501	RADIUM 226, TOTAL	10/26/83-10/27/83	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	10/26/83-10/27/83	2	1.95	1.95	2.	1.9	0.005	0.071	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	4	33.	32.5	43.	21.	147.667	12.152	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	4	1.498	1.488	1.633	1.322	0.029	0.169	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			30.741								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	4	22.	25.5	43.	15.	147.667	12.152	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	4	1.342	1.373	1.633	1.176	0.036	0.191	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			23.625								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/26/83-10/27/83	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/27/83-10/27/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	10/27/83-10/27/83	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/27/83-10/27/83	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-12/13/83	4 ##	0.2	0.25	0.5	0.1	0.037	0.191	**	**	**	**
78216	ALDRIN + DIELDRIN TOTWUG/L	10/27/83-10/27/83	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00	2	0	0.00						
00720	CYANIDE, TOTAL	Marine Acute	0.001	0 &	0	0.00												
01002	ARSENIC, TOTAL	Marine Acute	69.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	2 &	0	0.00				2	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Marine Acute	0.12	0 &	0	0.00												
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	2	0	0.00	2	0	0.00						
01097	ANTIMONY, TOTAL	Marine Acute	1500.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Marine Acute	300.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	0	0.00	2	0	0.00	2	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	2	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	0	0.00	1	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Marine Acute	0.16	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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 Inventory for Station: TIMU0033

NPS Station ID: TIMU0033 | LAT/LON: 30.428365/ -81.423003 | Agency: 21FLA | Date Created: 04/05/80
Location: FT GEORGE RIVER STATION #5 | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030495
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 7 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03070205007 | RF1 Mile Point: 12.210 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 03080103354400.11 | RF3 Mile Point: 0.10 | Distance from RF3: 0.00 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, FT GEORGE FT GEORGE ISLAND STATION #5 OFFSHORE FROM SMALL NARROW BAYOU 3500 FEET NNW OF STATION #4

Parameter Inventory for Station: TIMU0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	6	3.	3.	5.	1.	2.	1.414	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	6	23.65	23.933	25.4	23.3	0.659	0.812	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	6.9	7.067	10.5	3.3	7.051	2.655	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	5	2.8	3.22	5.7	2.	2.062	1.436	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	6	1.15	1.217	1.4	1.1	0.022	0.147	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	6	7.5	10.833	30.	5.	94.167	9.704	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	6	49000.	49150.	50000.	48500.	275000.	524.404	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	6	5.85	5.667	6.	5.	0.175	0.418	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	5	1.4	1.34	1.6	0.9	0.073	0.27	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/77-05/19/77	4	7.55	7.475	7.6	7.2	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-05/19/77	4	7.547	7.441	7.6	7.2	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-05/19/77	4	0.028	0.036	0.063	0.025	0.	0.018	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	5	8.	7.9	8.1	7.6	0.04	0.2	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	5	8.	7.861	8.1	7.6	0.042	0.205	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	5	0.01	0.014	0.025	0.008	0.	0.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	6	0.01	0.014	0.05	0.003	0.	0.018	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	6	0.465	1.013	3.08	0.085	1.502	1.226	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	6	0.03	0.032	0.07	0.	0.	0.022	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	6	19155.	18225.	19720.	12960.	6704470.	2589.299	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	5	5.	34.8	130.	1.	2996.2	54.738	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	5	0.699	1.006	2.114	0.	0.673	0.82	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.141								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	2.	10.2	33.	1.	186.7	13.664	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	0.301	0.647	1.519	0.	0.409	0.639	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.435								

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

EPA Water Quality Criteria Analysis for Station: TIMU0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	5	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Marine Chronic	8.5	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	5	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	5	0	0.00									

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

Station Inventory for Station: TIMU0034

NPS Station ID: TIMU0034 LAT/LON: 30.428726/ -81.423449 Agency: 11NPSWRD Date Created: 10/24/98
Location: FT GEORGE RIVER AT FT GEORGE ISLAND MARINA INLET FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG01
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 01 WAS AT THE FORT GEORGE RIVER AT THE MARINA INLET ON FORT GEORGE ISLAND INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	16	2.5	3.019	20.	0.	22.819	4.777	0.	0.075	3.	9.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-08/21/90	24	19.	21.271	32.	10.2	49.036	7.003	10.3	15.65	27.95	29.5
00064	DEPTH OF STREAM, MEAN (FT)	08/21/90-08/21/90	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-08/21/90	19	43600.	37873.684	54400.	1000.	229832046.784	15160.213	1600.	33200.	50000.	54200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-08/21/90	23	8.2	8.209	10.3	6.2	1.725	1.314	6.32	7.	9.4	10.2
00406	PH, FIELD, STANDARD UNITS SU	11/13/84-08/21/90	19	7.3	7.392	8.27	6.	0.345	0.587	6.7	7.	7.97	8.17
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/13/84-08/21/90	19	7.3	6.976	8.27	6.	0.527	0.726	6.7	7.	7.97	8.17
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-08/21/90	19	0.05	0.106	1.	0.005	0.049	0.222	0.007	0.011	0.1	0.2
00480	SALINITY - PARTS PER THOUSAND	01/24/89-08/21/90	5	33.	33.64	36.9	29.8	7.833	2.799	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-08/21/90	13	63.	59.385	76.	40.	125.423	11.199	40.	51.5	68.	73.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	20 ##	0.01	0.019	0.104	0.002	0.001	0.025	0.006	0.007	0.018	0.058
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-08/21/90	7	0.16	0.205	0.48	0.013	0.028	0.169	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-08/21/90	20 ##	0.018	0.038	0.19	0.003	0.003	0.057	0.005	0.005	0.038	0.174
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-08/21/90	13	0.071	0.089	0.19	0.014	0.002	0.048	0.028	0.054	0.123	0.169
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-08/21/90	12	6400.	6110.	8000.	2900.	2327018.182	1525.457	3026.	6100.	7125.	7850.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/21/90	14	19600.	19385.714	22500.	15200.	3481318.681	1865.829	16000.	18525.	20850.	21750.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	18	253.5	280.194	771.	47.5	30541.739	174.762	49.75	168.	372.5	545.1
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	8	4.25	197.75	790.	1.	101758.	318.995	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/07/89	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	12 ##	18.	35.208	130.	0.5	1539.203	39.233	0.65	8.75	56.	116.2

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

Parameter Inventory for Station: TIMU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	5	320.	950.8	3700.	140.	2368483.2	1538.988	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	11 ##	1.	7.395	59.	0.35	298.85	17.287	0.38	0.5	5.	48.8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	16 ##	5.	19.156	140.	0.5	1345.891	36.686	2.25	3.5	13.	91.7
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	11	10.	52.182	200.	1.	5710.964	75.571	1.	1.	105.	196.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	16	52.	80.688	300.	2.	6605.696	81.275	12.5	21.	121.5	240.5
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-08/21/90	18	20.	101.25	800.	1.	46414.419	215.44	1.45	7.75	57.5	566.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-08/21/90	18	1.301	1.333	2.903	0.	0.599	0.774	0.158	0.889	1.75	2.749
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.538								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-08/21/90	19	10.	29.711	220.	1.	2535.092	50.35	1.	4.	33.	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-08/21/90	19	1.	1.071	2.342	0.	0.4	0.632	0.	0.602	1.519	1.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.787								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	6 ##	0.25	0.248	0.5	0.04	0.029	0.17	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-08/21/90	19	3.8	4.621	9.3	2.6	3.443	1.855	2.9	3.5	6.	7.7

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

EPA Water Quality Criteria Analysis for Station: TIMU0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	23	0	0.00	13	0	0.00	10	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	19	0	0.00	10	0	0.00	9	0	0.00						
		Other-Lo Lim.	6.5	19	1	0.05	10	1	0.10	9	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	1	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	1	0	0.00	4	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	3	0.38	5	2	0.40	3	1	0.33						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1	1	1.00				1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	1	0.08	7	0	0.00	5	1	0.20						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	11	1	0.09	7	1	0.14	4	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	16	0	0.00	11	0	0.00	5	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	15 &	14	0.93	10	9	0.90	5	5	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	0	0.00	9	0	0.00	9	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	19	1	0.05	10	1	0.10	9	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	6	0	0.00	2	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	19	0	0.00	10	0	0.00	9	0	0.00						

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

Station Inventory for Station: TIMU0035

NPS Station ID: TIMU0035 LAT/LON: 30.438809/ -81.423920 Agency: 11NPSWRD Date Created: 10/10/98
Location: FT. GEORGE R AT NE CORNER OF FT. GEORGE ISLAND FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM11
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 11 WAS AT FORT GEORGE RIVER AT THE NORTHEAST CORNER OF FORT GEORGE ISLAND INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 11 PREVIOUSLY WAS LABELED FG3. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	43	3.	4.295	12.	0.7	10.36	3.219	1.	2.	5.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	25	20.7	22.664	28.6	16.1	24.577	4.957	16.72	18.75	28.3	28.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	8	22.5	23.1	30.	17.8	25.566	5.056	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	8	30.	45.5	100.	0.	1614.857	40.185	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	8	8.65	9.413	18.	3.2	28.744	5.361	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	8	1.12	1.128	1.67	0.44	0.186	0.431	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	25	47158.	42057.56	50872.	7943.	135902583.757	11657.726	17410.4	39764.5	49585.	50595.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	25	7.	7.268	9.2	5.4	1.446	1.203	5.56	6.2	8.15	8.98
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	23	97.9	98.883	109.9	81.6	76.434	8.743	83.48	91.8	106.9	109.56
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	8	1.	0.813	1.	0.5	0.067	0.259	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	25	8.01	8.006	8.23	7.74	0.024	0.156	7.75	7.885	8.15	8.208
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	25	8.01	7.978	8.23	7.74	0.025	0.159	7.75	7.885	8.15	8.208
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	25	0.01	0.011	0.018	0.006	0.	0.004	0.006	0.007	0.013	0.018
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	25	30.7	27.228	33.5	4.4	63.471	7.967	10.3	25.4	32.5	33.24
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	9	13.	14.	27.	8.	35.25	5.937	8.	9.	17.	27.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	9 ##	0.005	0.015	0.075	0.005	0.001	0.023	0.005	0.005	0.014	0.075
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	9	0.239	0.263	0.734	0.05	0.046	0.215	0.05	0.077	0.358	0.734
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	9	0.046	0.046	0.102	0.017	0.001	0.025	0.017	0.029	0.055	0.102
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	9	5451.	5231.556	7230.	829.	3273681.778	1809.332	829.	5002.5	6172.	7230.
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	8	720500.	659125.	771000.	135000.45	897553571.429	214237.143	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	9	17331.	15130.444	19447.	2202.	27882848.028	5280.421	2202.	13750.	18181.5	19447.

** - Less than 9 observations ## - 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: TIMU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	8 ##	0.5	0.75	2.	0.5	0.286	0.535	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	8	237.5	288.25	667.	141.	27965.643	167.229	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	8 ##	0.5	0.688	2.	0.5	0.281	0.53	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	7 ##	1.5	1.643	2.5	1.5	0.143	0.378	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	8 ##	2.5	3.063	7.	2.5	2.531	1.591	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	8	595.5	571.125	1040.	205.	94947.554	308.136	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	8 ##	1.5	1.75	2.5	1.5	0.214	0.463	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	8 ##	10.	15.375	39.	10.	115.125	10.73	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	8 ##	2.5	3.563	11.	2.5	9.031	3.005	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	9	0.012	0.017	0.046	0.005	0.	0.015	0.005	0.005	0.029	0.046
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	4.7	4.571	7.5	2.	4.216	2.053	**	**	**	**

** - 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: TIMU0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	25	0	0.00	20	0	0.00	5	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	25	0	0.00	20	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	25	0	0.00	20	0	0.00	5	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	8	0	0.00	6	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	8	0	0.00	6	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	0	0.00	6	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	6	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	6	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	8	0	0.00	6	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	1	0.13	6	1	0.17	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0036

NPS Station ID: TIMU0036
LAT/LON: 30.429615/ -81.424171
Agency: 11NPSWRD
Date Created: 10/24/98
Location: MARINA BAY AT FORT GEORGE ISLAND
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_BESD_FG02
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 02 WAS AT THE MARINA BAY AT FORT GEORGE ISLAND INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0036

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	8		1.5	4.125	20.	0.	47.268	6.875	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	12		18.	19.75	28.	10.	44.061	6.638	10.03	16.25	27.8	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	10		34250.	25520.	44700.	1900.	291037333.333	17059.816	2410.	7075.	39600.	44610.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	13		9.3	8.838	10.3	7.3	1.161	1.077	7.38	7.85	9.8	10.22
00406	PH, FIELD, STANDARD UNITS SU	11/13/84-12/10/86	7		7.2	7.214	7.8	6.5	0.178	0.422	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/13/84-12/10/86	7		7.2	7.032	7.8	6.5	0.217	0.466	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7		0.063	0.093	0.316	0.016	0.011	0.103	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7	##	0.007	0.017	0.078	0.007	0.001	0.027	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7		0.03	0.08	0.27	0.005	0.011	0.106	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1		19900.	19900.	19900.	19900.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7		162.	132.643	220.	47.5	5312.393	72.886	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7	##	14.	15.571	40.	1.	154.702	12.438	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7	##	1.	1.336	3.	0.35	1.356	1.164	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7	##	3.5	12.571	68.	1.	598.869	24.472	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7		2.	4.429	10.	1.	17.619	4.198	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7		23.	30.143	79.	3.	682.476	26.124	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	5		170.	252.4	540.	3.	63595.3	252.181	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	5		2.23	1.966	2.732	0.477	0.872	0.934	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =				92.433								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6		27.	108.	350.	1.	22510.4	150.035	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6		1.195	1.298	2.544	0.	1.119	1.058	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				19.881								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	6		3.4	3.05	4.4	1.	1.339	1.157	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	6	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	6 &	6	1.00	3	3	1.00	3	3	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	2	0	0.00	3	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	2	0.33	3	1	0.33	3	1	0.33						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0037

NPS Station ID: TIMU0037
LAT/LON: 30.408031/ -81.425004
Agency: 21FLA
Date Created: 04/05/80
Location: HAULOVER CR AT A1A AND SR 105
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030493
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 10
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 0.930
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205072100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, HAULOVER HAULOVER CREEK AT BUCCANEER TRAIL BRIDGE SR A1A AND SR 105 FT GEORGE ISLAND SURVEY STA #3

Parameter Inventory for Station: TIMU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	6	4.	4.667	6.	4.	1.067	1.033	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	6	30.5	29.	33.	24.5	13.1	3.619	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	9.55	10.217	12.2	9.	2.218	1.489	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	6	5.55	5.033	7.3	2.1	5.519	2.349	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	6	20.	19.167	30.	10.	44.167	6.646	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	6	46000.	46250.	49000.	45000.	2175000.	1474.788	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	6	5.15	5.183	5.5	4.9	0.054	0.232	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	5	1.	1.12	1.9	0.7	0.212	0.46	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	6	7.65	7.7	8.	7.5	0.032	0.179	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	6	7.647	7.672	8.	7.5	0.033	0.181	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	6	0.023	0.021	0.032	0.01	0.	0.008	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	6	0.055	0.047	0.1	0.	0.002	0.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	6	1.095	1.454	3.25	0.085	1.773	1.331	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	6	0.03	0.04	0.1	0.02	0.001	0.03	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	6	18170.	18150.	20100.	16000.	1731920.	1316.024	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	5	5.	12.2	33.	4.	151.7	12.317	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	5	0.699	0.933	1.519	0.602	0.152	0.39	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.569								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	5.	6.6	17.	2.	38.3	6.189	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	0.699	0.675	1.23	0.301	0.154	0.393	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.735								

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

EPA Water Quality Criteria Analysis for Station: TIMU0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	5	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	5	0	0.00									

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

Station Inventory for Station: TIMU0038

NPS Station ID: TIMU0038 | LAT/LON: 30.316781/ -81.425420 | Agency: 21FLA | Date Created: / /
Location: ICWW UPSTR NEPTUNE BCH OUTF INLE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /NTRTMT/OUTFL/LAKE/OCEAN | STORET Station ID(s): 27010006
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080103091 | RF1 Mile Point: 9.610 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103276900.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: INTRACOASTAL WATERWAY INTRACOASTAL WATERWAY UPSTREAM NEPTUNE BEACH OUTFALL INLET.

Parameter Inventory for Station: TIMU0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-11/15/71	2	23.25	23.25	27.5	19.	36.125	6.01	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-11/15/71	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/14/76	3	5.5	4.867	6.3	2.8	3.363	1.834	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-11/15/71	2	3.55	3.55	4.	3.1	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/71-11/15/71	2	7.53	7.53	7.7	7.36	0.058	0.24	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-11/15/71	2	7.498	7.498	7.7	7.36	0.06	0.245	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-11/15/71	2	0.032	0.032	0.044	0.02	0.	0.017	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-11/15/71	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-09/14/71	1	25.2	25.2	25.2	25.2	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/15/71-11/15/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-11/15/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-11/15/71	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-11/15/71	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/76-10/14/76	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/71-11/15/71	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-10/14/76	3	23.	85.667	230.	4.	15714.333	125.357	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/14/71-10/14/76	3	1.362	1.442	2.362	0.602	0.779	0.883	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.659								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-10/14/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-10/14/76	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			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: TIMU0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	2	1	0.50	1	0	0.00						
00400	PH	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						

& - 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: TIMU0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	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: TIMU0039

NPS Station ID: TIMU0039
LAT/LON: 30.408059/ -81.425837
Agency: 21FLWQA
Date Created: 07/18/87
Location: HAULOVER CREEK U.S.A1A FT. GEORGE IS.04/X3 FF6
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF33020 /SJWMD34
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205053205.12
RF3 Mile Point: 5.12
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0040

NPS Station ID: TIMU0040
LAT/LON: 30.438892/ -81.426393
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: BLUE POINT MARINA
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG0004
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 03080103009600.57
RF3 Mile Point: 0.57
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	13	19.	20.477	29.	10.2	42.514	6.52	10.2	18.	28.5	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	11	36800.	32536.364	44000.	6500.	175388545.455	13243.434	6500.	34000.	39000.	43900.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	13	8.8	8.8	10.4	7.2	1.203	1.097	7.32	7.7	9.95	10.28
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.1	6.986	7.3	6.	0.205	0.453	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.1	6.686	7.3	6.	0.31	0.556	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.079	0.206	1.	0.05	0.123	0.351	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7	0.014	0.016	0.036	0.007	0.	0.009	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7	0.02	0.047	0.22	0.01	0.006	0.077	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	180.	160.578	310.	0.045	11290.544	106.257	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7 ##	14.	15.571	40.	1.	154.702	12.438	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	1.	1.336	3.	0.35	1.356	1.164	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/06/86	6 ##	3.75	11.	47.	3.	311.5	17.649	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7 ##	2.	3.286	7.	0.5	7.655	2.767	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	25.	32.5	79.	3.5	856.417	29.265	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	6 ##	2.	280.833	1600.	1.	418609.767	647.001	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	6 ##	0.239	0.93	3.204	0.	1.782	1.335	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.508								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7 ##	3.	137.714	920.	1.	119128.238	345.15	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7 ##	0.477	0.808	2.964	0.	1.205	1.098	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.432								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-01/15/86	2	5.35	5.35	6.1	4.6	1.125	1.061	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	6	4.35	4.083	4.6	3.	0.354	0.595	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	6	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	6	0	0.00	4	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	6 &	6	1.00	3	3	1.00	3	3	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	1	0.17	3	1	0.33	3	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	1	0.14	4	1	0.25	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0041

NPS Station ID: TIMU0041
LAT/LON: 30.438892/ -81.426393
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: BLUE POINT MARINA
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0042

NPS Station ID: TIMU0042
LAT/LON: 30.438615/ -81.426670
Agency: 21FLWQA
Date Created: 07/18/87
Location: FT. GEORGE RIVER OPPOSITE SIMPSON CR 04/X2 FF2
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF10050 /SJWMD19
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 1.90
On/Off RF1: OFF
RF3 Index: 03070205013300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0043

NPS Station ID: TIMU0043
LAT/LON: 30.419170/ -81.426670
Agency: 21FLWQA
Date Created: 07/18/87
Location: HAULOVER CR.EDGEWATER DR FT.GEORGE IS 04/X2 FF5
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF10070 /SJWMD32
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205000710.05
RF3 Mile Point: 10.69
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0044

NPS Station ID: TIMU0044 | LAT/LON: 30.347115/ -81.426587 | Agency: 21FLA | Date Created: / /
Location: ICWW UPSTR ATL BCH OUTFALL INLET | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /NTRTMT/OUTFL/LAKE/OCEAN | STORET Station ID(s): 27010004
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080103091 | RF1 Mile Point: 13.090 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103009101.08 | RF3 Mile Point: 1.07 | Distance from RF3: 0.04 | On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: INTRACOASTAL WATERWAY INTRACOASTAL WATERWAY, UPSTREAM ATLANTIC BEACH OUTFALL INLET.

Parameter Inventory for Station: TIMU0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-11/15/71	2	23.5	23.5	28.	19.	40.5	6.364	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-11/15/71	2	9.	9.	12.	6.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/14/76	3	5.7	5.1	6.4	3.2	2.83	1.682	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-11/15/71	2	4.05	4.05	5.	3.1	1.805	1.344	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/71-11/15/71	2	7.65	7.65	7.8	7.5	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-11/15/71	2	7.625	7.625	7.8	7.5	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-11/15/71	2	0.024	0.024	0.032	0.016	0.	0.011	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-11/15/71	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-09/14/71	1	25.7	25.7	25.7	25.7	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/15/71-11/15/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-11/15/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-11/15/71	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-11/15/71	2	0.45	0.45	0.9	0.	0.405	0.636	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/76-10/14/76	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/71-11/15/71	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-10/14/76	3	24.	49.	100.	23.	1951.	44.17	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/14/71-10/14/76	3	1.38	1.581	2.	1.362	0.132	0.363	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.076								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-10/14/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-10/14/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								

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

EPA Water Quality Criteria Analysis for Station: TIMU0044

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	2	1	0.50	1	0	0.00						
00400	PH	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						

& - 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: TIMU0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	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: TIMU0045

NPS Station ID: TIMU0045 | LAT/LON: 30.403615/ -81.426949 | Agency: 21FLA | Date Created: 05/22/82
Location: ST JOHNS RIVER NEAR FT GEORGE CK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): 20030030 / LSJR39
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 8 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 0.810 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103009600.34 | RF3 Mile Point: 0.34 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER' RIVER, ST. JOHNS AT NAVIGATION MARKER NEAR THE MOUTHOF FORT GEORGE CREEK

Parameter Inventory for Station: TIMU0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-11/30/87	18	3.	3.611	7.	2.	3.31	1.819	2.	2.	6.	6.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-11/30/87	6	21.25	21.667	29.	13.	36.743	6.062	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	4	1.25	1.138	2.	0.05	1.026	1.013	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-11/30/87	6	7.5	7.383	10.3	5.	4.602	2.145	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-11/30/87	6	1.15	1.183	1.5	1.	0.046	0.214	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-11/30/87	6	30.	30.833	50.	5.	304.167	17.44	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-11/30/87	6	31250.	33283.333	43200.	29000.	29557666.667	5436.696	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-11/30/87	6	37400.	37750.	47500.	28800.	49451000.	7032.14	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-11/30/87	5	7.2	7.14	8.3	5.5	1.483	1.218	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/83-11/30/87	6	6.9	6.933	8.8	5.5	1.291	1.136	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-11/30/87	6	0.8	0.933	1.6	0.4	0.219	0.468	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/83-11/30/87	5	7.9	7.84	8.1	7.4	0.068	0.261	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/83-11/30/87	5	7.9	7.767	8.1	7.4	0.075	0.273	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-11/30/87	5	0.013	0.017	0.04	0.008	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/20/83-11/30/87	6	8.	8.	8.1	7.9	0.004	0.063	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-11/30/87	6	8.	7.996	8.1	7.9	0.004	0.063	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-11/30/87	6	0.01	0.01	0.013	0.008	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	5	25.	24.8	29.	21.	8.2	2.864	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-11/30/87	6	15.5	30.333	107.	10.	1431.867	37.84	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-11/30/87	6	3.	5.	17.	2.	34.8	5.899	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-11/30/87	6	12.5	25.333	90.	8.	1021.467	31.96	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-11/30/87	6 ##	0.03	0.067	0.251	0.03	0.008	0.09	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-11/30/87	6	0.472	0.493	0.71	0.264	0.032	0.178	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-11/30/87	6	0.1	0.092	0.19	0.025	0.004	0.061	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-11/30/87	5	0.076	0.111	0.355	0.015	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	5	13697.	14253.2	16651.	11916.	3673641.7	1916.675	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	5	0.74	0.758	0.9	0.69	0.007	0.084	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	0.225	0.225	0.35	0.1	0.031	0.177	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	2	113.5	113.5	153.	74.	3120.5	55.861	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	2	0.745	0.745	0.82	0.67	0.011	0.106	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	2	157.5	157.5	189.	126.	1984.5	44.548	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	2	7.825	7.825	8.75	6.9	1.711	1.308	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	2 ##	9.5	9.5	14.	5.	40.5	6.364	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-11/30/87	6	80.	87.333	130.	40.	1306.667	36.148	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/20/83-11/30/87	6	1.903	1.907	2.114	1.602	0.038	0.194	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			80.733								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-11/30/87	6	60.	47.	80.	1.	1509.6	38.854	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-11/30/87	6	1.753	1.219	1.903	0.	0.905	0.951	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.541								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-11/30/87	7	3.33	3.551	5.72	2.16	1.446	1.203	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	67.48	67.48	67.48	67.48	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	1	104.	104.	104.	104.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-11/30/87	6	5.	4.75	6.	3.	1.175	1.084	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-04/20/87	5	2.446	2.54	3.121	2.272	0.122	0.349	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-04/20/87	5	9.	8.4	10.	6.	3.3	1.817	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	4	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	4	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	2	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	4	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	3	3	1.00	2	2	1.00						
		Drinking Water	250.	5	5	1.00	3	3	1.00	2	2	1.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	4	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	4	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: TIMU0046

NPS Station ID: TIMU0046 LAT/LON: 30.403892/ -81.426949 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER NEAR FORT GEORGE CREEK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_DER_SJR-02
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-02 WAS AT THE ST. JOHNS RIVER AT THE DOWNRIVER NAVIGATION MARKER NEAR FORT GEORGE CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARIES. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	24.45	24.45	28.	20.9	25.205	5.02	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	25300.	25300.	31600.	19000.	79380000.	8909.545	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	3.65	3.65	6.1	1.2	12.005	3.465	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.5	7.5	7.8	7.2	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.404	7.404	7.8	7.2	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.039	0.039	0.063	0.016	0.001	0.033	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-08/09/82	2	39.	39.	48.	30.	162.	12.728	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1	## 0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-08/09/82	2	130.	130.	160.	100.	1800.	42.426	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-08/09/82	2	119.5	119.5	168.	71.	4704.5	68.589	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1	## 0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-08/09/82	2	276.	276.	328.	224.	5408.	73.539	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-08/09/82	2	137.5	137.5	150.	125.	312.5	17.678	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-08/09/82	2	147.5	147.5	256.	39.	23544.5	153.442	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1	## 0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1	## 0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	2434.46	2434.46	2434.46	2434.46	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	965.	965.	1700.	230.	1080450.	1039.447	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	2.796	2.796	3.23	2.362	0.377	0.614	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			625.3								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	200.	200.	230.	170.	1800.	42.426	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	2.296	2.296	2.362	2.23	0.009	0.093	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			197.737								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-04/19/82	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	208.	157.333	229.	35.	11334.333	106.463	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-08/09/82	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/19/82-08/09/82	2	2.573	2.573	2.824	2.322	0.126	0.355	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/19/82-08/09/82	2	7.	7.	9.	5.	8.	2.828	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14----------			----------11/15-4/14----------			--------------n/a--------------			--------------n/a--------------		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	2	1	0.50	2	1	0.50									
01042	COPPER, TOTAL	Marine Acute	2.9	2	2	1.00	2	2	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	2	1	0.50	2	1	0.50									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0047

NPS Station ID: TIMU0047
Location: MAYPORT
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin:
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103010402.68
Description:

LAT/LON: 30.394448/ -81.426949
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 3.16

Agency: 21FLVOL
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): SJR030
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 16.10
Distance from RF3: 0.58

Date Created: 03/08/97
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/28/95-10/19/96	14	17.5	18.143	26.	11.	26.17	5.116	11.75	13.	22.75	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/28/95-10/19/96	15	17.5	19.267	28.	11.	35.888	5.991	11.	14.	26.	27.1
00032	CLOUD COVER (PERCENT)	12/28/95-10/19/96	14	5.	8.571	30.	0.	120.879	10.995	0.	0.	12.5	30.
00300	OXYGEN, DISSOLVED MG/L	12/28/95-10/19/96	15	8.4	8.	9.8	6.2	1.391	1.18	6.2	6.6	8.8	9.56
00406	PH, FIELD, STANDARD UNITS SU	12/28/95-10/19/96	15	7.9	7.893	8.2	7.5	0.042	0.205	7.5	7.8	8.1	8.14
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/28/95-10/19/96	15	7.9	7.844	8.2	7.5	0.045	0.211	7.5	7.8	8.1	8.14
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/28/95-10/19/96	15	0.013	0.014	0.032	0.006	0.	0.008	0.007	0.008	0.016	0.032
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	01/27/96-10/19/96	12	110.	108.667	120.	88.	68.606	8.283	92.8	104.	114.	118.8
00480	SALINITY - PARTS PER THOUSAND	12/28/95-10/19/96	15	16.	16.987	26.4	7.6	24.351	4.935	10.6	13.8	18.4	25.92
00956	SILICA, TOTAL (MG/L AS SI02)	01/27/96-10/19/96	11	3.	2.636	3.	1.5	0.255	0.505	1.6	2.5	3.	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: TIMU0047

Parameter				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	5	0	0.00	10	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	15	0	0.00	5	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00	10	0	0.00						

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

Station Inventory for Station: TIMU0048

NPS Station ID: TIMU0048 LAT/LON: 30.439031/ -81.427448 Agency: 11NPSWRD Date Created: 10/24/98
Location: FT GEORGE R AT THE NE CORNER OF FT GEORGE ISLAND FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG04
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 04 WAS AT THE FORT GEORGE RIVER AT THE NORTHEAST CORNER OF FORT GEORGE ISLAND INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	8	2.5	4.75	20.	0.	47.071	6.861	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/10/86-12/10/86	1 ##	47.5	47.5	47.5	47.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	03/05/85-03/05/85	1 ##	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/10/86-12/10/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	1	0	0.00				1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0049

NPS Station ID: TIMU0049 LAT/LON: 30.439170/ -81.427476 Agency: 11NPSWRD Date Created: 08/29/98
Location: FORT GEORGE R AT NE CORNER OF FORT GEORGE ISLAND FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_ESEC_2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 2 WAS AT FORT GEORGE RIVER AT THE NORTHEAST CORNER OF FORT GEORGE ISLAND INSIDE OF TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE RIVER WAS SAMPLED BY THE ENVIRONMENTAL SCIENCE AND ENGINEERING COMPANY AS PART OF THE FORT GEORGE ISLAND PROJECT. DATA WERE PUBLISHED IN MISCELLANEOUS DATA SHEETS AND A FIELD TRIP REPORT OF DECEMBER 12 THROUGH DECEMBER 17 OF 1983. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-12/13/83	4	3.15	3.1	3.5	2.6	0.18	0.424	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-12/13/83	4	30.	31.	50.	14.	220.	14.832	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-12/13/83	4	9.5	9.5	11.	8.	1.667	1.291	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/26/83-12/13/83	4 ##	2.25	2.25	2.5	2.	0.083	0.289	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-12/13/83	4 ##	0.008	0.015	0.04	0.005	0.	0.017	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-12/13/83	4	0.49	0.515	0.7	0.38	0.018	0.136	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-12/13/83	4	0.015	0.021	0.05	0.005	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-12/13/83	4	0.053	0.052	0.063	0.039	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-12/13/83	4	0.029	0.031	0.05	0.016	0.	0.014	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/26/83-10/27/83	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/83-10/27/83	2	17750.	17750.	19000.	16500.	3125000.	1767.767	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/83-10/27/83	2	1.445	1.445	1.47	1.42	0.001	0.035	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/26/83-10/27/83	2 ##	24.	24.	24.	24.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-12/13/83	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-12/13/83	4 ##	5.	53.	200.	2.	9606.	98.01	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-12/13/83	4 ##	2.75	4.5	10.	2.5	13.5	3.674	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/26/83-12/13/83	4	171.5	173.	189.	160.	191.333	13.832	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-12/13/83	4 ##	25.	37.	73.	25.	576.	24.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/26/83-10/27/83	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/26/83-10/27/83	2 ##	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/26/83-10/27/83	2 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-12/13/83	4 ##	6.25	12.75	36.	2.5	252.75	15.898	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	10/26/83-10/27/83	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/26/83-10/27/83	2	254.	254.	296.	212.	3528.	59.397	**	**	**	**

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

Parameter Inventory for Station: TIMU0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	10/26/83-10/27/83	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	10/26/83-10/27/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	10/26/83-10/27/83	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
11501	RADIUM 228, TOTAL	10/26/83-10/27/83	2	2.05	2.05	2.3	1.8	0.125	0.354	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	4	33.	54.1	150.	0.4	4390.307	66.259	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-12/13/83	4	1.498	1.193	2.176	-0.398	1.24	1.114	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			15.608								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	4	33.	27.35	43.	0.4	411.69	20.29	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-12/13/83	4	1.498	1.058	1.633	-0.398	0.958	0.979	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.42								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/26/83-10/27/83	2	1.	1.	1.	1.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/26/83-10/27/83	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	10/26/83-10/27/83	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/26/83-10/27/83	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-12/13/83	4 ##	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
78216	ALDRIN + DIELDRIN TOTWUG/L	10/26/83-10/27/83	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00	2	0	0.00						
00720	CYANIDE, TOTAL	Marine Acute	0.001	0 &	0	0.00												
01002	ARSENIC, TOTAL	Marine Acute	69.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	3 &	1	0.33	1	1	1.00	2	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Marine Acute	0.12	0 &	0	0.00												
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	2	0	0.00	2	0	0.00						
01097	ANTIMONY, TOTAL	Marine Acute	1500.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Marine Acute	300.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	0	0.00	2	0	0.00	2	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	2	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	2	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	0	0.00	2	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	2	0	0.00	2	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	2	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Marine Acute	0.16	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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 Inventory for Station: TIMU0050

NPS Station ID: TIMU0050
LAT/LON: 30.395838/ -81.430003
Agency: 21FLVOL
Date Created: 03/08/97
Location: ST. JOHNS R.-MAYPORT FERRY LANDING
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SJR010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/05/95-09/29/96	9	21.5	20.444	28.5	10.5	47.903	6.921	10.5	13.5	27.5	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/03/95-09/29/96	7	20.1	21.371	29.5	12.	32.266	5.68	**	**	**	**
00032	CLOUD COVER (PERCENT)	11/05/95-09/29/96	9	10.	25.556	100.	0.	1452.778	38.115	0.	0.	55.	100.
00300	OXYGEN, DISSOLVED MG/L	11/05/95-09/29/96	9	6.6	6.678	9.2	2.2	4.969	2.229	2.2	5.7	9.	9.2
00406	PH, FIELD, STANDARD UNITS SU	11/05/95-09/29/96	9	8.1	8.011	8.6	7.2	0.151	0.389	7.2	7.8	8.2	8.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/05/95-09/29/96	9	8.1	7.825	8.6	7.2	0.19	0.436	7.2	7.8	8.2	8.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/05/95-09/29/96	9	0.008	0.015	0.063	0.003	0.	0.019	0.003	0.006	0.016	0.063
00480	SALINITY - PARTS PER THOUSAND	11/05/95-09/29/96	9	27.6	25.756	34.8	12.8	51.648	7.187	12.8	19.5	31.5	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: TIMU0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	5	0	0.00	4	1	0.25						
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	5	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	5	0	0.00	4	0	0.00						

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

Station Inventory for Station: TIMU0051

NPS Station ID: TIMU0051 LAT/LON: 30.371837/ -81.432031 Agency: 11NPSWRD Date Created: 10/10/98
Location: SHERMAN CK SOUTH OF MAYPORT NAVAL STATION FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM18/IWW2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JACKSONVILLE BEACH; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 18 WAS AT SHERMAN CREEK SOUTH OF MAYPORT NAVAL STATION CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/97-04/22/98	6	23.65	23.15	30.3	17.7	21.123	4.596	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/97-04/22/98	6	30442.	27876.167	39548.	8072.	128556044.967	11338.256	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/15/97-04/22/98	6	5.8	6.05	7.6	5.3	0.643	0.802	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/15/97-04/22/98	6	77.2	77.55	91.6	66.3	75.283	8.677	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/15/97-04/22/98	6	7.52	7.418	7.68	6.98	0.065	0.254	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/97-04/22/98	6	7.52	7.348	7.68	6.98	0.071	0.266	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/97-04/22/98	6	0.03	0.045	0.105	0.021	0.001	0.032	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/97-04/22/98	6	18.9	17.317	25.3	4.5	55.53	7.452	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00	5	0	0.00	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0052

NPS Station ID: TIMU0052
LAT/LON: 30.371531/ -81.432531
Agency: 21FLA
Date Created: / /
Location: SHERMAN CR AT BRIDGE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080103274300.00
RF3 Mile Point: 2.34
Distance from RF3: 0.04
On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: CREEK, SHERMAN SHERMAN CREEK AT BRIDGE

Parameter Inventory for Station: TIMU0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0053

NPS Station ID: TIMU0053
LAT/LON: 30.396698/ -81.433531
Agency: 21FLA
Date Created: 04/05/80
Location: SHAD CR AT HECKSCHER DR FT GEO I
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030492
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 12
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 1.940
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205072100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, SHAD HECKSCHER DR BRIDGE N OF MAYPORT FERRY ACCESS SR A1A AND SR 105
FT GEORGE ISLAND SURVEY STA #2

Parameter Inventory for Station: TIMU0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/26/78	7	4.	4.	6.	1.	3.667	1.915	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-07/26/78	7	25.	25.843	30.	23.8	4.88	2.209	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	07/26/78-07/26/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	10.15	10.367	13.8	5.2	9.323	3.053	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-07/26/78	7	2.3	3.114	7.	0.7	4.785	2.187	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-07/26/78	5	1.12	1.25	1.83	0.75	0.241	0.491	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-07/26/78	7	20.	16.429	30.	5.	72.619	8.522	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	6	45750.	45016.667	47500.	41000.	5141666.667	2267.524	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-07/26/78	1	42000.	42000.	42000.	42000.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/78-07/26/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	6	5.65	5.783	6.4	5.2	0.194	0.44	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	5	1.2	1.38	2.	0.8	0.252	0.502	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/77-05/18/77	2	7.56	7.56	7.62	7.5	0.007	0.085	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-05/18/77	2	7.556	7.556	7.62	7.5	0.007	0.085	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-05/18/77	2	0.028	0.028	0.032	0.024	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	5	7.9	7.88	8.1	7.7	0.022	0.148	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	5	7.9	7.861	8.1	7.7	0.022	0.15	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	5	0.013	0.014	0.02	0.008	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-07/26/78	2	32.5	32.5	44.	21.	264.5	16.263	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-07/26/78	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-07/26/78	2	26.	26.	36.	16.	200.	14.142	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-07/26/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-07/26/78	7	0.003	0.028	0.09	0.	0.002	0.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-07/26/78	7	0.21	2.349	12.6	0.005	21.028	4.586	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-07/26/78	7	0.03	0.04	0.07	0.02	0.	0.018	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	7	17840.	17987.143	19100.	16680.	777423.81	881.716	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-07/26/78	6	10.5	12.	23.	7.	36.	6.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-07/26/78	6	1.009	1.04	1.362	0.845	0.038	0.195	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.969								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/26/78	6	5.	4.5	8.	2.	5.1	2.258	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/26/78	6	0.699	0.6	0.903	0.301	0.06	0.245	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.984								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-07/26/78	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-07/26/78	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	7	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	6	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: TIMU0054

NPS Station ID: TIMU0054
LAT/LON: 30.426115/ -81.434726
Agency: 21FLWQA
Date Created: 07/18/87
Location: GARDEN CREEK S. TRIB. PALMETTO AVE 04/X2 FF8
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF10010 /SJWMD28
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 3.710
Distance from RF1: 2.20
On/Off RF1: OFF
RF3 Index: 03080103009103.50
RF3 Mile Point: 3.50
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0055

NPS Station ID: TIMU0055
LAT/LON: 30.425616/ -81.435698
Agency: 21FLA
Date Created: 04/05/80
Location: HEAD WATER TRIB TO GARDEN CR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030497
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 2
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 11.330
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205046300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, GARDEN HEAD WATER TO GARDEN CREEK 1300 FT SO STA #7 AT PALMETTO AVE BRIDGE
FT GEORGE ISLAND STA #8

Parameter Inventory for Station: TIMU0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	6	0.5	0.5	1.	0.	0.3	0.548	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	6	32.5	33.167	40.	29.	18.167	4.262	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	2.35	2.133	3.4	0.1	2.023	1.422	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	6	9.75	10.233	17.	5.6	17.915	4.233	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	6	0.395	0.522	0.84	0.35	0.054	0.233	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	6	45.	48.333	80.	30.	456.667	21.37	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	6	42500.	38033.333	50500.	4700.	279226666.667	16710.077	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	6	6.75	5.867	8.	2.7	5.051	2.247	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	6	2.4	2.317	3.3	1.	0.902	0.95	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	6	7.4	7.367	7.5	7.1	0.023	0.151	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	6	7.4	7.343	7.5	7.1	0.023	0.153	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	6	0.04	0.045	0.079	0.032	0.	0.018	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	6	0.03	0.139	0.6	0.	0.055	0.235	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	6	1.725	2.052	4.01	0.29	1.854	1.361	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	6	0.06	0.05	0.07	0.02	0.001	0.024	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	6	16235.	17120.	19510.	15980.	2412720.	1553.293	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	6	120.	102.	130.	33.	1541.2	39.258	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	6	2.078	1.967	2.114	1.519	0.055	0.235	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.589								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	6	74.5	70.667	130.	17.	1401.867	37.442	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	6	1.871	1.779	2.114	1.23	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.139								

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

EPA Water Quality Criteria Analysis for Station: TIMU0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	2	0.33	6	2	0.33									
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	6	1.00	6	6	1.00									
		Drinking Water	250.	6	6	1.00	6	6	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	6	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: TIMU0056

NPS Station ID: TIMU0056 LAT/LON: 30.426031/ -81.435921 Agency: 11NPSWRD Date Created: 10/24/98
Location: UNKNOWN TRIBUTARY TO GARDEN CK AT PALMETTO AVE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG6E
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6E WAS AT AN UNKNOWN TRIBUTARY TO GARDEN CREEK AT FORT GEORGE ISLAND AT PALMETTO AVENUE INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/15/86-08/21/90	11	0.	0.027	0.3	0.	0.008	0.09	0.	0.	0.	0.24
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/86-10/10/86	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/21/90-08/21/90	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/10/86-08/21/90	3	50000.	39966.667	52900.	17000.	397703333.333	19942.501	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/10/86-10/10/86	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/10/86-10/10/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/10/86-10/10/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/86-10/10/86	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/90-08/21/90	2	75.5	75.5	100.	51.	1200.5	34.648	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	4 ##	0.065	0.086	0.206	0.007	0.009	0.096	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/90-08/21/90	2	0.405	0.405	0.48	0.33	0.011	0.106	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/10/86-08/21/90	3 ##	0.025	0.025	0.04	0.01	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/90-08/21/90	2	0.205	0.205	0.22	0.19	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-08/21/90	9	6000.	6384.444	9000.	5060.	1584177.778	1258.641	5060.	5350.	7250.	9000.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/90-08/21/90	2	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	5 ##	0.5	0.9	2.	0.5	0.425	0.652	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	18	500.	487.278	862.	90.	47721.389	218.452	198.	293.5	693.25	770.2
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	8	34.	166.625	710.	0.5	64511.339	253.991	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/07/89	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	13	20.	31.769	110.	1.	967.234	31.1	4.	10.25	51.	94.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	4	520.	514.75	689.	330.	21583.583	146.914	**	**	**	**

** - 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: TIMU0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	11 ##	1.	6.441	48.	0.35	195.753	13.991	0.38	0.5	5.	40.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	16 ##	5.	20.188	170.	3.	1736.529	41.672	3.35	4.	15.75	86.7
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	13	7.	45.038	200.	0.5	3802.603	61.665	0.7	1.	91.	164.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	16	62.	85.219	370.	2.	9161.766	95.717	3.05	13.25	134.75	237.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	1	49.	49.	49.	49.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/10/86-08/21/90	3	1600.	1466.667	2300.	500.	823333.333	907.377	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/10/86-08/21/90	3	3.204	3.088	3.362	2.699	0.12	0.346	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1225.385								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/86-08/21/90	3	1300.	1066.667	1600.	300.	463333.333	680.686	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/10/86-08/21/90	3	3.114	2.932	3.204	2.477	0.157	0.396	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			854.532								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	6 ##	0.2	0.258	0.5	0.1	0.02	0.143	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/86-08/21/90	4	11.3	10.8	13.	7.6	7.12	2.668	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	1	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	1	0	0.00	4	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	3	0.38	5	2	0.40	3	1	0.33						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1	1	1.00				1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	13	1	0.08	8	0	0.00	5	1	0.20						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	11	1	0.09	8	1	0.13	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	16	0	0.00	12	0	0.00	4	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	15 &	14	0.93	10	9	0.90	5	5	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67	3	2	0.67									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	6	0	0.00	2	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0057

NPS Station ID: TIMU0057
LAT/LON: 30.425837/ -81.435837
Agency: 21FLWQA
Date Created: 07/18/87
Location: GARDEN CREEK S.TRIB. AT PALMETTO AVE 04/X2 F6E
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10020 /SJWMD29
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 3.710
Distance from RF1: 3.20
On/Off RF1: OFF
RF3 Index: 03070205072300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0057

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0058

NPS Station ID: TIMU0058
LAT/LON: 30.429087/ -81.436115
Agency: 21FLA
Date Created: 04/05/80
Location: HEAD WATER TO GARDEN CR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030496
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 2
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 11.330
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205000710.05
RF3 Mile Point: 10.69
Distance from RF3: 0.06
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, GARDEN HEAD WATER TO GARDEN CREEK 1100 FT SOUTH OF STA #6 FT GEORGE IS STA #7

Parameter Inventory for Station: TIMU0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	5	1.	0.6	1.	0.	0.3	0.548	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	5	29.	29.4	34.	27.	8.3	2.881	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	5	2.	2.14	3.2	1.3	0.708	0.841	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	5	16.	30.9	99.	6.5	1470.55	38.348	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	5	0.5	14.456	70.43	0.4	979.094	31.29	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	5	40.	58.	120.	30.	1470.	38.341	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	5	45000.	44900.	49000.	42000.	9050000.	3008.322	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	5	3.6	3.68	4.4	2.8	0.457	0.676	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	5	1.5	1.72	3.3	0.9	0.942	0.971	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	5	7.5	7.34	7.5	7.1	0.048	0.219	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	5	7.5	7.295	7.5	7.1	0.051	0.225	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	5	0.032	0.051	0.079	0.032	0.001	0.026	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	5	0.	0.001	0.003	0.	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	5	0.88	2.513	8.48	0.085	12.192	3.492	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	5	0.03	0.028	0.03	0.02	0.	0.004	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	5	18420.	17944.	19700.	16000.	2680480.	1637.217	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	5	130.	98.2	170.	17.	4657.2	68.244	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	5	2.114	1.85	2.23	1.23	0.197	0.444	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			70.874								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	13.	13.8	30.	2.	102.7	10.134	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	1.114	1.009	1.477	0.301	0.186	0.431	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.221								

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

EPA Water Quality Criteria Analysis for Station: TIMU0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	1	0.20	5	1	0.20									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	3	0.60	5	3	0.60									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	5	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	5	5	1.00									
		Drinking Water	250.	5	5	1.00	5	5	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	5	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	5	0	0.00									

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

Station Inventory for Station: TIMU0059

NPS Station ID: TIMU0059 LAT/LON: 30.429365/ -81.436198 Agency: 11NPSWRD Date Created: 10/24/98
Location: UNKNOWN TRIBUTARY TO GARDEN CK AT PALMETTO AVE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG6C
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6C WAS AT AN UNKNOWN TRIBUTARY TO GARDEN CREEK AT FORT GEORGE ISLAND AT PALMETTO AVENUE INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	12	0.	0.108	1.	0.	0.086	0.294	0.	0.	0.	0.79
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/06/85-01/15/86	2	11.55	11.55	14.	9.1	12.005	3.465	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/21/90-08/21/90	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/85-03/07/89	6	31700.	28366.667	45300.	4500.	215858666.667	14692.129	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/06/85-01/15/86	2	8.65	8.65	9.9	7.4	3.125	1.768	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	11/06/85-01/15/86	2	6.35	6.35	6.7	6.	0.245	0.495	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/06/85-01/15/86	2	6.222	6.222	6.7	6.	0.278	0.527	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/06/85-01/15/86	2	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/18/90-08/21/90	2	81.	81.	100.	62.	722.	26.87	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	6 ##	0.035	0.14	0.691	0.001	0.074	0.272	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/90-08/21/90	2 ##	0.23	0.23	0.33	0.13	0.02	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/06/85-08/21/90	4 ##	0.028	0.026	0.04	0.01	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/90-08/21/90	2	0.155	0.155	0.18	0.13	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/02/87-08/21/90	8	6250.	7462.5	15000.	5100.	11268392.857	3356.843	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/18/90-08/21/90	2	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	17	396.	407.824	990.	110.	37758.154	194.315	198.	277.	461.5	670.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	8	5.25	159.375	660.	1.	69239.196	263.133	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/07/89	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	12	30.5	32.208	100.	0.5	731.657	27.049	2.9	10.625	48.	84.7
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	5	430.	1010.8	3800.	4.	2466333.2	1570.456	**	**	**	**

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

Parameter Inventory for Station: TIMU0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	10 ##	2.5	7.935	58.	0.35	313.22	17.698	0.365	0.5	5.25	52.8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	15	5.	20.533	170.	1.	1878.517	43.342	2.2	3.5	15.	99.8
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	12	31.	61.958	210.	0.5	5654.657	75.197	0.65	1.75	101.25	204.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	15	54.	66.5	260.	1.	4569.179	67.596	2.5	19.	91.	192.2
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	1	42.	42.	42.	42.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/06/85-08/21/90	4	630.	770.	1600.	220.	399600.	632.139	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/06/85-08/21/90	4	2.748	2.76	3.204	2.342	0.155	0.394	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			576.04								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/06/85-08/21/90	4	380.	475.	920.	220.	110766.667	332.816	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/06/85-08/21/90	4	2.537	2.595	2.964	2.342	0.094	0.307	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			393.783								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	6 ##	0.275	0.275	0.5	0.1	0.028	0.167	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/06/85-08/21/90	4	6.3	7.05	9.7	5.9	3.217	1.794	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00	1	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	1	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	1	0	0.00	4	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	3	0.38	5	2	0.40	3	1	0.33						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1	1	1.00				1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	1	0.08	6	0	0.00	6	1	0.17						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	10	1	0.10	6	1	0.17	4	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	15	0	0.00	10	0	0.00	5	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	14 &	13	0.93	8	7	0.88	6	6	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	1	0.25	3	1	0.33	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	4	1.00	3	3	1.00	1	1	1.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	6	0	0.00	2	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0060

NPS Station ID: TIMU0060
LAT/LON: 30.432504/ -81.436143
Agency: 21FLA
Date Created: 07/20/78
Location: TRIB GARDEN CR 2000 FT S KINGSLE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020036
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 11.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103309800.65
RF3 Mile Point: 1.53
Distance from RF3: 0.33
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, GARDEN, TRIBUTARY TO SMALL TRIBUTARY TO GARDEN CREEK AT PALMETTO BRIDGE 2000 FT S OF KINGSLEY PLANTATION FT GEORGE SURVEY STATION #6

Parameter Inventory for Station: TIMU0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	3	27.	26.333	27.	25.	1.333	1.155	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	3	0.7	0.7	0.8	0.6	0.01	0.1	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	3	22.	41.833	94.	9.5	2080.083	45.608	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	3	0.2	0.21	0.25	0.18	0.001	0.036	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	3	40.	70.	140.	30.	3700.	60.828	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	3	45000.	47000.	51000.	45000.	12000000.	3464.102	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	3	3.5	4.1	5.9	2.9	2.52	1.587	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	3	2.9	2.967	3.4	2.6	0.163	0.404	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	3	7.3	7.2	7.4	6.9	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	3	7.3	7.143	7.4	6.9	0.075	0.274	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	3	0.05	0.072	0.126	0.04	0.002	0.047	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-05/17/77	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	3	0.003	0.201	0.6	0.	0.12	0.346	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	3	0.46	1.137	2.57	0.38	1.542	1.242	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	3	0.01	0.014	0.03	0.003	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	3	18360.	17650.	18530.	16060.	1903300.	1379.601	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	3	920.	1223.333	2400.	350.	1119633.333	1058.127	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	3	2.964	2.963	3.38	2.544	0.175	0.418	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			917.675								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	3	540.	1096.667	2400.	350.	1283033.333	1132.711	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	3	2.732	2.886	3.38	2.544	0.192	0.439	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			768.347								

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

EPA Water Quality Criteria Analysis for Station: TIMU0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	1	0.33	3	1	0.33									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	2	0.67	3	2	0.67									
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	3	1.00	3	3	1.00									
		Drinking Water	250.	3	3	1.00	3	3	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	1	0.33	3	1	0.33									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									

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

Station Inventory for Station: TIMU0061

NPS Station ID: TIMU0061
LAT/LON: 30.426115/ -81.436115
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GARDEN CREEK IST. TRIB. NORTH ON PALMETTO AVENUE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG6E
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0062

NPS Station ID: TIMU0062
LAT/LON: 30.426115/ -81.436115
Agency: 21FLJXWQ
Date Created: 05/28/94
Location: GARDEN CREEK 1ST TRIB N ON PALMETTO AVE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG006E
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/07/90	20	19.55	21.34	34.5	9.6	69.055	8.31	10.75	14.5	30.5	32.47
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/90-11/07/90	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/26/90-11/07/90	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	11/07/90-11/07/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/07/90	11	32000.	32018.182	51200.	11200.	147301636.364	12136.789	12360.	24500.	38000.	50960.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/07/90	19	7.9	7.558	12.1	2.6	5.661	2.379	4.4	5.9	9.5	10.7
00400	PH (STANDARD UNITS)	11/13/84-11/07/90	20	7.125	7.149	7.9	6.2	0.164	0.405	6.53	6.925	7.408	7.735
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-11/07/90	20	7.124	6.953	7.9	6.2	0.205	0.453	6.53	6.925	7.407	7.735
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-11/07/90	20	0.075	0.111	0.631	0.013	0.02	0.14	0.019	0.039	0.119	0.3
00480	SALINITY - PARTS PER THOUSAND	06/02/87-11/07/90	6	31.75	31.85	34.9	29.	5.483	2.342	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-11/07/90	12	68.	73.833	129.	26.	847.606	29.114	30.8	53.	97.25	122.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/07/90	19 ##	0.01	0.068	0.48	0.002	0.014	0.119	0.002	0.007	0.08	0.209
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/07/90	6	0.44	0.537	1.36	0.16	0.198	0.445	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/07/90	19	0.02	0.026	0.12	0.005	0.001	0.027	0.005	0.005	0.04	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-11/07/90	12	0.114	0.137	0.362	0.01	0.012	0.109	0.015	0.072	0.158	0.355
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/88-05/24/88	2	3500.	3500.	4000.	3000.	500000.	707.107	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/07/90	13	17000.	16646.154	21000.	8400.	12201025.641	3492.997	9760.	15500.	19600.	20600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/07/90	18	900.	1728.167	11000.	7.	6864374.618	2619.995	72.7	270.	1875.	5600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-11/07/90	18	2.954	2.817	4.041	0.845	0.555	0.745	1.797	2.43	3.268	3.733
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			655.868								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	19	240.	879.053	5000.	2.	1594914.83	1262.899	40.	140.	1600.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	19	2.38	2.492	3.699	0.301	0.6	0.774	1.602	2.146	3.204	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			310.28								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-11/07/90	3	1.	3.567	9.1	0.6	23.003	4.796	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-11/07/90	18	7.05	9.356	25.6	2.2	48.667	6.976	2.2	3.775	14.25	21.46

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

EPA Water Quality Criteria Analysis for Station: TIMU0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	19	1	0.05	11	1	0.09	8	0	0.00						
00400	PH	Marine Chronic	8.5	20	0	0.00	11	0	0.00	9	0	0.00						
		Other-Lo Lim.	6.5	20	2	0.10	11	1	0.09	9	1	0.11						

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

EPA Water Quality Criteria Analysis for Station: TIMU0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	8	0.44	9	4	0.44	9	4	0.44						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	19	11	0.58	10	6	0.60	9	5	0.56						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	18	0	0.00	9	0	0.00	9	0	0.00						

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

Station Inventory for Station: TIMU0063

NPS Station ID: TIMU0063 LAT/LON: 30.432753/ -81.436226 Agency: 11NPSWRD Date Created: 10/24/98
Location: UNKNOWN TRIBUTARY TO GARDEN CK AT PALMETTO AVE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG6D
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6D WAS AT AN UNKNOWN TRIBUTARY TO GARDEN CREEK AT FORT GEORGE ISLAND AT PALMETTO AVENUE INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/10/86-12/10/86	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	285.	504.429	1700.	220.	285080.619	533.929	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7 ##	15.	12.286	21.	1.	71.155	8.435	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	0.5	1.264	3.	0.35	1.447	1.203	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7 ##	4.	5.143	10.	3.	6.393	2.528	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7 ##	1.	2.286	7.	0.5	6.821	2.612	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	13.	28.929	60.	3.5	642.202	25.342	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	6 &	6	1.00	3	3	1.00	3	3	1.00						

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

Station Inventory for Station: TIMU0064

NPS Station ID: TIMU0064 | LAT/LON: 30.385420/ -81.436392 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST. JOHNS R UPRIVER OF US COAST GUARD STATION | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_DER_SJR-03
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-03 WAS AT THE ST. JOHNS RIVER IMMEDIATELY UPRIVER FROM THE U.S. COAST GUARD STATION IN THE EDDY AREA INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-6417155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	24.15	24.15	28.4	19.9	36.125	6.01	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	23650.	23650.	25200.	22100.	4805000.	2192.031	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	6.45	6.45	7.1	5.8	0.845	0.919	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.55	7.55	7.9	7.2	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.422	7.422	7.9	7.2	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.038	0.038	0.063	0.013	0.001	0.036	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	3	20.	27.667	48.	15.	316.333	17.786	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	3	50.	59.333	110.	18.	2181.333	46.705	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	3	120.	112.	128.	88.	448.	21.166	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	3	297.	372.	612.	207.	45225.	212.662	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	3	125.	188.333	370.	70.	25508.333	159.713	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	3	125.	103.667	145.	41.	3045.333	55.185	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	3976.1	3976.1	3976.1	3976.1	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: TIMU0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	795.	795.	1100.	490.	186050.	431.335	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	2.866	2.866	3.041	2.69	0.062	0.248	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			734.166								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	22.	22.	31.	13.	162.	12.728	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	1.303	1.303	1.491	1.114	0.071	0.267	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			20.075								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	2	0.395	0.395	0.56	0.23	0.054	0.233	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	160.	558.333	1425.	90.	564558.333	751.371	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0064

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	1	0.33	3	1	0.33									
01042	COPPER, TOTAL	Marine Acute	2.9	3	3	1.00	3	3	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	3	1	0.33	3	1	0.33									
01092	ZINC, TOTAL	Marine Acute	95.	3	2	0.67	3	2	0.67									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0065

NPS Station ID: TIMU0065
LAT/LON: 30.429448/ -81.436392
Agency: 21FLJXWQ
Date Created: 05/28/94
Location: GARDEN CREEK 2ND TRIB N ON PALMETTO AVE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG006C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/07/90	18	18.65	21.233	33.6	11.	65.422	8.088	12.35	14.375	29.45	33.42
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-11/07/90	3	22.5	20.2	24.1	14.	29.47	5.429	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/07/89-11/07/90	4	5.	27.5	100.	0.	2358.333	48.563	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	11/07/90-11/07/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/07/90	11	34200.	33781.818	52300.	8200.	197745636.364	14062.206	10560.	24000.	47600.	51840.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/07/90	17	5.6	6.329	11.3	2.6	5.766	2.401	3.	4.55	8.4	9.78
00400	PH (STANDARD UNITS)	11/13/84-11/07/90	18	7.17	7.11	7.7	6.	0.181	0.425	6.27	6.975	7.408	7.61
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-11/07/90	18	7.169	6.841	7.7	6.	0.257	0.507	6.27	6.975	7.408	7.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-11/07/90	18	0.068	0.144	1.	0.02	0.057	0.239	0.025	0.039	0.106	0.551
00480	SALINITY - PARTS PER THOUSAND	06/02/87-11/07/90	6	31.25	30.333	34.5	26.	10.367	3.22	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-11/07/90	12	62.	68.917	124.	41.	676.265	26.005	43.1	49.5	80.	121.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/07/90	17	0.02	0.151	0.691	0.002	0.052	0.227	0.002	0.007	0.279	0.646
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/07/90	6	0.595	0.751	1.32	0.35	0.165	0.406	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/07/90	17	0.02	0.024	0.07	0.003	0.	0.019	0.004	0.01	0.035	0.054
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-11/07/90	12	0.098	0.108	0.227	0.028	0.004	0.066	0.031	0.05	0.171	0.219
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-05/24/88	4	2770.	3150.	4960.	2100.	1575066.667	1255.017	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/07/90	13	16000.	15153.846	21200.	3500.	20489358.974	4526.517	5380.	15200.	17000.	20120.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/07/90	16	900.	1767.313	8000.	7.	5467083.563	2338.18	37.1	510.	1600.	7300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-11/07/90	16	2.954	2.845	3.903	0.845	0.611	0.782	1.443	2.707	3.204	3.862
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			699.8								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	17	800.	1067.235	3000.	4.	1020025.441	1009.963	16.8	164.5	1600.	3000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	17	2.903	2.635	3.477	0.602	0.678	0.823	1.161	2.148	3.204	3.477
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			431.571								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	11/07/90-11/07/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/07/90	15	7.5	8.413	16.	2.5	16.71	4.088	2.86	6.	11.	15.4

** - 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: TIMU0065

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			--------------n/a--------------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	3	0.18	10	3	0.30	7	0	0.00						
00400	PH	Marine Chronic	8.5	18	0	0.00	10	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	18	2	0.11	10	1	0.10	8	1	0.13						

& - 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: TIMU0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	7	0.44	8	6	0.75	8	1	0.13						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16 &	12	0.75	9	8	0.89	7	4	0.57						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	15	0	0.00	8	0	0.00	7	0	0.00						

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

Station Inventory for Station: TIMU0066

NPS Station ID: TIMU0066
LAT/LON: 30.429448/ -81.436392
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GARDEN CREEK 2ND. TRIB. NORTH ON PALMETTO AVENUE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG6C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0066

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0067

NPS Station ID: TIMU0067 | LAT/LON: 30.432781/ -81.436392 | Agency: 21FLJXWQ | Date Created: 05/28/94
Location: GARDEN CREEK 3RD TRIB N ON PALMETTO AVE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FG006D
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	7	18.7	18.643	30.	11.2	47.05	6.859	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	7	20000.	17168.571	34500.	2680.	118185580.952	10871.319	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	7	5.9	6.529	12.8	2.1	11.319	3.364	**	**	**	**
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	7	6.9	6.586	7.2	5.7	0.281	0.53	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	7	6.9	6.293	7.2	5.7	0.382	0.618	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.126	0.51	1.995	0.063	0.477	0.691	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7	0.188	0.275	0.778	0.007	0.096	0.31	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7	0.04	0.056	0.17	0.005	0.003	0.054	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	5	1600.	1460.	2400.	100.	698000.	835.464	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	5	3.204	2.999	3.38	2.	0.317	0.563	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			996.585								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6	1260.	1493.333	4600.	100.	2755146.667	1659.863	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6	3.084	2.863	3.663	2.	0.428	0.654	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			730.274								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-07/09/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	6	3.7	6.967	23.	1.9	65.843	8.114	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	1	0.14	4	1	0.25	3	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	3	0.43	4	2	0.50	3	1	0.33						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	4	0.80	2	1	0.50	3	3	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	4	0.67	3	2	0.67	3	2	0.67						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0068

NPS Station ID: TIMU0068 | LAT/LON: 30.320587/ -81.436503 | Agency: 21FLA | Date Created: / /
Location: ICWW AT BUOY NO 21 NR ATL BLVD | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 27010005
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080103091 | RF1 Mile Point: 10.440 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103270400.00 | RF3 Mile Point: 6.81 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: INTRACOASTAL WATERWAY INTRACOASTAL WATERWAY, BUOY NO 21 NEAR ATLANTIC BLVD

Parameter Inventory for Station: TIMU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-04/22/91	34	4.5	5.541	15.	0.2	16.852	4.105	1.	2.	10.	10.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-04/22/91	23	23.	22.609	32.	11.	31.028	5.57	13.6	19.	26.9	29.6
00055	VELOCITY, STREAM FT/SEC	03/09/83-04/22/91	7	1.5	1.5	3.	0.	1.	1.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-04/03/74	10	5.9	7.47	16.	2.8	20.482	4.526	2.86	4.075	10.625	15.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	12	6.15	7.167	16.	2.1	22.322	4.725	2.16	2.825	11.5	15.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	12	0.95	0.962	1.4	0.7	0.04	0.2	0.7	0.805	1.1	1.31
00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	8	87.5	98.75	150.	45.	2076.786	45.572	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	12	45.	56.667	160.	10.	1696.97	41.194	13.	30.	75.	142.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/22/90	9	28800.	27900.	46900.	12500.	128390000.	11330.931	12500.	17950.	36050.	46900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	19	33400.	30910.526	41500.	8600.	71498896.819	8455.702	13420.	30000.	36422.	37500.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-04/22/91	7	6.7	6.629	8.6	5.5	1.272	1.128	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/71-04/22/91	24	6.	6.008	9.	2.7	1.788	1.337	4.45	5.15	6.875	7.7
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-04/22/91	22	1.35	1.505	4.1	0.	1.106	1.052	0.35	0.8	1.8	3.67
00400	PH (STANDARD UNITS)	09/14/71-04/22/91	19	7.55	7.58	8.	7.2	0.055	0.235	7.3	7.4	7.8	7.98
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-04/22/91	19	7.55	7.523	8.	7.2	0.059	0.242	7.3	7.4	7.8	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-04/22/91	19	0.028	0.03	0.063	0.01	0.	0.015	0.01	0.016	0.04	0.05
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/22/90	11	7.7	7.755	8.	7.6	0.023	0.151	7.6	7.6	7.9	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/22/90	11	7.7	7.732	8.	7.6	0.023	0.153	7.6	7.6	7.9	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/22/90	11	0.02	0.019	0.025	0.01	0.	0.006	0.011	0.013	0.025	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-04/22/91	8	95.	94.	107.	80.	122.	11.045	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/22/91-04/22/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-06/04/73	8	6.	8.25	15.	4.	22.214	4.713	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-04/22/91	11	23.	22.673	30.	8.	41.76	6.462	9.18	22.	26.	29.82
00500	RESIDUE, TOTAL (MG/L)	11/15/71-05/15/73	6	21790.	19424.833	33410.	19.	130193312.167	11410.228	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	5	3644.	5031.	11530.	2583.	13487785.	3672.572	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	5	20390.	18274.	21870.	11720.	19370030.	4401.14	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-05/15/73	5	23680.	20407.8	33360.	19.	154328314.2	12422.895	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-04/22/91	21	35.	42.429	91.	7.	588.057	24.25	16.6	20.5	60.5	82.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	20	11.5	12.	28.	2.	53.158	7.291	3.1	5.25	17.5	22.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	20	30.	31.5	73.	5.	405.526	20.138	5.2	16.	41.25	62.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/22/90	12 ##	0.03	0.061	0.25	0.	0.007	0.081	0.002	0.006	0.075	0.235
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	2	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	11	0.08	0.153	0.69	0.	0.041	0.203	0.	0.003	0.22	0.612
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	11	0.388	0.392	0.77	0.05	0.053	0.231	0.064	0.16	0.61	0.75
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-04/22/91	9	0.1	0.106	0.3	0.03	0.007	0.082	0.03	0.04	0.125	0.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	17	0.12	0.174	0.655	0.065	0.019	0.139	0.069	0.105	0.227	0.339
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	6	2400.	2875.	4500.	1900.	1343750.	1159.202	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/72-10/22/90	8	13500.	13026.25	17910.	8500.	7575055.357	2752.282	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/22/91	4	0.665	0.62	0.77	0.38	0.031	0.176	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-04/22/91	2	290.	290.	460.	120.	57800.	240.416	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/22/90-04/22/91	2	2.371	2.371	2.663	2.079	0.17	0.413	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			234.947								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-01/05/87	20	490.	1032.1	7000.	3.	2657194.832	1630.09	49.1	170.	1250.	3200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/14/71-01/05/87	20	2.69	2.579	3.845	0.477	0.559	0.748	1.691	2.23	3.096	3.503
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			379.507								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-04/22/91	2	77.	77.	97.	57.	800.	28.284	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/22/90-04/22/91	2	1.871	1.871	1.987	1.756	0.027	0.163	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			74.357								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	180.	531.125	2300.	49.	571921.554	756.255	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	2.238	2.418	3.362	1.69	0.286	0.535	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			261.766								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	18	120.	395.056	2300.	11.	492349.114	701.676	19.1	49.	295.	2210.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	18	2.078	2.124	3.362	1.041	0.4	0.633	1.275	1.69	2.444	3.344
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			133.067								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	1.389	1.389	1.477	1.301	0.016	0.125	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			24.495								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	4	3.49	3.86	7.01	1.45	5.376	2.319	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-10/22/90	10	0.075	0.079	0.145	0.04	0.001	0.033	0.041	0.052	0.102	0.142
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	11	13.	13.2	25.4	4.	45.456	6.742	4.4	9.	21.	24.52

** - 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: TIMU0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	5	0	0.00	5	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00	10	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	6	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	1	0.04	16	1	0.06	8	0	0.00						
00400	PH	Marine Chronic	8.5	19	0	0.00	14	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	19	0	0.00	14	0	0.00	5	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	11	0	0.00	9	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	11	0	0.00	9	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	20	6	0.30	13	3	0.23	7	3	0.43						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	4	0.50	4	2	0.50	4	2	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	6	0.33	12	3	0.25	6	3	0.50						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-04/22/91	24	6.	5.892	15.	0.2	19.652	4.433	0.6	1.25	10.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-04/22/91	16	25.75	25.119	32.	19.	16.287	4.036	19.42	20.625	28.625	30.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	10	6.	7.17	16.	2.1	25.478	5.048	2.12	2.45	12.25	15.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	10	0.95	0.974	1.4	0.7	0.039	0.197	0.709	0.835	1.1	1.37
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	10	45.	55.	160.	10.	1783.333	42.23	11.	27.5	65.	152.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	13	33850.	33307.077	41500.	13420.	45087761.077	6714.742	20052.	31700.	37000.	39900.
00300	OXYGEN, DISSOLVED MG/L	09/14/71-04/22/91	16	5.65	5.569	7.5	2.7	1.352	1.163	3.82	4.875	6.35	7.08
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-04/22/91	15	1.6	1.6	4.	0.2	0.857	0.926	0.5	0.8	1.8	3.34
00400	PH (STANDARD UNITS)	09/14/71-04/22/91	14	7.49	7.534	8.	7.2	0.063	0.251	7.25	7.307	7.688	7.99
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-04/22/91	14	7.49	7.475	8.	7.2	0.066	0.258	7.25	7.307	7.688	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-04/22/91	14	0.032	0.033	0.063	0.01	0.	0.016	0.01	0.021	0.049	0.057
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/22/90	9	7.7	7.756	8.	7.6	0.023	0.151	7.6	7.6	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/22/90	9	7.7	7.733	8.	7.6	0.023	0.153	7.6	7.6	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/22/90	9	0.02	0.018	0.025	0.01	0.	0.006	0.01	0.013	0.025	0.025
00480	SALINITY - PARTS PER THOUSAND	09/14/71-04/22/91	9	25.4	23.611	30.	8.	41.576	6.448	8.	22.5	27.55	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-04/22/91	14	41.	43.357	91.	7.	600.093	24.497	11.5	23.75	65.25	80.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	14	9.5	11.429	28.	2.	57.187	7.562	3.	4.75	16.5	25.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	14	30.	31.929	73.	5.	426.533	20.653	6.	15.5	46.5	66.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/22/90	9 ##	0.03	0.071	0.25	0.005	0.008	0.089	0.005	0.02	0.128	0.25
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	9	0.08	0.167	0.69	0.	0.048	0.22	0.	0.021	0.26	0.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	9	0.388	0.389	0.77	0.05	0.065	0.256	0.05	0.14	0.64	0.77
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	13	0.12	0.181	0.655	0.065	0.024	0.155	0.071	0.105	0.227	0.497
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	10	13.	13.62	25.4	4.	48.351	6.953	4.2	8.25	21.	24.96

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-04/22/91	10	3.5	4.7	10.	1.	10.456	3.234	1.1	2.	8.	9.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-04/22/91	7	18.1	16.871	23.	11.	17.849	4.225	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	2	7.15	7.15	10.	4.3	16.245	4.031	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	2	0.9	0.9	1.1	0.7	0.08	0.283	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	2	65.	65.	100.	30.	2450.	49.497	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	6	29500.	25718.	34000.	8600.	101897624.	10094.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/71-04/22/91	8	6.8	6.888	9.	5.1	1.653	1.286	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-04/22/91	7	0.8	1.3	4.1	0.	1.8	1.342	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/71-04/22/91	5	7.8	7.71	7.8	7.55	0.016	0.124	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-04/22/91	5	7.8	7.695	7.8	7.55	0.016	0.126	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-04/22/91	5	0.016	0.02	0.028	0.016	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/22/90	2	7.75	7.75	7.9	7.6	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/22/90	2	7.725	7.725	7.9	7.6	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/22/90	2	0.019	0.019	0.025	0.013	0.	0.009	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-04/22/91	2	18.45	18.45	23.	13.9	41.405	6.435	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-04/22/91	7	28.	40.571	85.	19.	653.952	25.572	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	6	15.	13.333	22.	3.	50.267	7.09	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	6	30.	30.5	63.	5.	430.3	20.744	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/22/90	3	0.005	0.029	0.081	0.	0.002	0.045	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	2	0.09	0.09	0.18	0.	0.016	0.127	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	2	0.405	0.405	0.47	0.34	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	4	0.146	0.153	0.25	0.07	0.006	0.077	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

Station Inventory for Station: TIMU0069

NPS Station ID: TIMU0069
LAT/LON: 30.432781/ -81.436392
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GARDEN CREEK 3RD. TRIB. NORTH ON PALMETTO AVENUE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG6D
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0070

NPS Station ID: TIMU0070
LAT/LON: 30.432504/ -81.436948
Agency: 21FLWQA
Date Created: 07/18/87
Location: GARDEN GREEK N TRIB.AT PALMETTO AVE 04/X2 F10
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF10030 /SJWMD24
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 3.710
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205053000.10
RF3 Mile Point: 0.09
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0071

NPS Station ID: TIMU0071 LAT/LON: 30.432781/ -81.437226 Agency: 21FLWQA Date Created: 07/18/87
Location: GARDEN CREEK MID TRIB.AT PALMETTO AVE 04/X2 F6D FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SBS10040 /SJWMD23
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103003 RF1 Mile Point: 3.710 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03070205053000.10 RF3 Mile Point: 0.09 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0072

NPS Station ID: TIMU0072 LAT/LON: 30.429170/ -81.437505 Agency: 21FLWQA Date Created: 07/18/87
Location: GARDEN CREEK MID.TRIB.AT PALMETTO AVE 04/X2 FF9 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SFF10020 /SJWMD26
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103003 RF1 Mile Point: 3.710 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03070205046300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0073

NPS Station ID: TIMU0073
LAT/LON: 30.429170/ -81.437781
Agency: 21FLWQA
Date Created: 07/18/87
Location: GARDEN CREEK N.TRIB.AT PALMETTO AVE 04/X2 F6C
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10030 /SJWMD25
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 3.710
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205046300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0073

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0074

NPS Station ID: TIMU0074
LAT/LON: 30.389781/ -81.437920
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R UP FR MAYPORT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030057
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 0.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205072100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM 200 YDS UPSTREAM FROM MAYPORT

Parameter Inventory for Station: TIMU0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	6	3.	3.167	5.	2.	0.967	0.983	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	1	27.9	27.9	27.9	27.9	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	38500.	38500.	38500.	38500.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	42100.	42100.	42100.	42100.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-09/20/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.275	0.275	0.275	0.275	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	1	0.083	0.083	0.083	0.083	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	1	790.	790.	790.	790.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/20/83-09/20/83	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			790.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	33.	33.	33.	33.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	1.519	1.519	1.519	1.519	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	1	6.17	6.17	6.17	6.17	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	5	2.608	2.541	2.931	2.129	0.109	0.33	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	5	10.	11.2	18.	9.	14.7	3.834	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: TIMU0075

NPS Station ID: TIMU0075 | LAT/LON: 30.343337/ -81.438088 | Agency: 21FLA | Date Created: / /
Location: ICWW AT BUOY NO 13 | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 27010003
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080103091 | RF1 Mile Point: 12.790 | Distance from RF1: 2.40 | On/Off RF1: ON
RF3 Index: 03080103297500.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.01 | On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: INTRACOASTAL WATERWAY INTRACOASTAL WATERWAY AT BUOY NO 13

Parameter Inventory for Station: TIMU0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-10/14/76	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-11/15/71	2	24.	24.	28.	20.	32.	5.657	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-11/15/71	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/14/76	3	6.1	5.367	6.5	3.5	2.653	1.629	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-11/15/71	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/71-11/15/71	2	7.7	7.7	7.8	7.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-11/15/71	2	7.689	7.689	7.8	7.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-11/15/71	2	0.02	0.02	0.025	0.016	0.	0.007	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-11/15/71	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-09/14/71	1	25.4	25.4	25.4	25.4	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/15/71-11/15/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-11/15/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-11/15/71	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-11/15/71	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/76-10/14/76	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/71-11/15/71	2	18.	18.	25.	11.	98.	9.899	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-11/15/71	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/14/71-11/15/71	2	0.801	0.801	0.903	0.699	0.021	0.144	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								

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

EPA Water Quality Criteria Analysis for Station: TIMU0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	2	1	0.50	1	0	0.00						
00400	PH	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.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0076

NPS Station ID: TIMU0076
LAT/LON: 30.440560/ -81.438337
Agency: 21FLWQA
Date Created: 07/18/87
Location: FT GEORGE RIVER AT BLUE POINT MARINA 04/X2 FG4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10110 /SJWMD18
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205008300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0076

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0077

NPS Station ID: TIMU0077
LAT/LON: 30.337503/ -81.438337
Agency: 21FLA
Date Created: / /
Location: INTRA WATERWAY #3 MARKER 15
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010114
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080103091
RF1 Mile Point: 12.060
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103009600.53
RF3 Mile Point: 0.53
Distance from RF3: 0.06
On/Off RF3:
Description:
INTRACOASTAL WATERWAY #3 MAYPORT DUVAL COUNTY AT MARKER #15

Parameter Inventory for Station: TIMU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/15/71-10/10/94	66	4.5	6.291	21.	0.2	30.022	5.479	0.2	2.	10.	14.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/71-10/10/94	33	21.2	22.136	32.	11.	27.339	5.229	16.4	18.	26.25	29.
00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	16	1.	1.119	2.5	0.	0.515	0.718	0.07	0.5	1.725	2.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/15/71-04/03/74	9	6.4	6.022	10.	2.5	6.722	2.593	2.5	3.4	8.25	10.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	24	5.55	5.808	12.	1.8	8.047	2.837	2.45	3.225	7.85	10.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	23	0.9	0.904	1.4	0.5	0.056	0.236	0.54	0.8	1.	1.3
00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	8	80.	74.375	100.	40.	781.696	27.959	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	23	50.	56.087	160.	10.	1170.356	34.21	20.	30.	60.	112.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	19	31900.	30407.368	47600.	14000.	93686587.135	9679.183	14040.	23800.	36500.	47000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	31	34500.	31053.871	42100.	5000.	83034956.183	9112.352	15104.	26700.	37000.	40760.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	15	6.6	6.673	8.8	4.	1.602	1.266	4.96	5.8	7.6	8.68
00300	OXYGEN, DISSOLVED MG/L	11/15/71-10/10/94	35	6.3	6.574	8.9	4.7	1.251	1.118	5.08	5.7	7.3	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	11/15/71-10/10/94	34	1.2	1.312	3.2	0.3	0.531	0.729	0.5	0.775	1.7	2.35
00400	PH (STANDARD UNITS)	11/15/71-10/10/94	29	7.6	7.598	8.	7.	0.079	0.28	7.1	7.45	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/15/71-10/10/94	29	7.6	7.501	8.	7.	0.088	0.297	7.1	7.45	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/71-10/10/94	29	0.025	0.032	0.1	0.01	0.001	0.025	0.013	0.016	0.036	0.079
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	24	7.8	7.783	8.1	7.3	0.047	0.216	7.45	7.7	7.9	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/10/94	24	7.8	7.729	8.1	7.3	0.05	0.223	7.45	7.7	7.9	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/10/94	24	0.016	0.019	0.05	0.008	0.	0.01	0.008	0.013	0.02	0.036
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	17	100.	94.647	108.	51.	181.618	13.477	78.2	88.5	103.5	105.6
00435	ACIDITY, TOTAL (MG/L AS CACO3)	11/15/71-06/04/73	7	5.	5.429	10.	0.	11.952	3.457	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/16/80-10/10/94	22	23.	21.891	30.	3.	48.595	6.971	9.23	19.75	26.375	29.7
00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	5	25200.	23614.	30090.	14130.	37245830.	6102.936	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	5	3592.	3814.4	4860.	2910.	564722.3	751.48	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	5	21730.	19922.	25840.	11220.	31222370.	5587.698	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-05/15/73	6	23405.	19642.833	30040.	27.	122075884.167	11048.796	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	33	33.	37.636	96.	10.	492.239	22.186	12.8	19.	51.	71.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/08/73-10/10/94	31	7.	9.677	30.	1.	47.759	6.911	3.	5.	13.	20.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	32	23.5	27.719	76.	5.	340.338	18.448	9.	13.5	37.75	59.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/10/94	22	0.03	0.065	0.37	0.	0.008	0.089	0.005	0.014	0.071	0.219
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	2 ##	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	11	0.06	0.131	0.51	0.	0.028	0.168	0.001	0.005	0.3	0.472
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	21	0.56	0.539	0.89	0.04	0.046	0.214	0.162	0.387	0.675	0.846
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	19	0.1	0.106	0.3	0.02	0.006	0.076	0.025	0.04	0.16	0.23
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	27	0.097	0.117	0.31	0.022	0.004	0.065	0.054	0.075	0.15	0.219

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

Parameter Inventory for Station: TIMU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	6	2500.	2841.667	4200.	1800.	1208416.667	1099.28	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/08/73-10/22/90	8	13565.5	13041.375	18270.	9000.	7875637.982	2806.357	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/06/92	6	0.72	0.675	0.8	0.37	0.025	0.159	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-10/10/94	11	200.	690.182	3200.	32.	1429174.164	1195.481	36.2	87.	320.	3160.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/22/90-10/10/94	11	2.301	2.347	3.505	1.505	0.409	0.639	1.549	1.94	2.505	3.5
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			222.085								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/15/71-01/08/92	20	640.	1192.6	4900.	17.	2219549.095	1489.815	33.7	116.75	1600.	4470.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/15/71-01/08/92	20	2.794	2.643	3.69	1.23	0.55	0.742	1.527	2.014	3.201	3.648
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			439.882								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-01/08/92	3	47.	34.667	50.	7.	576.333	24.007	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/22/90-01/08/92	3	1.672	1.405	1.699	0.845	0.236	0.485	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			25.432								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	410.	491.25	1300.	120.	158326.786	397.903	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	2.604	2.563	3.114	2.079	0.134	0.366	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			365.966								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/73-01/08/92	18	180.	293.722	1100.	5.	101549.624	318.669	6.8	33.	502.5	821.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/08/73-01/08/92	18	2.238	2.088	3.041	0.699	0.506	0.711	0.83	1.519	2.701	2.912
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			122.372								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/10/94	8	35.	168.5	750.	10.	70008.857	264.592	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/10/94	8	1.5	1.726	2.875	1.	0.508	0.712	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			53.176								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	19.	19.	30.	8.	242.	15.556	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	1.19	1.19	1.477	0.903	0.165	0.406	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			15.492								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	4	3.525	3.625	5.12	2.33	1.461	1.209	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-04/06/92	12	0.066	0.076	0.16	0.02	0.002	0.047	0.023	0.033	0.112	0.157
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/22/90-10/22/90	1	250.	250.	250.	250.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	24	11.15	14.388	34.	2.5	96.881	9.843	3.5	6.	21.75	31.9
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	10/07/85-10/22/90	5	3.016	2.587	3.52	0.279	1.725	1.313	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	10/07/85-10/22/90	5	12.	11.8	18.	4.	26.2	5.119	**	**	**	**
82257	BIOTIC INDEX (SPECIES) INDEX	10/22/90-10/22/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	4	0	0.00	5	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	24	0	0.00	16	0	0.00	8	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	15	1	0.07	10	1	0.10	5	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	0	0.00	21	0	0.00	14	0	0.00						
00400	PH	Marine Chronic	8.5	29	0	0.00	19	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	29	0	0.00	19	0	0.00	10	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	24	0	0.00	16	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	24	0	0.00	16	0	0.00	8	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	2	0.18	7	2	0.29	4	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	20	8	0.40	12	4	0.33	8	4	0.50						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	6	0.75	4	2	0.50	4	4	1.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	9	0.50	12	5	0.42	6	4	0.67						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	2	0.25	5	2	0.40	3	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/15/71-10/10/94	40	4.5	6.51	21.	0.2	32.566	5.707	0.2	1.25	10.	16.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/71-10/10/94	21	25.	24.895	32.	19.	16.035	4.004	19.26	21.	28.65	30.6
00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	11	1.	1.1	2.5	0.	0.67	0.819	0.02	0.5	2.	2.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	16	5.5	5.881	12.	1.8	8.804	2.967	2.15	3.925	7.825	11.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	16	0.9	0.916	1.4	0.5	0.052	0.227	0.605	0.8	1.	1.33
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	15	50.	58.667	160.	10.	1498.095	38.705	16.	30.	70.	136.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	12	31750.	31520.	47600.	14040.	109356072.727	10457.345	14328.	25325.	36875.	47420.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	19	32300.	30886.579	42100.	5000.	83196866.813	9121.232	13880.	28400.	35560.	41000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	10	6.05	6.15	7.6	4.	1.032	1.016	4.16	5.675	6.975	7.56
00300p	OXYGEN, DISSOLVED MG/L	11/15/71-10/10/94	21	6.2	6.048	7.3	4.7	0.61	0.781	4.74	5.5	6.4	7.18
00310p	BOD, 5 DAY, 20 DEG C MG/L	11/15/71-10/10/94	21	1.2	1.329	3.2	0.4	0.473	0.688	0.62	0.8	1.7	2.3
00400p	PH (STANDARD UNITS)	11/15/71-10/10/94	19	7.6	7.559	7.95	7.	0.073	0.271	7.1	7.4	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	11/15/71-10/10/94	19	7.6	7.474	7.95	7.	0.081	0.285	7.1	7.4	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/71-10/10/94	19	0.025	0.034	0.1	0.011	0.001	0.024	0.013	0.016	0.04	0.079
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	16	7.75	7.744	8.1	7.3	0.059	0.242	7.37	7.525	7.975	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/10/94	16	7.747	7.68	8.1	7.3	0.063	0.251	7.37	7.525	7.975	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/10/94	16	0.018	0.021	0.05	0.008	0.	0.012	0.008	0.011	0.03	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	10	97.5	92.6	108.	51.	292.933	17.115	54.4	85.	105.	107.7
00480	SALINITY - PARTS PER THOUSAND	06/16/80-10/10/94	14	23.	20.964	30.	3.	57.826	7.604	5.5	18.625	25.625	29.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	20	34.5	40.55	96.	12.	668.892	25.863	12.2	20.5	55.25	91.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/08/73-10/10/94	20	7.5	10.3	30.	3.	53.484	7.313	3.	4.25	16.	20.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	20	23.	29.75	76.	5.	467.461	21.621	8.1	13.5	38.75	74.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/10/94	13	0.03	0.088	0.37	0.005	0.012	0.109	0.007	0.019	0.13	0.318
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	9	0.058	0.118	0.51	0.	0.03	0.173	0.	0.004	0.185	0.51
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	13	0.51	0.511	0.89	0.04	0.067	0.259	0.072	0.347	0.695	0.886
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	11	0.1	0.129	0.3	0.025	0.007	0.081	0.032	0.07	0.17	0.286
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	17	0.119	0.135	0.31	0.05	0.005	0.072	0.054	0.09	0.157	0.286
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	16	11.15	14.394	34.	2.5	91.674	9.575	2.85	6.25	21.75	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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/15/71-10/10/94	26	5.	5.954	17.	0.2	27.06	5.202	0.2	2.	10.25	14.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/71-10/10/94	12	17.95	17.308	22.	11.	10.415	3.227	11.3	16.25	18.45	21.91
00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	5	1.	1.16	1.8	0.5	0.253	0.503	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	8	5.55	5.663	10.	2.6	7.537	2.745	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	7	0.9	0.879	1.3	0.5	0.075	0.274	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	8	55.	51.25	100.	20.	641.071	25.319	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	7	31900.	28500.	38000.	14000.	73853333.333	8593.796	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	12	34912.5	31318.75	41200.	8500.	90193764.205	9497.04	11950.	26175.	37800.	40780.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	5	7.6	7.72	8.8	6.	1.232	1.11	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	11/15/71-10/10/94	14	7.6	7.364	8.9	5.3	1.213	1.101	5.4	6.55	8.3	8.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	11/15/71-10/10/94	13	1.2	1.285	3.	0.3	0.671	0.819	0.3	0.75	1.85	2.76
00400p	PH (STANDARD UNITS)	11/15/71-10/10/94	10	7.7	7.67	8.	7.	0.089	0.298	7.05	7.5	7.9	7.99
00400p	CONVERTED PH (STANDARD UNITS)	11/15/71-10/10/94	10	7.689	7.557	8.	7.	0.103	0.321	7.05	7.5	7.9	7.99
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/71-10/10/94	10	0.02	0.028	0.1	0.01	0.001	0.027	0.01	0.013	0.032	0.093
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	8	7.9	7.863	8.1	7.7	0.017	0.13	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/10/94	8	7.9	7.846	8.1	7.7	0.017	0.131	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/10/94	8	0.013	0.014	0.02	0.008	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	7	100.	97.571	102.	90.	27.952	5.287	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/16/80-10/10/94	8	24.5	23.513	30.	12.1	33.673	5.803	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	13	33.	33.154	52.	10.	217.641	14.753	12.	17.5	49.	52.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/08/73-10/10/94	11	7.	8.545	24.	1.	39.473	6.283	1.2	5.	11.	21.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	12	24.	24.333	41.	9.	131.697	11.476	9.	13.5	36.	40.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/71-10/10/94	9	0.025	0.031	0.073	0.	0.001	0.027	0.	0.008	0.06	0.073

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

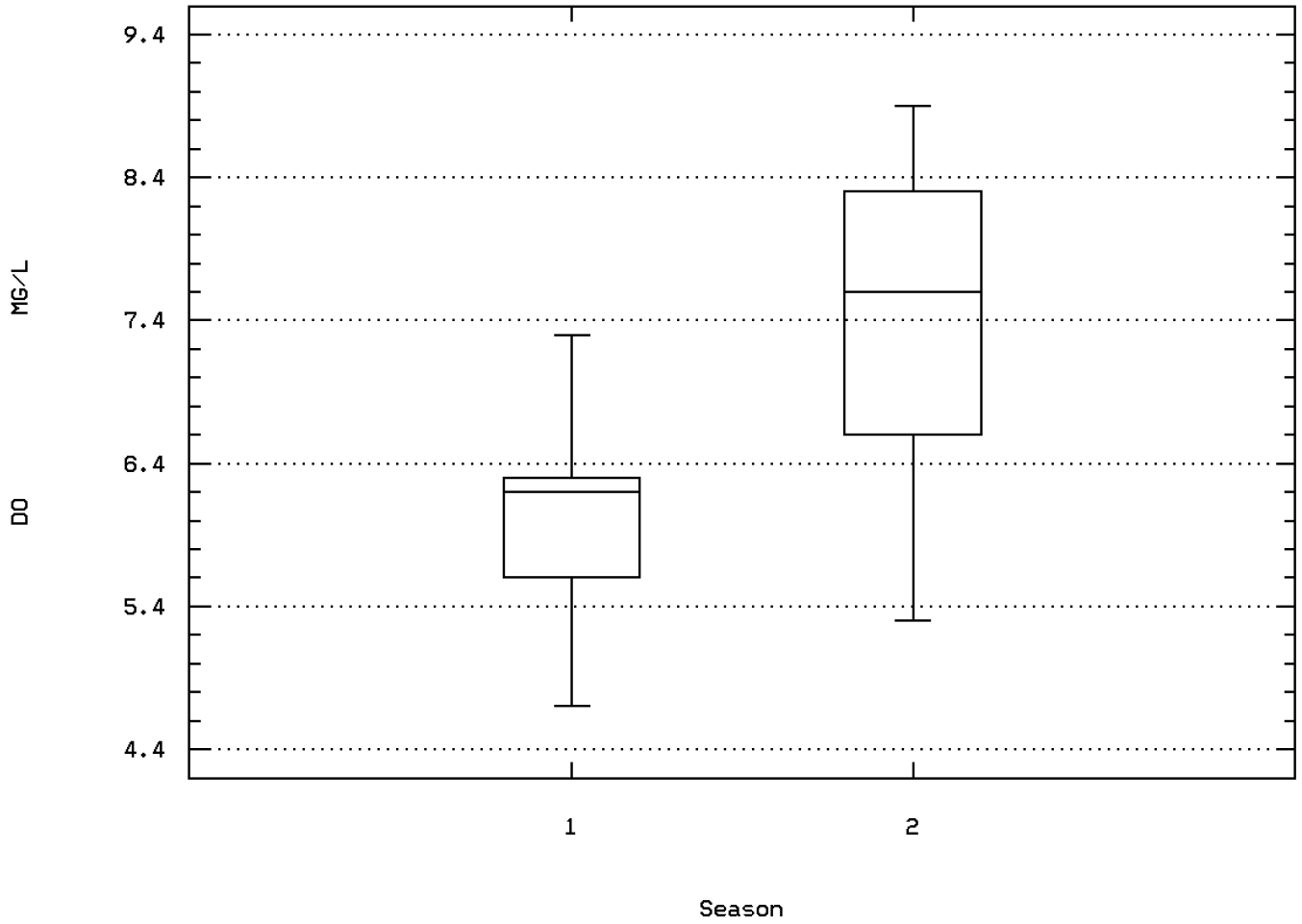
Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	2	0.19	0.19	0.32	0.06	0.034	0.184	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	8	0.609	0.583	0.69	0.36	0.011	0.106	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	8	0.045	0.074	0.16	0.02	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	10	0.083	0.086	0.18	0.022	0.002	0.039	0.027	0.072	0.092	0.172
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	8	10.6	14.375	33.8	4.	121.879	11.04	**	**	**	**

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

Station: TIMU0077 Parameter Code: 00300

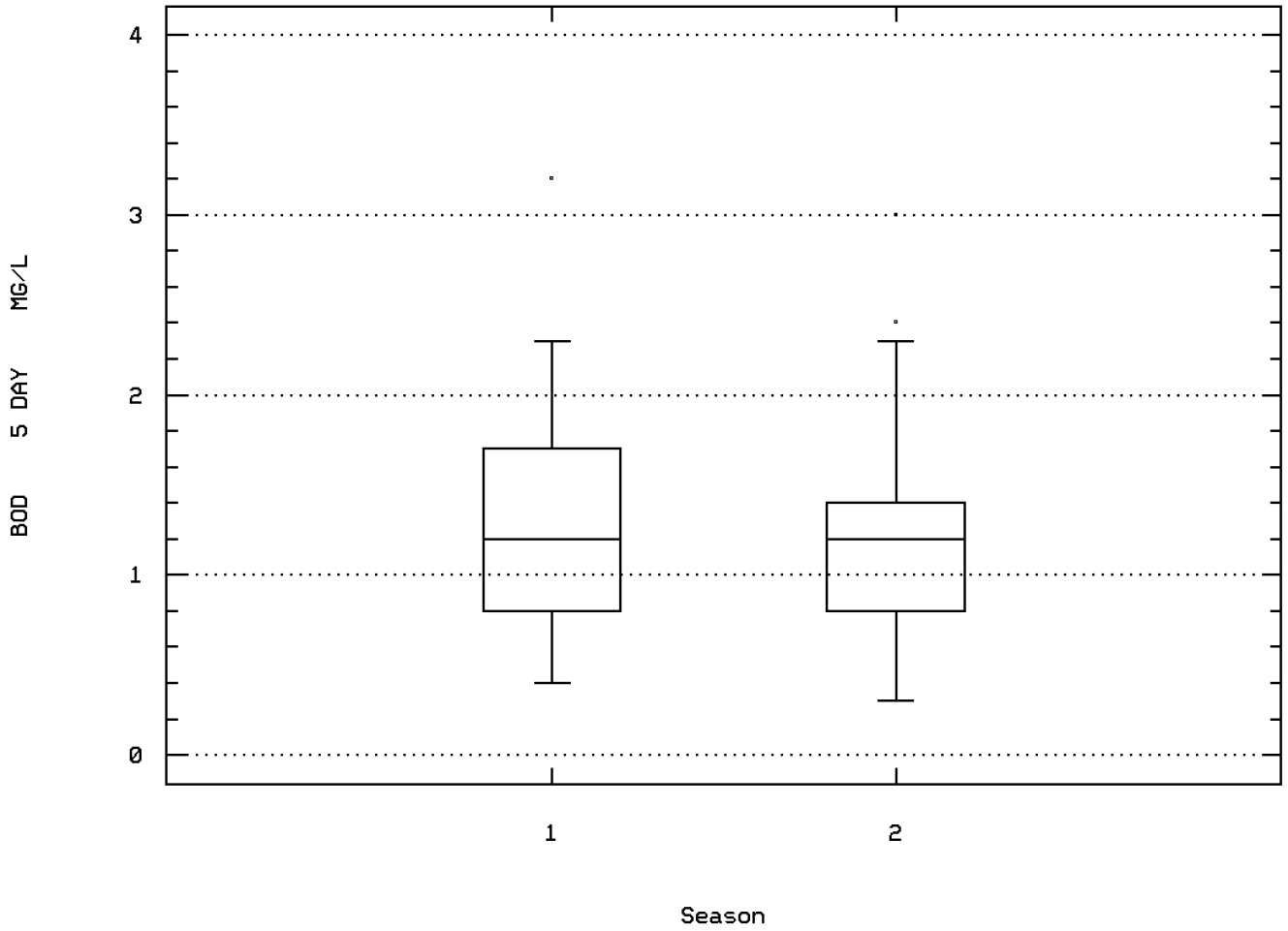
OXYGEN, DISSOLVED



INTRA WATERWAY #3 MARKER 15

Station: TIMU0077 Parameter Code: 00310

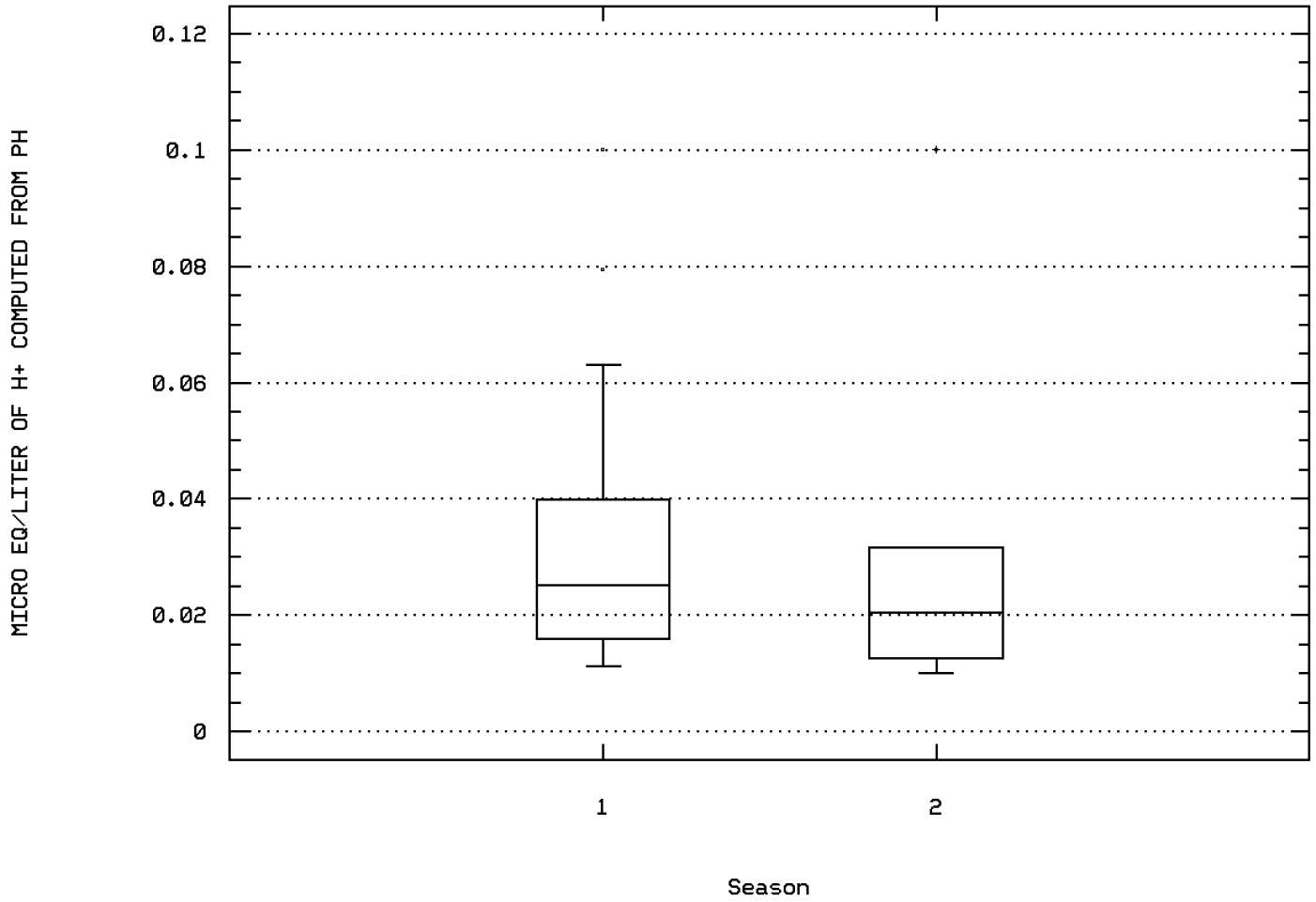
BOD, 5 DAY, 20 DEG C



INTRA WATERWAY #3 MARKER 15

Station: TIMU0077 Parameter Code: 00400

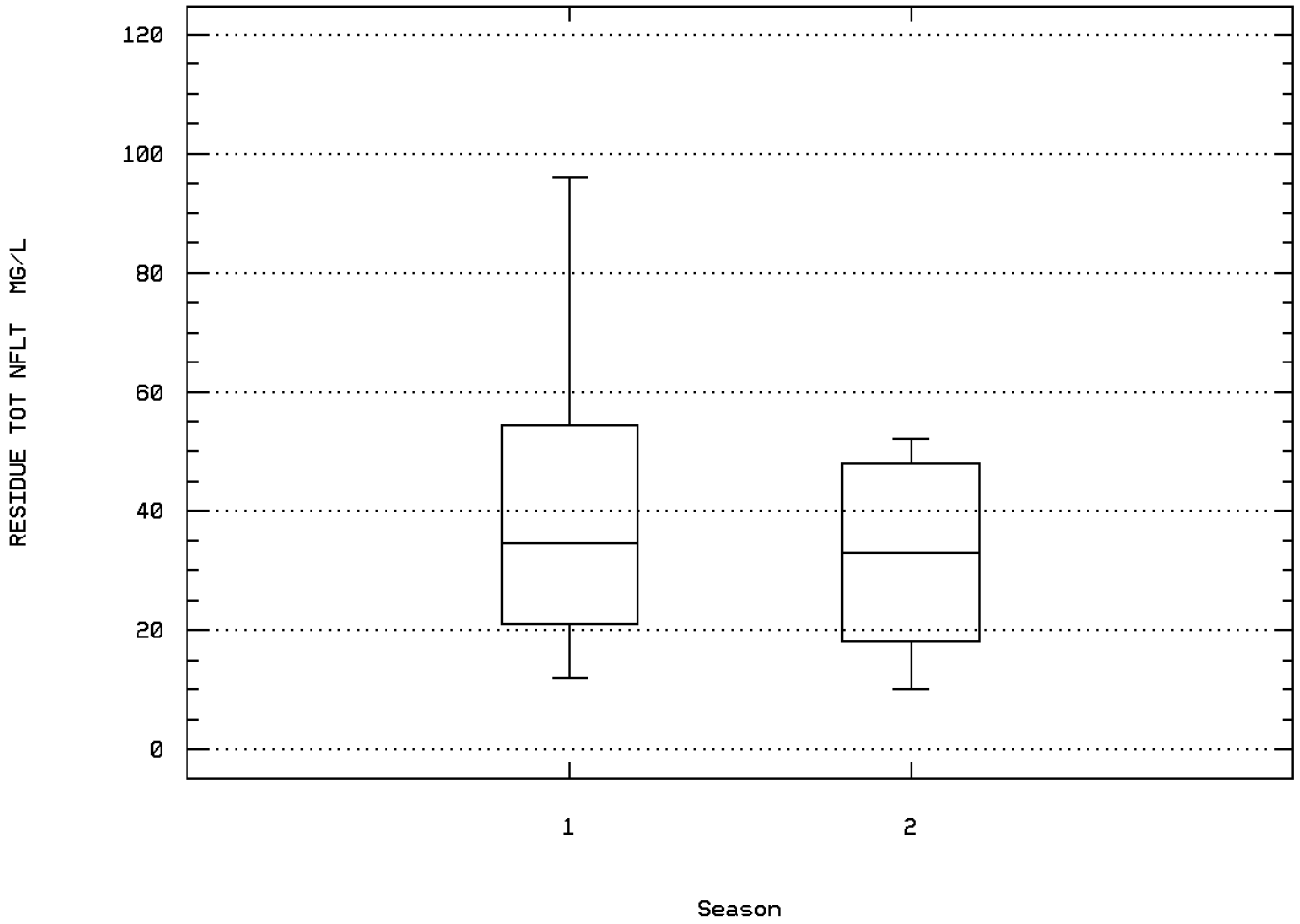
MICRO EQ/LITER OF H+ COMPUTED FROM PH



INTRA WATERWAY #3 MARKER 15

Station: TIMU0077 Parameter Code: 00530

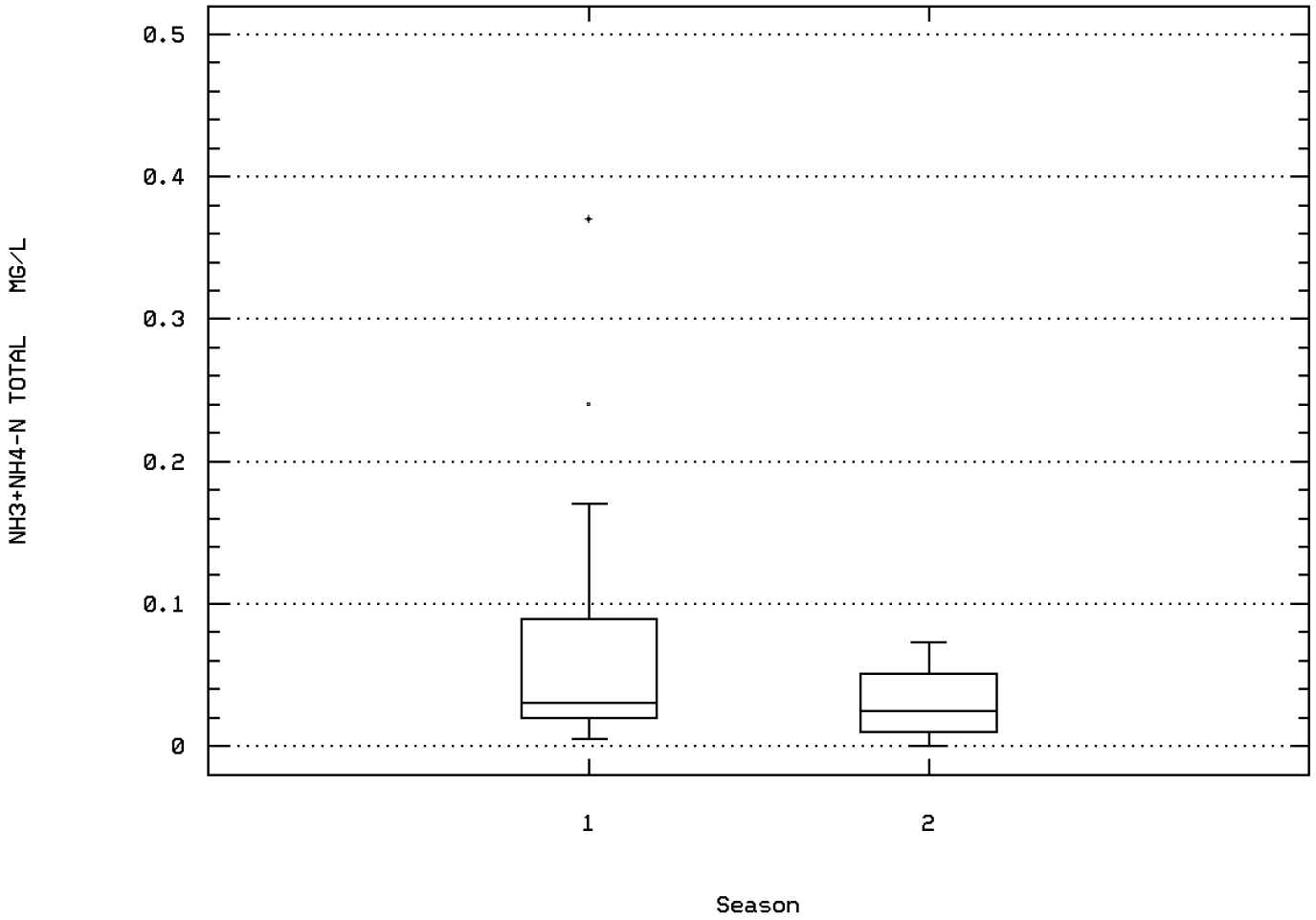
RESIDUE, TOTAL NONFILTRABLE (MG/L)



INTRA WATERWAY #3 MARKER 15

Station: TIMU0077 Parameter Code: 00610

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



INTRA WATERWAY #3 MARKER 15

Station Inventory for Station: TIMU0078

NPS Station ID: TIMU0078
LAT/LON: 30.324449/ -81.438892
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: INTRACOASTAL WATERWAY AT ATLANTIC BLVD.
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RR0010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 03080103009108.60
RF3 Mile Point: 8.60
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/83-03/25/91	45	21.7	22.178	31.	10.	30.729	5.543	14.48	17.5	27.4	29.62
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-03/25/91	7	21.	19.	33.	3.	89.667	9.469	**	**	**	**
00032	CLOUD COVER (PERCENT)	05/16/89-03/25/91	5	0.	3.	15.	0.	45.	6.708	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/07/89-03/25/91	6	7.	7.5	12.	5.	5.9	2.429	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/14/91-03/25/91	2	1.3	1.3	1.7	0.9	0.32	0.566	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/10/85-03/25/91	31	3800.	12133.968	48300.	17.	310260138.099	17614.203	22.6	33.	29000.	43700.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	45	6.8	6.662	13.1	3.8	2.631	1.622	4.6	5.7	7.45	8.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/05/83-12/14/83	2	1.5	1.5	1.8	1.2	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	12/14/83-03/25/91	41	7.57	7.39	8.16	6.5	0.245	0.495	6.5	7.	7.705	8.016
00400	CONVERTED PH (STANDARD UNITS)	12/14/83-03/25/91	41	7.57	7.107	8.16	6.5	0.327	0.572	6.5	7.	7.705	8.016
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/83-03/25/91	41	0.027	0.078	0.316	0.007	0.01	0.098	0.01	0.02	0.1	0.316
00406	PH, FIELD, STANDARD UNITS SU	12/14/83-03/25/91	41	7.6	7.395	8.2	6.5	0.249	0.499	6.5	7.	7.7	8.
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/14/83-03/25/91	41	7.6	7.109	8.2	6.5	0.334	0.578	6.5	7.	7.7	8.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/83-03/25/91	41	0.025	0.078	0.316	0.006	0.01	0.098	0.01	0.02	0.1	0.316
00480	SALINITY - PARTS PER THOUSAND	06/02/87-03/25/91	22	26.6	26.291	33.	17.4	26.489	5.147	17.59	23.6	31.15	31.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	35	50.	58.829	128.	29.	474.97	21.794	38.8	45.	75.	90.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/83-12/14/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/83-03/25/91	34 ##	0.01	0.044	0.27	0.005	0.004	0.062	0.006	0.007	0.077	0.12
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/83-03/25/91	14	0.563	0.645	1.62	0.03	0.161	0.401	0.15	0.4	0.825	1.41
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/14/83-03/25/91	34	0.05	0.082	0.34	0.003	0.007	0.084	0.01	0.014	0.13	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	34	0.114	0.123	0.32	0.014	0.003	0.059	0.055	0.092	0.153	0.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-03/25/91	17	5100.	4755.294	6800.	900.	2547976.471	1596.238	2052.	3400.	6000.	6480.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	35	15000.	14262.857	20000.	4000.	12088285.714	3476.821	9560.	12600.	17000.	18000.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-01/14/91	6 ##	0.75	0.833	2.	0.	0.467	0.683	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	30	215.	261.6	1000.	53.	29781.076	172.572	85.7	160.	318.25	398.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-01/14/91	6 ##	0.5	0.417	0.5	0.	0.042	0.204	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	01/14/91-03/25/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-03/25/91	11	3.	77.318	650.	0.5	38277.064	195.645	0.5	1.	18.	552.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/25/91	4	156.	303.125	900.	0.5	179521.729	423.7	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-03/25/91	27	30.	43.241	180.	2.	1890.584	43.481	5.2	12.	68.	112.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-03/25/91	10	335.	668.	2800.	130.	635262.222	797.033	133.	220.	822.5	2609.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-03/25/91	24 ##	1.5	3.958	49.	0.5	94.629	9.728	0.5	0.5	3.	5.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-03/25/91	30 ##	5.	15.917	68.	0.5	396.691	19.917	2.	3.	20.25	59.7
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	06/26/84-03/25/91	15	24.	49.9	150.	0.5	2793.186	52.851	0.5	1.5	100.	132.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	30	16.	47.083	270.	2.	4029.657	63.48	4.	5.	56.5	144.5
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-03/25/91	3	14.	14.	18.	10.	16.	4.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	01/14/91-03/25/91	2	14.	14.	15.	13.	2.	1.414	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	32	120.	273.	2300.	10.	183781.677	428.698	20.6	46.	332.5	703.

** - Less than 9 observations ## - 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: TIMU0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-03/25/91	32	2.078	2.11	3.362	1.	0.312	0.559	1.313	1.653	2.52	2.838
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			128.747								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	35	40.	115.057	920.	1.	40555.35	201.384	9.2	20.	110.	284.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	35	1.602	1.657	2.964	0.	0.378	0.615	0.961	1.301	2.041	2.446
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.395								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-01/14/91	8 ##	0.275	0.31	0.6	0.03	0.055	0.234	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/14/84-03/25/91	7	6.	6.7	9.7	4.	4.8	2.191	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	35	4.4	4.771	12.	2.	5.604	2.367	2.52	3.1	5.	8.4
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/14/84-03/25/91	9	6.	5.967	9.7	1.2	6.928	2.632	1.2	4.3	8.3	9.7

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

EPA Water Quality Criteria Analysis for Station: TIMU0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	45	1	0.02	23	1	0.04	22	0	0.00						
00400	PH	Marine Chronic	8.5	41	0	0.00	20	0	0.00	21	0	0.00						
		Other-Lo Lim.	6.5	41	5	0.12	20	2	0.10	21	3	0.14						
00406	PH, FIELD	Marine Chronic	8.5	41	0	0.00	20	0	0.00	21	0	0.00						
		Other-Lo Lim.	6.5	41	5	0.12	20	2	0.10	21	3	0.14						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	2	0	0.00				2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	11	2	0.18	7	2	0.29	4	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	3 &	3	1.00	1	1	1.00	2	2	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	26 &	2	0.08	16	2	0.13	10	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	24	1	0.04	14	1	0.07	10	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	30	0	0.00	19	0	0.00	11	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	24 &	23	0.96	15	15	1.00	9	8	0.89						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	2	0	0.00				2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	32	1	0.03	19	0	0.00	13	1	0.08						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	35	4	0.11	20	1	0.05	15	3	0.20						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	4	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	35	0	0.00	20	0	0.00	15	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/83-03/25/91	23	26.8	26.578	31.	20.6	10.228	3.198	22.44	23.3	29.2	30.92
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	23	5.7	5.713	7.4	3.8	1.133	1.064	4.44	4.6	6.8	7.14
00400	PH (STANDARD UNITS)	12/14/83-03/25/91	20	7.45	7.372	8.08	6.5	0.237	0.487	6.53	7.	7.655	8.074
00400	CONVERTED PH (STANDARD UNITS)	12/14/83-03/25/91	20	7.447	7.114	8.08	6.5	0.307	0.554	6.53	7.	7.655	8.074
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/83-03/25/91	20	0.036	0.077	0.316	0.008	0.009	0.092	0.008	0.022	0.1	0.3
00406	PH, FIELD, STANDARD UNITS SU	12/14/83-03/25/91	20	7.45	7.375	8.1	6.5	0.24	0.49	6.53	7.	7.675	8.09
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/14/83-03/25/91	20	7.447	7.114	8.1	6.5	0.311	0.558	6.53	7.	7.675	8.09
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/83-03/25/91	20	0.036	0.077	0.316	0.008	0.009	0.093	0.008	0.021	0.1	0.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	20	58.	62.95	128.	40.	509.208	22.566	41.2	45.25	78.5	91.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/83-03/25/91	19 ##	0.007	0.034	0.27	0.005	0.004	0.065	0.006	0.006	0.022	0.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/14/83-03/25/91	19	0.04	0.08	0.27	0.005	0.007	0.083	0.01	0.01	0.13	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	19	0.129	0.13	0.32	0.036	0.005	0.068	0.06	0.082	0.15	0.25
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	20	15800.	15630.	20000.	10000.	6312736.842	2512.516	12600.	13825.	17875.	18630.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	17	220.	251.765	448.	53.	12489.441	111.756	76.2	194.5	349.5	409.6
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-03/25/91	16	30.	47.906	180.	5.5	2147.407	46.34	8.65	14.25	66.	131.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-03/25/91	14 ##	2.75	5.536	49.	0.5	158.556	12.592	0.5	0.5	3.25	27.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-03/25/91	19	10.	18.789	68.	0.5	446.009	21.119	2.5	4.5	22.	68.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	18	46.	63.444	270.	4.	5109.673	71.482	4.9	5.	86.75	188.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	19	110.	164.579	790.	10.	38010.035	194.962	11.	33.	220.	500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-03/25/91	19	2.041	1.943	2.898	1.	0.286	0.535	1.041	1.519	2.342	2.699
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			87.747								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	20	31.5	59.15	240.	1.	4148.029	64.405	4.4	14.	102.5	167.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	20	1.498	1.485	2.38	0.	0.344	0.587	0.632	1.135	2.007	2.222
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.584								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	20	4.7	4.62	9.	2.	3.491	1.868	2.42	3.025	5.8	7.85

** - 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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/83-03/25/91	22	17.5	17.577	21.7	10.	10.289	3.208	13.8	15.475	20.25	21.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	22	7.35	7.655	13.1	6.	2.307	1.519	6.	6.75	8.225	9.11
00400	PH (STANDARD UNITS)	12/14/83-03/25/91	21	7.57	7.407	8.16	6.5	0.265	0.515	6.5	7.	7.72	8.
00400	CONVERTED PH (STANDARD UNITS)	12/14/83-03/25/91	21	7.57	7.101	8.16	6.5	0.363	0.602	6.5	7.	7.72	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/83-03/25/91	21	0.027	0.079	0.316	0.007	0.011	0.104	0.01	0.019	0.1	0.316
00406	PH, FIELD, STANDARD UNITS SU	12/14/83-03/25/91	21	7.6	7.414	8.2	6.5	0.27	0.52	6.5	7.	7.7	8.
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/14/83-03/25/91	21	7.6	7.103	8.2	6.5	0.372	0.61	6.5	7.	7.7	8.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/83-03/25/91	21	0.025	0.079	0.316	0.006	0.011	0.105	0.01	0.02	0.1	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	15	47.	53.333	103.	29.	405.81	20.145	30.2	40.	66.	90.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/83-03/25/91	15	0.034	0.057	0.209	0.006	0.003	0.058	0.006	0.01	0.09	0.155
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/14/83-03/25/91	15	0.06	0.086	0.34	0.003	0.008	0.087	0.007	0.03	0.13	0.238
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	15	0.105	0.115	0.18	0.014	0.002	0.045	0.036	0.098	0.16	0.176
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	15	13500.	12440.	17000.	4000.	14559714.286	3815.719	6700.	10000.	15500.	17000.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	13	200.	274.462	1000.	70.	55002.103	234.525	98.	155.	305.	752.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-03/25/91	11	18.	36.455	120.	2.	1608.923	40.111	2.4	8.5	80.	113.2
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-03/25/91	10 ##	0.75	1.75	5.	0.5	3.514	1.875	0.5	0.5	3.5	5.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-03/25/91	11 ##	5.	10.955	61.	0.5	304.823	17.459	0.8	2.	10.	52.8
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	12	8.5	22.542	145.	2.	1631.794	40.395	2.3	4.375	15.25	115.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	13	240.	431.462	2300.	20.	371939.436	609.868	43.6	110.	425.	1748.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-03/25/91	13	2.38	2.353	3.362	1.301	0.27	0.52	1.54	2.041	2.622	3.203
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			225.471								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	15	50.	189.6	920.	10.	82443.4	287.13	16.	22.	170.	848.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	15	1.699	1.886	2.964	1.	0.353	0.594	1.181	1.342	2.23	2.927
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			76.859								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	15	4.	4.973	12.	2.4	8.795	2.966	2.76	3.1	5.	12.

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

Station Inventory for Station: TIMU0079

NPS Station ID: TIMU0079
LAT/LON: 30.384559/ -81.438753
Agency: 21FLA
Date Created: 01/11/97
Location: ST JOHNS R NE SHERMAN PT WWTP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030464
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST JOHNS RIVER APPROX 300 FT NORTHEAST SHERMAN POINT WWTP OUTFALL NEAR SOUTH SHORE

Parameter Inventory for Station: TIMU0079

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0080

NPS Station ID: TIMU0080 LAT/LON: 30.444892/ -81.439281 Agency: 11NPSWRD Date Created: 10/24/98
Location: MOUTH MUD R AT CONFLUENCE WITH THE FT GEORGE R FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG05
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 05 WAS AT THE MOUTH OF MUD RIVER AT THE CONFLUENCE WITH THE FORT GEORGE RIVER INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	5	0.	1.8	7.	0.	9.2	3.033	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/86-08/06/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/06/85-11/06/85	1	350.	350.	350.	350.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/06/85-11/06/85	1	2.544	2.544	2.544	2.544	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			350.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/06/85-11/06/85	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
82079	TURBIDITY, LAB	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: TIMU0081

NPS Station ID: TIMU0081
LAT/LON: 30.445837/ -81.439448
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: MUD RIVER - MOUTH
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0082

NPS Station ID: TIMU0082
LAT/LON: 30.445837/ -81.439448
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: MUD RIVER AT MOUTH
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG0005
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 03070205000710.05
RF3 Mile Point: 10.45
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	7	19.	17.657	29.2	9.7	43.733	6.613	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	7	28200.	29914.286	44000.	8000.	135581428.571	11643.944	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	7	9.4	9.314	10.2	7.6	0.841	0.917	**	**	**	**
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	5	6.9	6.82	7.3	6.	0.237	0.487	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	5	6.9	6.552	7.3	6.	0.327	0.571	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	5	0.126	0.28	1.	0.05	0.163	0.403	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	5	0.012	0.012	0.019	0.007	0.	0.005	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	5	0.09	0.095	0.21	0.005	0.007	0.083	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	5	202.	185.9	340.	47.5	18116.55	134.598	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	5	14.	17.5	40.	8.5	165.5	12.865	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	5 ##	0.5	1.07	3.	0.35	1.225	1.107	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	5 ##	4.	4.8	8.	3.5	3.575	1.891	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	5	2.	3.6	9.	1.	11.8	3.435	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	5	14.	26.7	79.	3.5	913.45	30.223	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	5	90.	196.8	540.	1.	57139.7	239.039	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	5	1.954	1.542	2.732	0.	1.526	1.235	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.799								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	5	90.	108.8	340.	1.	19155.7	138.404	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	5	1.954	1.401	2.531	0.	1.203	1.097	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.168								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-07/09/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/15/86-12/10/86	2	4.15	4.15	4.3	4.	0.045	0.212	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00	4	0	0.00						
00400	PH	Marine Chronic	8.5	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						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	5	0	0.00	3	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	5	0	0.00	3	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	5	0	0.00	3	0	0.00	2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	4 &	4	1.00	2	2	1.00	2	2	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	1	0.20	3	1	0.33	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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: TIMU0083

NPS Station ID: TIMU0083 | LAT/LON: 30.327504/ -81.439671 | Agency: 21FLA | Date Created: / /
Location: DUVAL CO AT CL BUOY 19 NR ATL BL | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 27010115
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080103091 | RF1 Mile Point: 10.690 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103009101.89 | RF3 Mile Point: 2.47 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: INTRACOASTAL WATERWAY INTRACOASTAL WATERWAY #4
DUVAL COUNTY AT CAN BUOY #19 NEAR ATLANTIC BLVD

Parameter Inventory for Station: TIMU0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/11/72-04/22/91	31	6.	5.814	12.	0.02	13.144	3.625	1.	2.	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/72-04/22/91	21	23.	22.41	32.	11.	31.552	5.617	12.8	18.75	26.25	29.
00055	VELOCITY, STREAM FT/SEC	03/09/83-04/22/91	7	1.8	1.4	2.5	0.	0.837	0.915	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/11/72-04/03/74	8	5.3	5.725	10.	2.7	6.711	2.591	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	12	6.5	6.95	14.	1.4	19.046	4.364	1.64	2.625	11.75	13.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	12	1.	1.113	2.5	0.5	0.248	0.498	0.59	0.825	1.2	2.17
00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	8	80.	88.125	150.	40.	1956.696	44.235	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	11	40.	51.818	160.	10.	1616.364	40.204	12.	30.	60.	142.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/22/90	9	29700.	27312.222	44200.	12500.	122983094.444	11089.774	12500.	16805.	36000.	44200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	19	34603.	31150.368	42100.	8600.	74239533.468	8616.237	13690.	29000.	36000.	38000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-04/22/91	7	6.3	6.514	8.9	5.4	1.471	1.213	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/11/72-04/22/91	22	6.4	6.355	8.8	4.6	1.249	1.118	4.93	5.425	7.075	7.94
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/72-04/22/91	20	1.2	1.25	3.	0.	0.682	0.826	0.32	0.6	1.6	2.59
00400	PH (STANDARD UNITS)	12/11/72-04/22/91	17	7.55	7.596	8.05	7.15	0.08	0.283	7.19	7.33	7.85	8.034
00400	CONVERTED PH (STANDARD UNITS)	12/11/72-04/22/91	17	7.55	7.514	8.05	7.15	0.088	0.296	7.19	7.33	7.85	8.034
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/72-04/22/91	17	0.028	0.031	0.071	0.009	0.	0.019	0.009	0.014	0.047	0.065
00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	12	7.7	7.75	8.1	7.4	0.045	0.211	7.43	7.6	7.9	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-04/22/91	12	7.7	7.704	8.1	7.4	0.047	0.216	7.43	7.6	7.9	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-04/22/91	12	0.02	0.02	0.04	0.008	0.	0.009	0.009	0.013	0.025	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-04/22/91	7	100.	96.	108.	80.	94.667	9.73	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	5	7.	6.8	10.	2.	11.7	3.421	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/16/80-04/22/91	10	22.75	21.52	30.	8.	43.515	6.597	8.52	18.3	25.125	29.85
00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	5	24560.	23326.	28400.	13650.	33542480.	5791.587	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	5	3572.	3627.	4746.	2295.	826188.5	908.949	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	5	20990.	19698.	24980.	11350.	26544470.	5152.133	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/11/72-05/15/73	5	24510.	23274.	28330.	13620.	33396530.	5778.973	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/11/72-04/22/91	20	47.5	44.15	90.	11.	517.397	22.746	13.5	21.25	60.5	76.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	20	10.5	11.6	27.	2.	45.832	6.77	2.1	7.25	16.5	21.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	20	32.	32.55	73.	6.	366.892	19.154	9.1	15.5	43.75	66.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/02/77-10/22/90	11 ##	0.03	0.061	0.26	0.005	0.007	0.081	0.005	0.01	0.069	0.242
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	2	0.007	0.007	0.01	0.003	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	11	0.07	0.162	0.56	0.	0.037	0.191	0.001	0.039	0.28	0.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	11	0.34	0.383	0.77	0.005	0.059	0.244	0.028	0.18	0.618	0.742

** - Less than 9 observations ## - 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: TIMU0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-04/22/91	9	0.11	0.123	0.29	0.03	0.006	0.075	0.03	0.075	0.155	0.29
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	17	0.12	0.166	0.437	0.053	0.01	0.101	0.067	0.092	0.233	0.317
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	6	1500.	2028.333	4600.	180.	4412736.667	2100.651	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/72-10/22/90	9	13700.	13196.667	18030.	10000.	5531650.	2351.946	10000.	11170.	14040.	18030.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/22/91	4	0.635	0.6	0.77	0.36	0.032	0.178	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	1	75.	75.	75.	75.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-04/22/91	2	95.	95.	110.	80.	450.	21.213	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/22/90-04/22/91	2	1.972	1.972	2.041	1.903	0.01	0.098	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			93.808								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/11/72-01/05/87	18	495.	1130.222	4900.	4.	1783645.595	1335.532	45.4	130.	1825.	3460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/11/72-01/05/87	18	2.695	2.639	3.69	0.602	0.604	0.777	1.589	2.114	3.258	3.536
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			435.086								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-04/22/91	2	38.5	38.5	47.	30.	144.5	12.021	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/22/90-04/22/91	2	1.575	1.575	1.672	1.477	0.019	0.138	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			37.55								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	255.	354.	790.	33.	93428.857	305.661	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	2.387	2.353	2.898	1.519	0.241	0.491	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			225.262								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	18	135.	228.889	790.	1.	65771.516	256.46	10.	33.	370.	790.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	18	2.13	1.972	2.898	0.	0.562	0.75	0.937	1.519	2.561	2.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			93.74								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2 ##	10.75	10.75	20.	1.5	171.125	13.081	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2 ##	0.739	0.739	1.301	0.176	0.633	0.795	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			5.477								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	4	2.595	3.175	6.2	1.31	4.572	2.138	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-10/22/90	10	0.055	0.069	0.15	0.03	0.001	0.039	0.031	0.04	0.094	0.146
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	12	11.75	12.35	19.7	7.	17.461	4.179	7.3	8.25	15.	19.19

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00	4	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00	10	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	6	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	15	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	17	0	0.00	13	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	13	0	0.00	4	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	12	0	0.00	10	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	10	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	8	0.44	12	4	0.33	6	4	0.67						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	4	0.50	4	2	0.50	4	2	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	6	0.33	12	3	0.25	6	3	0.50						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/11/72-04/22/91	23	6.	5.879	12.	0.02	14.639	3.826	0.52	2.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/72-04/22/91	15	25.5	24.82	32.	19.	16.242	4.03	19.48	20.2	29.	30.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	10	6.5	6.71	14.	1.4	21.09	4.592	1.48	2.425	12.	13.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	10	1.	1.17	2.5	0.8	0.258	0.508	0.8	0.875	1.25	2.39
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	10	45.	54.	160.	10.	1737.778	41.687	11.	27.5	62.5	151.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	13	34614.	33319.538	42100.	13690.	45567186.103	6750.347	19814.	31900.	37000.	40460.
00300	OXYGEN, DISSOLVED MG/L	12/11/72-04/22/91	15	6.	5.947	7.6	4.6	0.761	0.872	4.78	5.2	6.7	7.18
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/72-04/22/91	14	1.35	1.493	3.	0.5	0.664	0.815	0.5	0.7	2.35	2.8
00400	PH (STANDARD UNITS)	12/11/72-04/22/91	13	7.5	7.561	8.05	7.15	0.094	0.307	7.17	7.3	7.825	8.042
00400	CONVERTED PH (STANDARD UNITS)	12/11/72-04/22/91	13	7.5	7.471	8.05	7.15	0.103	0.321	7.17	7.3	7.825	8.042
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/72-04/22/91	13	0.032	0.034	0.071	0.009	0.	0.021	0.009	0.015	0.05	0.068
00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	10	7.7	7.74	8.1	7.4	0.052	0.227	7.41	7.575	7.925	8.09
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-04/22/91	10	7.7	7.689	8.1	7.4	0.054	0.233	7.41	7.575	7.925	8.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-04/22/91	10	0.02	0.02	0.04	0.008	0.	0.01	0.008	0.012	0.027	0.039
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/11/72-04/22/91	14	47.5	45.	90.	11.	622.769	24.955	12.	19.5	64.25	83.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	14	10.	10.643	27.	2.	46.247	6.801	2.	6.	14.75	22.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	14	32.	34.357	73.	9.	438.093	20.931	9.5	15.5	49.5	70.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/02/77-10/22/90	9 ##	0.03	0.07	0.26	0.005	0.008	0.087	0.005	0.02	0.12	0.26
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	9	0.07	0.171	0.56	0.	0.044	0.211	0.	0.021	0.37	0.56
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	9	0.32	0.314	0.63	0.005	0.043	0.208	0.005	0.15	0.509	0.63
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	13	0.12	0.168	0.437	0.053	0.012	0.109	0.06	0.092	0.233	0.377
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	10	11.75	12.42	19.7	7.	19.308	4.394	7.1	8.	15.75	19.53

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/11/72-04/22/91	8	6.	5.625	10.	2.	10.268	3.204	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/72-04/22/91	6	16.9	16.383	23.	11.	19.722	4.441	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-04/22/91	2	8.15	8.15	11.	5.3	16.245	4.031	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	2	0.825	0.825	1.15	0.5	0.211	0.46	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-04/22/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	6	30301.5	26450.5	35500.	8600.	119160781.5	10916.079	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/11/72-04/22/91	7	7.6	7.229	8.8	5.5	1.289	1.135	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/72-04/22/91	6	0.6	0.683	1.6	0.	0.314	0.56	**	**	**	**
00400	PH (STANDARD UNITS)	12/11/72-04/22/91	4	7.7	7.713	7.9	7.55	0.027	0.165	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/11/72-04/22/91	4	7.689	7.69	7.9	7.55	0.028	0.167	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/72-04/22/91	4	0.02	0.02	0.028	0.013	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	2	7.8	7.8	7.9	7.7	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-04/22/91	2	7.789	7.789	7.9	7.7	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-04/22/91	2	0.016	0.016	0.02	0.013	0.	0.005	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/11/72-04/22/91	6	45.	42.167	67.	18.	340.167	18.444	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-04/22/91	6	14.5	13.833	22.	3.	45.367	6.735	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-04/22/91	6	33.	28.333	45.	6.	224.667	14.989	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/02/77-10/22/90	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/72-07/14/80	2	0.12	0.12	0.18	0.06	0.007	0.085	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	2	0.694	0.694	0.77	0.618	0.012	0.107	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	4	0.148	0.159	0.27	0.07	0.007	0.086	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	2	12.	12.	15.	9.	18.	4.243	**	**	**	**

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

Station Inventory for Station: TIMU0084

NPS Station ID: TIMU0084
LAT/LON: 30.444726/ -81.439727
Agency: 21FLWQA
Date Created: 07/18/87
Location: CONFL OF FT GEORGE RIVER & MUD RIVER 04/X2 FG5
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10100 /SJWMD16
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 1.500
Distance from RF1: 0.80
On/Off RF1: OFF
RF3 Index: 03070205053200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0084

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0085

NPS Station ID: TIMU0085
LAT/LON: 30.381115/ -81.439727
Agency: 21FLVOL
Date Created: 03/08/97
Location: SHERMANS PT.-ST. JOHNS R. MAYPORT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SJR020
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/95-06/13/96	12	26.5	22.5	31.5	11.	60.864	7.802	11.3	12.625	28.	30.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/21/95-06/13/96	12	25.	22.708	34.	5.	84.612	9.198	5.9	16.5	28.75	33.7
00032	CLOUD COVER (PERCENT)	05/21/95-06/13/96	12	40.	47.5	100.	0.	1256.818	35.452	3.	10.	80.	97.
00300	OXYGEN, DISSOLVED MG/L	05/21/95-06/13/96	12	6.4	6.525	8.8	3.5	2.858	1.691	3.83	5.45	8.325	8.77
00406	PH, FIELD, STANDARD UNITS SU	05/21/95-06/13/96	12	8.1	8.008	8.3	7.4	0.057	0.239	7.52	7.85	8.1	8.27
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/21/95-06/13/96	12	8.1	7.932	8.3	7.4	0.064	0.252	7.52	7.85	8.1	8.27
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/95-06/13/96	12	0.008	0.012	0.04	0.005	0.	0.009	0.005	0.008	0.014	0.033
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/22/95-06/13/96	9	134.	135.333	168.	108.	341.	18.466	108.	122.	148.	168.
00480	SALINITY - PARTS PER THOUSAND	05/21/95-06/13/96	12	24.4	25.333	34.2	16.	46.388	6.811	16.54	19.4	33.2	33.96
00956	SILICA, TOTAL (MG/L AS SI02)	06/24/95-06/13/96	10	2.	2.2	5.	0.5	2.067	1.438	0.5	0.875	3.125	4.85

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0085

Parameter				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	1	0.08	8	1	0.13	4	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	12	0	0.00	8	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	8	0	0.00	4	0	0.00						

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

Station Inventory for Station: TIMU0086

NPS Station ID: TIMU0086
LAT/LON: 30.331948/ -81.440003
Agency: 21FLVOL
Date Created: 03/08/97
Location: SAN PABLO CR AT ATLANTIC BLVD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ICW010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/95-10/19/96	12	27.75	26.583	32.	13.5	21.674	4.656	16.65	25.125	29.	31.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/22/95-10/19/96	12	26.5	24.5	36.5	10.	48.364	6.954	11.5	21.	28.375	34.25
00032	CLOUD COVER (PERCENT)	05/22/95-10/19/96	12	30.	42.5	90.	10.	1347.727	36.711	10.	10.	90.	90.
00300	OXYGEN, DISSOLVED MG/L	05/22/95-10/19/96	12	4.85	5.092	9.	3.6	1.93	1.389	3.72	4.25	5.45	8.07
00406	PH, FIELD, STANDARD UNITS SU	05/22/95-10/19/96	12	7.6	7.592	8.	7.3	0.055	0.235	7.3	7.4	7.775	7.97
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/95-10/19/96	12	7.6	7.537	8.	7.3	0.059	0.242	7.3	7.4	7.775	7.97
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/95-10/19/96	12	0.025	0.029	0.05	0.01	0.	0.014	0.011	0.017	0.04	0.05
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	06/13/96-10/19/96	2	140.	140.	150.	130.	200.	14.142	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/22/95-10/19/96	12	18.8	20.5	36.8	8.8	85.385	9.24	8.92	12.2	28.4	35.84
00956	SILICA, TOTAL (MG/L AS SI02)	06/13/96-10/19/96	2	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0086

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	2	0.17	11	2	0.18	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	12	0	0.00	11	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	11	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0087

NPS Station ID: TIMU0087
LAT/LON: 30.323337/ -81.440560
Agency: 21FLWQA
Date Created: 07/18/87
Location: ICW AT ATLANTIC BLVD. 04/X3 B10
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): SBS33120 /SJWMD38
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080103009600.24
RF3 Mile Point: 0.23
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0088

NPS Station ID: TIMU0088
LAT/LON: 30.356254/ -81.440837
Agency: 21FLA
Date Created: 04/05/80
Location: ICWW DUVAL AT MARKER II
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010107
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 14
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080103091
RF1 Mile Point: 13.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103008801.07
RF3 Mile Point: 5.59
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER& INT:ACOASTAL WATERWAY ICWW AT MARKER II TWO MILES SOUTH OF ST JOHNS RIVER

Parameter Inventory for Station: TIMU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/72-04/22/91	34	8.	6.359	11.	0.02	15.303	3.912	1.	2.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/72-04/22/91	22	23.	22.341	32.	11.	32.124	5.668	12.5	18.875	27.25	28.85
00055	VELOCITY, STREAM FT/SEC	03/09/83-04/22/91	6	2.15	2.133	3.	1.	0.447	0.668	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/72-04/03/74	4	8.	7.725	8.5	6.4	0.836	0.914	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/73-04/22/91	17	6.	5.959	10.	1.8	8.244	2.871	2.28	3.	9.	10.
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	11	1.	1.022	1.5	0.7	0.037	0.192	0.74	0.94	1.1	1.42
00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	3	100.	86.667	100.	60.	533.333	23.094	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/21/73-04/22/91	17	45.	60.882	160.	10.	1981.985	44.519	18.	30.	80.	152.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/73-10/22/90	14	34000.	30864.286	47500.	12900.	129667087.912	11387.146	13150.	19550.	38875.	45250.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	14	32721.5	29905.286	42100.	8500.	84559647.604	9195.632	11810.	25000.	34625.	40800.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-04/22/91	7	6.1	6.686	8.8	5.5	1.485	1.219	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/72-04/22/91	22	6.8	6.664	9.1	4.5	1.34	1.157	4.9	5.95	7.375	8.11
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/72-04/22/91	21	1.2	1.21	2.6	0.	0.446	0.668	0.34	0.7	1.7	2.26
00400	PH (STANDARD UNITS)	12/11/72-04/22/91	17	7.67	7.701	8.	7.3	0.036	0.191	7.46	7.575	7.885	7.936
00400	CONVERTED PH (STANDARD UNITS)	12/11/72-04/22/91	17	7.67	7.66	8.	7.3	0.038	0.195	7.46	7.575	7.885	7.936
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/72-04/22/91	17	0.021	0.022	0.05	0.01	0.	0.01	0.012	0.013	0.027	0.035
00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	12	7.85	7.867	8.2	7.5	0.042	0.206	7.53	7.725	8.	8.17
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-04/22/91	12	7.847	7.821	8.2	7.5	0.045	0.211	7.53	7.725	8.	8.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-04/22/91	12	0.014	0.015	0.032	0.006	0.	0.007	0.007	0.01	0.019	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/22/90	7	100.	97.857	105.	88.	33.476	5.786	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	6	6.	6.667	12.	0.	22.267	4.719	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/16/80-04/22/91	10	23.25	21.35	30.	8.	46.114	6.791	8.3	18.5	24.75	29.7
00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	5	26456.	26442.6	34467.	17110.	45843512.8	6770.784	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	01/08/73-05/15/73	4	4243.5	5803.75	11060.	3668.	12379852.25	3518.501	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/08/73-05/15/73	4	23097.5	22968.25	26570.	19108.	9366374.917	3060.453	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/11/72-01/08/73	2	24025.	24025.	30970.	17080.	96466050.	9821.713	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/72-04/22/91	21	45.	44.571	102.	7.	613.857	24.776	10.	23.	64.	72.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/72-04/22/91	21	11.	11.286	30.	3.	53.514	7.315	3.	5.	16.5	20.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/72-04/22/91	21	27.	33.333	83.	2.	425.533	20.628	6.2	18.5	48.5	61.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/73-10/22/90	16	0.03	0.073	0.38	0.	0.01	0.102	0.	0.009	0.078	0.289
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/76-07/14/80	4	0.185	0.196	0.41	0.003	0.037	0.191	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	11	0.42	0.339	0.614	0.005	0.042	0.205	0.028	0.14	0.52	0.607
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-04/22/91	9	0.11	0.127	0.29	0.02	0.005	0.073	0.02	0.09	0.155	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	18	0.117	0.191	0.848	0.053	0.043	0.207	0.054	0.07	0.202	0.616
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/72-06/04/73	6	3000.	3050.	4500.	1800.	1535000.	1238.951	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: TIMU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/72-10/22/90	10	14150.	13835.2	18380.	9200.	7325781.511	2706.618	9380.	11787.5	15586.5	18222.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/22/91	4	0.685	0.61	0.75	0.32	0.038	0.196	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-04/22/91	2	86.	86.	140.	32.	5832.	76.368	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/22/90-04/22/91	2	1.826	1.826	2.146	1.505	0.205	0.453	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			66.933								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/11/72-01/05/87	18	350.	535.5	2300.	17.	351672.618	593.02	31.4	157.5	722.5	1760.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/11/72-01/05/87	18	2.544	2.475	3.362	1.23	0.297	0.545	1.49	2.193	2.858	3.244
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			298.57								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-04/22/91	2	41.	41.	60.	22.	722.	26.87	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/22/90-04/22/91	2	1.56	1.56	1.778	1.342	0.095	0.308	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			36.332								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	18	110.	230.389	1300.	2.	109419.546	330.786	7.4	49.	210.	841.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/05/87	18	2.041	1.994	3.114	0.301	0.443	0.665	0.843	1.69	2.302	2.919
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			98.616								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	19.	19.	30.	8.	242.	15.556	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	1.19	1.19	1.477	0.903	0.165	0.406	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			15.492								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	4	3.37	3.15	4.08	1.78	0.981	0.991	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-10/22/90	10	0.059	0.064	0.136	0.01	0.002	0.04	0.012	0.03	0.093	0.133
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	12	16.75	17.442	30.	9.	32.286	5.682	9.9	13.85	21.	28.2

** - 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: TIMU0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	3	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	0	0.00	14	0	0.00	3	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	6	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	15	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	17	0	0.00	13	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	13	0	0.00	4	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	12	0	0.00	10	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	12	0	0.00	10	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	2	0.11	12	0	0.00	6	2	0.33						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	4	0.22	12	2	0.17	6	2	0.33						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/72-04/22/91	24	9.	6.593	11.	0.02	16.042	4.005	0.6	2.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/72-04/22/91	16	25.	24.744	32.	19.	16.164	4.02	19.	20.125	28.	29.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/73-04/22/91	14	4.85	5.207	10.	1.8	6.659	2.581	2.1	2.9	7.25	9.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	9	1.	1.06	1.5	0.9	0.031	0.177	0.9	0.97	1.1	1.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/21/73-04/22/91	14	42.5	53.929	160.	10.	1585.302	39.816	15.	30.	60.	140.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/73-10/22/90	11	35000.	32800.	47500.	13400.	119452000.	10929.41	13520.	28800.	41500.	46600.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	9	34200.	32151.778	42100.	15120.	51785852.194	7196.239	15120.	31005.5	34750.	42100.
00300	OXYGEN, DISSOLVED MG/L	09/19/72-04/22/91	15	6.4	6.267	7.6	4.5	0.894	0.945	4.74	5.8	7.1	7.42
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/72-04/22/91	15	1.3	1.313	2.6	0.	0.421	0.649	0.3	0.9	1.7	2.3
00400	PH (STANDARD UNITS)	12/11/72-04/22/91	13	7.67	7.701	8.	7.3	0.04	0.2	7.38	7.575	7.885	7.968
00400	CONVERTED PH (STANDARD UNITS)	12/11/72-04/22/91	13	7.67	7.657	8.	7.3	0.042	0.205	7.38	7.575	7.885	7.968
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/72-04/22/91	13	0.021	0.022	0.05	0.01	0.	0.011	0.011	0.013	0.027	0.043
00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	10	7.85	7.87	8.2	7.5	0.047	0.216	7.51	7.75	8.025	8.19
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-04/22/91	10	7.847	7.821	8.2	7.5	0.049	0.222	7.51	7.75	8.025	8.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-04/22/91	10	0.014	0.015	0.032	0.006	0.	0.008	0.006	0.009	0.018	0.031
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/72-04/22/91	15	45.	46.6	102.	7.	744.971	27.294	7.6	22.	69.	84.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/72-04/22/91	15	11.	10.867	21.	3.	37.552	6.128	3.	6.	17.	20.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/72-04/22/91	15	32.	35.8	83.	2.	549.457	23.441	3.2	17.	50.	70.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/73-10/22/90	13	0.03	0.083	0.38	0.	0.012	0.112	0.	0.013	0.095	0.328
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	9	0.42	0.338	0.614	0.005	0.05	0.224	0.005	0.13	0.55	0.614
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	13	0.103	0.13	0.28	0.053	0.005	0.072	0.053	0.071	0.173	0.264
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	10	16.75	17.23	30.	9.	36.44	6.037	9.3	13.35	19.5	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 box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/72-04/22/91	10	5.	5.8	10.	2.	14.622	3.824	2.	2.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/72-04/22/91	6	16.55	15.933	22.	11.	18.687	4.323	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/21/73-04/22/91	3	9.4	9.467	10.	9.	0.253	0.503	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-04/22/91	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/21/73-04/22/91	3	100.	93.333	150.	30.	3633.333	60.277	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/21/73-10/22/90	3	21400.	23766.667	37000.	12900.	1494033333.333	12223.066	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-04/22/91	5	26000.	25861.6	39500.	8500.	139452772.8	11809.012	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/72-04/22/91	7	7.6	7.514	9.1	5.3	1.365	1.168	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/72-04/22/91	6	0.75	0.95	2.3	0.3	0.491	0.701	**	**	**	**
00400	PH (STANDARD UNITS)	12/11/72-04/22/91	4	7.7	7.7	7.9	7.5	0.033	0.183	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/11/72-04/22/91	4	7.689	7.672	7.9	7.5	0.034	0.185	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/72-04/22/91	4	0.02	0.021	0.032	0.013	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/02/77-04/22/91	2	7.85	7.85	8.	7.7	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-04/22/91	2	7.825	7.825	8.	7.7	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-04/22/91	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/72-04/22/91	6	36.	39.5	62.	18.	326.3	18.064	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/72-04/22/91	6	11.	12.333	30.	3.	107.067	10.347	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/72-04/22/91	6	25.	27.167	44.	15.	99.767	9.988	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/21/73-10/22/90	3 ##	0.03	0.032	0.06	0.005	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/22/90	2	0.343	0.343	0.435	0.25	0.017	0.131	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/22/90	5	0.175	0.351	0.848	0.07	0.123	0.351	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-04/22/91	2	18.5	18.5	22.	15.	24.5	4.95	**	**	**	**

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

Station Inventory for Station: TIMU0089

NPS Station ID: TIMU0089
LAT/LON: 30.382753/ -81.440892
Agency: 21FLA
Date Created: 01/11/97
Location: ST JOHNS R SW SHERMAN PT WWTP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030465
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST JOHNS RIVER APPROX 300 FT SOUTHWEST SHERMAN POINT WWTP OUTFALL NEAR SOUTH SHORE

Parameter Inventory for Station: TIMU0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0090

NPS Station ID: TIMU0090 LAT/LON: 30.434531/ -81.441254 Agency: 11NPSWRD Date Created: 10/24/98
Location: GARDEN CREEK NEAR MOUTH OF UNKNOWN TRIBUTARY FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG6B
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6B WAS AT GARDEN CREEK NEAR THE MOUTH OF THE NORTHERNMOST UNKNOWN TRIBUTARY ON FORT GEORGE ISLAND INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-03/05/85	2 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/85-03/05/85	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	280.	295.929	554.	47.5	32309.369	179.748	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7 ##	14.	12.714	21.	1.	48.988	6.999	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	1.	1.621	3.	0.35	1.703	1.305	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7 ##	5.	13.143	47.	3.5	249.726	15.803	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7 ##	1.	2.929	8.	0.5	8.036	2.835	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	30.	33.571	79.	11.	564.286	23.755	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/05/85-03/05/85	1	49.	49.	49.	49.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/05/85-03/05/85	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/05/85-03/05/85	1	33.	33.	33.	33.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/05/85-03/05/85	1	1.519	1.519	1.519	1.519	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-03/05/85	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: TIMU0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	7	1.00	4	4	1.00	3	3	1.00						
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						
82079	TURBIDITY, LAB	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: TIMU0091

NPS Station ID: TIMU0091
LAT/LON: 30.434170/ -81.441670
Agency: 21FLWQA
Date Created: 07/18/87
Location: GARDEN CREEK 04/X2 F6B
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10050 /SJWMD22
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 3.710
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205046200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0092

NPS Station ID: TIMU0092
LAT/LON: 30.436115/ -81.443059
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GARDEN CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG6B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0093

NPS Station ID: TIMU0093
LAT/LON: 30.436115/ -81.443059
Agency: 21FLJXWQ
Date Created: 05/28/94
Location: GARDEN CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG006B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	10	19.8	20.24	31.	8.5	65.7	8.106	8.53	14.95	29.9	30.89
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	9	27600.	29288.889	43700.	8500.	136006111.111	11662.166	8500.	22450.	42250.	43700.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	10	8.05	8.49	10.1	7.3	1.121	1.059	7.3	7.675	9.7	10.09
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	7	6.9	6.8	7.1	6.	0.14	0.374	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	7	6.9	6.607	7.1	6.	0.184	0.428	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.126	0.247	1.	0.079	0.112	0.334	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	6	0.014	0.027	0.084	0.007	0.001	0.03	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	6	0.07	0.089	0.18	0.005	0.006	0.075	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1	14500.	14500.	14500.	14500.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	5	110.	229.2	920.	1.	151990.7	389.86	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	5	2.041	1.549	2.964	0.	1.402	1.184	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.409								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6	22.5	56.833	220.	1.	7114.167	84.346	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6	1.151	1.198	2.342	0.	0.765	0.875	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.773								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/15/86-01/15/86	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/09/85-12/10/86	5	5.9	8.58	19.	3.7	39.977	6.323	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0093

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	5	0	0.00	5	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	1	0.17	4	0	0.00	2	1	0.50						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0094

NPS Station ID: TIMU0094
LAT/LON: 30.437781/ -81.443615
Agency: 21FLWQA
Date Created: 07/18/87
Location: GARDEN CREEK DOWNSTREAM 04/X2 F6A
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10060 /SJWMD20
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 3.710
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205053000.95
RF3 Mile Point: 2.13
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0095

NPS Station ID: TIMU0095 LAT/LON: 30.438115/ -81.443560 Agency: 11NPSWRD Date Created: 10/24/98
Location: GARDEN CREEK AT NW SIDE OF FT GEORGE ISLAND FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG6A
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6A WAS AT GARDEN CREEK AT THE NORTHWEST SIDE OF FORT GEORGE ISLAND INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	17	3.	3.118	6.	0.	3.985	1.996	0.	1.5	5.	5.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/88-01/02/88	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	10/24/89-08/21/90	3	7.9	6.733	8.2	4.1	5.223	2.285	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/88-01/02/88	1	26500.	26500.	26500.	26500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/88-01/02/88	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	01/02/88-01/02/88	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/02/88-01/02/88	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/88-01/02/88	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/24/89-01/24/89	1	29.6	29.6	29.6	29.6	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-08/21/90	7	87.	87.429	136.	50.	808.286	28.43	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-08/21/90	8 ##	0.015	0.021	0.064	0.006	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/89-05/16/89	2 ##	0.371	0.371	0.582	0.16	0.089	0.298	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/04/87-05/16/89	6	0.04	0.042	0.08	0.003	0.001	0.032	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-08/21/90	7	0.11	0.093	0.131	0.05	0.001	0.032	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-08/21/90	12	6050.	5835.	7100.	3020.	1224881.818	1106.744	3584.	5375.	6475.	7100.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/04/87-08/21/90	7	18700.	18614.286	21500.	15900.	3374761.905	1837.053	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-08/21/90	19	340.	402.184	1597.	47.5	114255.423	338.017	50.	240.	427.	817.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-08/21/90	9	4.	191.778	850.	1.	110793.257	332.856	1.	1.75	430.	850.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-08/15/89	2	885.	885.	1500.	270.	756450.	869.741	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-08/21/90	14	20.5	54.179	210.	0.5	4040.023	63.561	0.75	9.25	93.	175.

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

Parameter Inventory for Station: TIMU0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-08/21/90	7	720.	1061.5	4400.	0.5	2262637.417	1504.207	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-08/21/90	12 ##	1.	6.488	60.	0.35	286.12	16.915	0.395	0.5	3.	43.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-08/21/90	17	5.	19.382	160.	1.	1454.142	38.133	1.	3.25	20.	68.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	12	10.	73.667	370.	1.	13985.515	118.26	1.	1.25	94.5	334.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-08/21/90	17	58.	80.5	320.	1.	7598.938	87.172	2.6	14.5	126.5	232.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/04/87-08/21/90	7	20.	64.714	220.	2.	6968.238	83.476	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/04/87-08/21/90	7	1.301	1.404	2.342	0.301	0.507	0.712	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.376								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/87-08/21/90	7	10.	21.714	90.	1.	985.905	31.399	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/87-08/21/90	7	1.	0.921	1.954	0.	0.519	0.721	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.331								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	7 ##	0.1	0.196	0.5	0.02	0.029	0.171	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/04/87-08/21/90	7	5.6	6.271	10.5	2.9	7.869	2.805	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	9	3	0.33	6	2	0.33	3	1	0.33						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	2	2	1.00	1	1	1.00	1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	14	3	0.21	9	2	0.22	5	1	0.20						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	12	1	0.08	8	1	0.13	4	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	17	0	0.00	12	0	0.00	5	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	14 &	13	0.93	9	8	0.89	5	5	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	0	0.00	4	0	0.00	3	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	0	0.00	4	0	0.00	3	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	3	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	4	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0096

NPS Station ID: TIMU0096
LAT/LON: 30.386392/ -81.444476
Agency: 21FLA
Date Created: 07/10/99
Location: ST. JOHNS RIVER .4 MI W NEPTUNE BCH POD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030722
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0097

NPS Station ID: TIMU0097
LAT/LON: 30.438892/ -81.444448
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GARDEN CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG6A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0098

NPS Station ID: TIMU0098
LAT/LON: 30.438892/ -81.444448
Agency: 21FLJXWQ
Date Created: 05/28/94
Location: GARDEN CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG006A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/17/90	34	20.	21.447	33.	8.9	43.169	6.57	11.2	17.15	28.25	30.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-11/17/90	3	23.	22.5	33.	11.5	115.75	10.759	**	**	**	**
00032	CLOUD COVER (PERCENT)	06/18/90-11/17/90	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/07/89-11/17/90	3	10.	9.5	15.	3.5	33.25	5.766	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/17/90	29	42100.	38000.	52500.	7500.	160950714.286	12686.635	20000.	30250.	46200.	50800.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/17/90	34	7.15	7.25	10.	3.9	3.155	1.776	4.2	6.2	8.75	9.3
00400	PH (STANDARD UNITS)	11/13/84-11/17/90	28	7.525	7.382	8.03	6.	0.342	0.585	6.54	7.	7.908	7.972
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-11/17/90	28	7.524	6.909	8.03	6.	0.573	0.757	6.54	7.	7.907	7.972
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-11/17/90	28	0.03	0.123	1.	0.009	0.065	0.255	0.011	0.012	0.1	0.326
00480	SALINITY - PARTS PER THOUSAND	01/24/89-11/17/90	14	30.5	31.207	34.7	26.6	6.279	2.506	27.3	29.475	33.5	34.35
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/31/87-11/17/90	10	69.5	91.9	287.	37.	5326.1	72.98	38.2	51.25	100.25	269.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/17/90	17 ##	0.01	0.036	0.18	0.002	0.003	0.05	0.004	0.007	0.051	0.143
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/17/90	7	0.316	0.685	1.82	0.09	0.474	0.689	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/17/90	17 ##	0.02	0.048	0.2	0.005	0.003	0.055	0.005	0.005	0.085	0.136
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/87-11/17/90	10	0.101	0.12	0.324	0.01	0.012	0.108	0.01	0.019	0.208	0.318
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/31/87-05/24/88	3	3020.	2940.	3600.	2200.	494800.	703.42	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/17/90	11	18700.	16400.	20000.	6000.	20902000.	4571.871	6640.	15500.	19000.	19800.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/17/90	16	60.	299.094	2300.	1.	434601.341	659.243	2.05	12.5	137.5	1810.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-11/17/90	16	1.772	1.685	3.362	0.	0.835	0.914	0.279	1.089	2.138	3.251
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.383								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/17/90	17	33.	80.529	500.	1.	15052.39	122.688	1.8	8.5	110.	244.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/17/90	17	1.519	1.43	2.699	0.	0.573	0.757	0.241	0.923	2.041	2.344
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.906								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-11/17/90	4	2.45	2.55	3.1	2.2	0.15	0.387	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-11/17/90	16	5.65	11.144	73.	2.	289.403	17.012	2.63	3.9	11.75	33.8

** - 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: TIMU0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	34	1	0.03	15	1	0.07	19	0	0.00						
00400	PH	Marine Chronic	8.5	28	0	0.00	12	0	0.00	16	0	0.00						
		Other-Lo Lim.	6.5	28	2	0.07	12	1	0.08	16	1	0.06						

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

EPA Water Quality Criteria Analysis for Station: TIMU0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	2	0.13	8	0	0.00	8	2	0.25						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	1	0.06	9	0	0.00	8	1	0.13						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	1	0.06	8	1	0.13	8	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/17/90	15	29.	26.673	33.	17.	24.146	4.914	17.	24.6	30.	31.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/17/90	11	42100.	36090.909	52500.	7500.	249116909.091	15783.438	7500.	27000.	46000.	52300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/17/90	15	7.1	6.587	9.4	3.9	4.204	2.05	4.02	4.2	8.5	9.22
00400	PH (STANDARD UNITS)	11/13/84-11/17/90	12	7.4	7.255	7.83	6.	0.24	0.49	6.27	7.	7.557	7.785
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-11/17/90	12	7.389	6.878	7.83	6.	0.395	0.629	6.27	7.	7.557	7.785
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-11/17/90	12	0.041	0.132	1.	0.015	0.076	0.276	0.017	0.028	0.1	0.738

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/17/90	19	19.1	17.321	22.6	8.9	19.631	4.431	9.	14.5	20.	22.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/17/90	18	43350.	39166.667	50800.	20000.	114756470.588	10712.445	20000.	31750.	46400.	50710.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/17/90	19	8.3	7.774	10.	6.	1.859	1.363	6.2	6.4	8.9	10.
00400	PH (STANDARD UNITS)	11/13/84-11/17/90	16	7.885	7.477	8.03	6.	0.416	0.645	6.42	6.925	7.96	8.002
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-11/17/90	16	7.885	6.934	8.03	6.	0.73	0.855	6.42	6.925	7.96	8.002
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-11/17/90	16	0.013	0.116	1.	0.009	0.061	0.247	0.01	0.011	0.119	0.476

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

Station Inventory for Station: TIMU0099

NPS Station ID: TIMU0099
LAT/LON: 30.421642/ -81.446170
Agency: 11NPSWRD
Date Created: 08/29/98
Location: DEEP CREEK OFF OF SISTERS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_ESEC_7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 7 WAS AT DEEP CREEK OFF OF SISTERS CREEK AT THE WESTERN SIDE OF FORT GEORGE ISLAND INSIDE OF TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE RIVER WAS SAMPLED BY THE ENVIRONMENTAL SCIENCE AND ENGINEERING COMPANY AS PART OF THE FORT GEORGE ISLAND PROJECT. DATA WERE PUBLISHED IN MISCELLANEOUS DATA SHEETS AND A FIELD TRIP REPORT OF DECEMBER 12 THROUGH DECEMBER 17 OF 1983. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/83-10/27/83	2	4.5	4.5	5.6	3.4	2.42	1.556	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/83-10/27/83	2	66.5	66.5	70.	63.	24.5	4.95	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/83-10/27/83	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/26/83-10/27/83	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/83-10/27/83	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/83-10/27/83	2	0.81	0.81	0.9	0.72	0.016	0.127	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/83-10/27/83	2	0.16	0.16	0.21	0.11	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/83-10/27/83	2	0.121	0.121	0.125	0.117	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/83-10/27/83	2	0.065	0.065	0.074	0.056	0.	0.013	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/26/83-10/27/83	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/26/83-10/27/83	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/26/83-10/27/83	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/26/83-10/27/83	2	267.	267.	307.	227.	3200.	56.569	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/26/83-10/27/83	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/26/83-10/27/83	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-10/27/83	2	251.5	251.5	460.	43.	86944.5	294.864	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/26/83-10/27/83	2	2.148	2.148	2.663	1.633	0.53	0.728	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			140.641								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-10/27/83	2	78.5	78.5	150.	7.	10224.5	101.116	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/26/83-10/27/83	2	1.511	1.511	2.176	0.845	0.886	0.941	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			32.404								
71900	MERCURY, TOTAL (UG/L AS HG)	10/26/83-10/27/83	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0100

NPS Station ID: TIMU0100
LAT/LON: 30.384420/ -81.446338
Agency: 21FLA
Date Created: 05/08/99
Location: ST. JOHNS RIVER .4 W NEPTUNE BCH WWTP POD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030715
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0101

NPS Station ID: TIMU0101
LAT/LON: 30.456670/ -81.446948
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT CM 69 MUD CR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020040
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 5
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 9.140
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205013300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT CONFLUENCE WITH MUD RIVER ICWW MARKER 69

Parameter Inventory for Station: TIMU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-05/15/78	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-05/15/78	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-05/15/78	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-05/15/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-05/15/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-05/15/78	1	23500.	23500.	23500.	23500.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-05/15/78	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-05/15/78	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-05/15/78	1	7.55	7.55	7.55	7.55	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-05/15/78	1	7.55	7.55	7.55	7.55	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-05/15/78	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-05/15/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-05/15/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-05/15/78	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-05/15/78	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-05/15/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-05/15/78	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-05/15/78	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-05/15/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-05/15/78	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-05/15/78	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	1	9905.	9905.	9905.	9905.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-05/15/78	1	79.	79.	79.	79.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-05/15/78	1	1.898	1.898	1.898	1.898	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			79.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	1	49.	49.	49.	49.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-05/15/78	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: TIMU0102

NPS Station ID: TIMU0102
LAT/LON: 30.444031/ -81.447031
Agency: 11NPSWRD
Date Created: 10/10/98
Location: MOUTH OF GARDEN CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_TIM10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 10 WAS AT GARDEN CREEK FIFTY METERS UPSTREAM FROM THE MOUTH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 10 PREVIOUSLY WAS LABELED FG6. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	44	4.5	5.145	13.	0.7	14.908	3.861	1.	1.25	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	26	19.2	22.154	28.6	17.3	23.075	4.804	17.37	18.35	28.275	28.53
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	8	21.75	23.163	30.	18.	25.148	5.015	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	8	35.	48.125	100.	0.	1770.982	42.083	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	8	6.1	8.025	15.	3.2	21.502	4.637	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	8	1.1	1.068	1.68	0.6	0.155	0.393	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	26	45719.5	40216.038	49546.	13224.	119154210.438	10915.778	13588.8	36684.25	47072.	49366.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	26	6.75	6.773	9.1	4.8	1.972	1.404	4.8	5.8	7.8	8.93
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	26	89.	89.238	104.2	71.9	125.477	11.202	73.65	78.75	99.725	104.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	9 ##	0.5	0.667	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	26	7.865	7.837	8.02	7.55	0.023	0.152	7.567	7.72	8.	8.01
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	26	7.865	7.81	8.02	7.55	0.024	0.155	7.567	7.72	8.	8.01
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	26	0.014	0.015	0.028	0.01	0.	0.006	0.01	0.01	0.019	0.027
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	26	29.7	25.896	32.5	7.6	55.916	7.478	7.87	23.25	30.65	32.36
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	10	16.	18.1	34.	5.	93.878	9.689	5.3	9.5	25.75	33.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	10	0.016	0.036	0.103	0.005	0.002	0.039	0.005	0.005	0.083	0.102
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	10	0.335	0.401	0.881	0.05	0.084	0.289	0.06	0.163	0.603	0.88
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	10	0.051	0.063	0.109	0.035	0.001	0.028	0.035	0.042	0.086	0.109
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	10	4795.	4800.6	6716.	1300.	2195755.378	1481.808	1595.3	4307.	5762.5	6682.9
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	8	665000.	624625.	754000.	224000.28	782553571.429	169654.218	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	10	14632.	14187.8	18432.	3757.	18630362.4	4316.29	4541.6	12510.5	17588.	18388.4

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

Parameter Inventory for Station: TIMU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	8 ##	0.5	0.625	1.	0.5	0.054	0.231	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	8	354.5	354.5	555.	151.	25844.571	160.762	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	8 ##	5.	6.25	15.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	7 ##	1.5	1.643	2.5	1.5	0.143	0.378	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	8 ##	2.5	4.625	12.	2.5	15.768	3.971	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	8	605.5	670.625	983.	301.	47200.268	217.256	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	8 ##	1.5	1.75	2.5	1.5	0.214	0.463	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	8	22.5	21.	35.	10.	100.571	10.029	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	8 ##	2.5	2.938	6.	2.5	1.531	1.237	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	10	0.024	0.025	0.044	0.009	0.	0.012	0.009	0.012	0.033	0.044
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	8	6.5	7.938	16.1	3.	23.454	4.843	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	26	0	0.00	20	0	0.00	6	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	26	0	0.00	20	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	26	0	0.00	20	0	0.00	6	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	8	0	0.00	6	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	8	0	0.00	6	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	0	0.00	6	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	6	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	6	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	8	0	0.00	6	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	1	0.13	6	1	0.17	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	0	0.00	7	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0103

NPS Station ID: TIMU0103
LAT/LON: 30.449366/ -81.447199
Agency: 21FLA
Date Created: 07/20/78
Location: GARDEN CR ABOVE SISTERS CR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020037
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 9.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205046200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, GARDEN GARDEN CREEK 200 FT FROM FT GEORGE RIVER AND SISTERS CREEK CONFLUENCE
FT GAORGE IS SURVEY STA #9

Parameter Inventory for Station: TIMU0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-05/19/77	5	4.	3.8	6.	2.	3.2	1.789	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-05/19/77	5	25.5	25.06	26.5	23.	1.993	1.412	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	5	9.5	8.7	12.5	4.8	13.585	3.686	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-05/19/77	5	4.2	5.18	7.4	3.8	2.732	1.653	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-05/19/77	5	1.	1.03	1.25	0.8	0.037	0.192	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-05/19/77	5	20.	23.	30.	15.	45.	6.708	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-05/19/77	5	48000.	48160.	48500.	48000.	53000.	230.217	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-05/19/77	5	5.4	5.28	5.6	4.9	0.077	0.277	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-05/19/77	5	1.6	1.76	3.2	0.5	0.933	0.966	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/77-05/19/77	4	7.375	7.363	7.5	7.2	0.019	0.138	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-05/19/77	4	7.369	7.346	7.5	7.2	0.019	0.139	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-05/19/77	4	0.043	0.045	0.063	0.032	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-05/19/77	5	7.7	7.7	7.9	7.4	0.035	0.187	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-05/19/77	5	7.7	7.665	7.9	7.4	0.037	0.191	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-05/19/77	5	0.02	0.022	0.04	0.013	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-05/19/77	5	0.02	0.039	0.12	0.003	0.002	0.048	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-05/19/77	5	0.46	0.539	1.39	0.085	0.261	0.511	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-05/19/77	5	0.02	0.022	0.03	0.02	0.	0.004	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/19/77	5	19230.	19634.	20840.	18780.	743880.	862.485	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-05/19/77	5	5.	6.4	13.	1.	19.8	4.45	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-05/19/77	5	0.699	0.683	1.114	0.	0.175	0.419	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.819								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	2.	3.	8.	1.	8.	2.828	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-05/19/77	5	0.301	0.361	0.903	0.	0.109	0.33	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.297								

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

EPA Water Quality Criteria Analysis for Station: TIMU0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	5	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00400	PH	Marine Chronic	8.5	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	5	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	5	0	0.00									

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

Station Inventory for Station: TIMU0104

NPS Station ID: TIMU0104 | LAT/LON: 30.445670/ -81.447171 | Agency: 11NPSWRD | Date Created: 10/24/98
Location: APPROX 1000 FT UPSTREAM OF GARDEN CK MOUTH | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_BESD_FG06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 06 WAS APPROXIMATELY 1000 FEET UPSTREAM OF THE MOUTH OF GARDEN CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/85-12/10/86	10	2.5	5.3	25.	0.	60.678	7.79	0.	0.	8.	23.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0105

NPS Station ID: TIMU0105
LAT/LON: 30.445837/ -81.447226
Agency: 21FLWQA
Date Created: 07/18/87
Location: MOUTH OF GARDEN CREEK 04/X2 FG6
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS10070 /SJWMD14
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03070205053000.10
RF3 Mile Point: 0.09
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0106

NPS Station ID: TIMU0106
LAT/LON: 30.420281/ -81.447504
Agency: 21FLWQA
Date Created: 07/18/87
Location: DEEP CREEK OFF FT. GEORGE ISLAND 04/X2 FF7
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SFF33010 /SJWMD31
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 7.050
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205000711.90
RF3 Mile Point: 12.58
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0106

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0107

NPS Station ID: TIMU0107 | LAT/LON: 30.381559/ -81.447921 | Agency: 21FLA | Date Created: / /
Location: ST JOHNS R OFFSHORE MILE PT | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030056
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 7.300 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03070205072100.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.05 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM OFF SHORE FROM MILE POINT

Parameter Inventory for Station: TIMU0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/20/72	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-07/20/72	9	29.	28.667	29.	28.	0.25	0.5	28.	28.	29.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	3	10.	10.667	12.	10.	1.333	1.155	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/72-07/20/72	9	5.7	5.7	6.5	4.9	0.3	0.548	4.9	5.15	6.15	6.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-07/20/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/72-07/20/72	3	7.6	7.3	7.8	6.5	0.49	0.7	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-07/20/72	3	7.6	6.924	7.8	6.5	0.702	0.838	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-07/20/72	3	0.025	0.119	0.316	0.016	0.029	0.171	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	59.	59.	89.	36.	286.667	16.931	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	12.	13.286	20.	6.	22.905	4.786	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	47.	45.571	70.	23.	262.286	16.195	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-07/20/72	9	12100.	13677.778	18200.	10100.	11139444.444	3337.581	10100.	10850.	17400.	18200.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	3	0.2	26.8	80.	0.2	2122.68	46.073	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-07/19/72	3	-0.699	0.168	1.903	-0.699	2.257	1.502	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.474								

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

EPA Water Quality Criteria Analysis for Station: TIMU0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00400	PH	Marine Chronic	8.5	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	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: TIMU0108

NPS Station ID: TIMU0108
LAT/LON: 30.445837/ -81.447781
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GARDEN CREEK - MOUTH
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0109

NPS Station ID: TIMU0109
Location: GARDEN CREEK AT MOUTH
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03070205
Major Basin:
Minor Basin:
RF1 Index: 03070205
RF3 Index: 03070205000800.46
Description:

LAT/LON: 30.445837/ -81.447781
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.86

Agency: 21FLJXWQ
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): FG0006
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.20
Distance from RF3: 0.04

Date Created: 01/23/93
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	12	19.	20.45	29.1	8.9	51.095	7.148	8.9	18.5	28.5	29.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	11	29200.	29336.364	44300.	6800.	175326545.455	13241.093	6800.	24400.	40000.	44280.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	13	8.6	8.354	10.1	6.4	1.364	1.168	6.44	7.7	9.2	10.06
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.2	7.036	7.8	6.	0.312	0.559	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.2	6.678	7.8	6.	0.462	0.679	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.063	0.21	1.	0.016	0.124	0.352	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7 ##	0.007	0.012	0.039	0.007	0.	0.012	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7	0.05	0.078	0.22	0.005	0.007	0.084	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	210.	234.	460.	140.	11754.667	108.419	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7	15.	17.357	40.	4.	130.56	11.426	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	1.	1.336	3.	0.35	1.356	1.164	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7 ##	4.	12.	52.	3.	323.25	17.979	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7 ##	1.	3.214	7.	0.5	8.988	2.998	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	22.	28.857	79.	7.	624.81	24.996	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	6	75.5	268.917	920.	1.	143893.442	379.333	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	6	1.785	1.574	2.964	0.	1.593	1.262	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.48								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6 ##	35.75	185.583	920.	1.	131811.442	363.058	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	6 ##	1.011	1.177	2.964	0.	1.645	1.283	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.044								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-01/15/86	2	5.35	5.35	7.6	3.1	10.125	3.182	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	6	5.25	5.433	7.	3.7	1.339	1.157	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	6	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	7	1.00	4	4	1.00	3	3	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	3	0	0.00	3	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	1	0.17	3	1	0.33	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0110

NPS Station ID: TIMU0110
LAT/LON: 30.448059/ -81.448059
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: SISTERS CREEK AT FT. GEORGE RIVER
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG0007
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 4.20
On/Off RF1:
RF3 Index: 03070205046300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-11/07/90	40	20.25	21.378	31.	8.8	40.354	6.352	13.1	17.625	27.975	30.22
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-11/07/90	6	29.95	27.217	35.	13.9	56.638	7.526	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/24/89-11/07/90	5	5.	19.	70.	0.	880.	29.665	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/24/89-11/07/90	5	10.	11.2	15.	6.	14.7	3.834	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-11/07/90	34	45700.	40450.	53700.	6000.	191216515.152	13828.106	16850.	30225.	50525.	53150.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-11/07/90	39	7.2	7.372	10.2	4.7	2.633	1.623	4.9	6.2	8.8	9.5
00400	PH (STANDARD UNITS)	11/13/84-11/07/90	33	7.77	7.562	8.19	6.	0.305	0.553	6.84	7.1	8.02	8.148
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-11/07/90	33	7.77	7.116	8.19	6.	0.511	0.715	6.84	7.1	8.02	8.148
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-11/07/90	33	0.017	0.077	1.	0.006	0.032	0.178	0.007	0.01	0.082	0.145
00480	SALINITY - PARTS PER THOUSAND	01/24/89-11/07/90	19	33.1	33.	35.5	29.4	3.511	1.874	29.8	31.8	34.8	35.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/87-11/07/90	16	64.5	64.063	120.	34.	347.929	18.653	42.4	50.75	70.25	89.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/07/90	23 ##	0.01	0.032	0.21	0.002	0.002	0.047	0.005	0.007	0.047	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-11/07/90	10	0.16	0.368	1.7	0.05	0.25	0.5	0.055	0.122	0.38	1.598
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-11/07/90	23 ##	0.02	0.051	0.23	0.003	0.004	0.064	0.005	0.005	0.06	0.162
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/04/87-11/07/90	16	0.116	0.102	0.19	0.01	0.003	0.057	0.013	0.04	0.146	0.169
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-11/07/90	15	6000.	5745.333	7700.	1900.	2171798.095	1473.702	2752.	5400.	6500.	7520.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-11/07/90	17	19000.	17976.471	24000.	3800.	18784411.765	4334.099	12760.	16150.	20250.	21600.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-08/21/90	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-11/07/90	19	230.	293.632	725.	106.	22718.912	150.728	140.	190.	390.	470.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-08/21/90	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-11/07/90	9	3.	79.667	590.	0.5	37892.688	194.66	0.5	1.	58.	590.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-08/15/89	2	940.	940.	1500.	380.	627200.	791.96	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-11/07/90	15	20.	47.967	190.	0.5	3712.695	60.932	0.8	8.5	77.	172.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-11/07/90	8	385.	769.	3600.	170.	1336465.143	1156.056	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-11/07/90	13 ##	1.	5.912	53.	0.35	205.423	14.333	0.41	0.5	4.	35.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-11/07/90	18 ##	5.	17.611	150.	0.5	1251.369	35.375	0.5	3.5	14.5	64.5
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-08/21/90	14	15.5	74.321	330.	0.5	11822.216	108.73	0.75	1.	117.75	305.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-11/07/90	18	62.	88.25	319.	1.	8811.066	93.867	3.25	9.75	138.75	265.9
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-11/07/90	22	20.	158.682	1700.	1.	159483.846	399.354	1.	3.75	60.	749.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-11/07/90	22	1.301	1.298	3.23	0.	0.816	0.904	0.	0.571	1.763	2.838
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.854								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	23	10.	77.609	920.	1.	39367.522	198.413	1.	1.	30.	248.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-11/07/90	23	1.	0.956	2.964	0.	0.847	0.92	0.	0.	1.477	2.378
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.028								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/04/87-08/21/90	6 ##	0.225	0.255	0.5	0.08	0.034	0.184	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/24/89-11/07/90	4	4.45	4.475	5.1	3.9	0.376	0.613	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-11/07/90	22	4.75	5.077	11.	2.9	3.674	1.917	3.12	3.95	5.425	8.45

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

EPA Water Quality Criteria Analysis for Station: TIMU0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	39	0	0.00	22	0	0.00	17	0	0.00						
00400	PH	Marine Chronic	8.5	33	0	0.00	19	0	0.00	14	0	0.00						
		Other-Lo Lim.	6.5	33	2	0.06	19	1	0.05	14	1	0.07						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	2	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	2	0	0.00	3	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	9	2	0.22	7	2	0.29	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	2	2	1.00	1	1	1.00	1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	15	3	0.20	10	2	0.20	5	1	0.20						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	13	1	0.08	9	1	0.11	4	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	18	0	0.00	13	0	0.00	5	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	17 &	16	0.94	11	10	0.91	6	6	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	1	0.05	13	0	0.00	9	1	0.11						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	23	2	0.09	14	1	0.07	9	1	0.11						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	6	0	0.00	3	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	22	0	0.00	13	0	0.00	9	0	0.00						

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

Station Inventory for Station: TIMU0111

NPS Station ID: TIMU0111
LAT/LON: 30.448059/ -81.448059
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: SISTERS CREEK AT FORT GEORGE RIVER
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0112

NPS Station ID: TIMU0112
LAT/LON: 30.419420/ -81.448392
Agency: 21FLA
Date Created: 04/05/80
Location: DEEP CR APPROX 0.9 MI UPSTREAM
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 8
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 7.050
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103009200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CRE:K DEEP
DEEP CREEK AT CONFLUENCE WITH SECOND PAIR OF TRIBUTARY STREAMS
APPROX. 0.9 MILES UPSTREAM FROM STA #11
FT GEORGE ISLAND SURVEY STATION #13

Parameter Inventory for Station: TIMU0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/18/77-07/13/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/81-07/13/81	1	29.4	29.4	29.4	29.4	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/13/81-07/13/81	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/13/81-07/13/81	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/81-07/13/81	1	894.	894.	894.	894.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/81-07/13/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/81-07/13/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/81-07/13/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/81-07/13/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/13/81-07/13/81	1	521.	521.	521.	521.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/81-07/13/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/13/81-07/13/81	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/81-07/13/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/81-07/13/81	1	0.105	0.105	0.105	0.105	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/81-07/13/81	1	117.	117.	117.	117.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/81-07/13/81	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/81-07/13/81	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0113

NPS Station ID: TIMU0113
LAT/LON: 30.455976/ -81.448588
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT CM 71
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020039
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 5
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 9.140
Distance from RF1: 8.40
On/Off RF1: OFF
RF3 Index: 03080103345100.11
RF3 Mile Point: 4.31
Distance from RF3: 0.54
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS NEAR TRIBUTARY OF BROWARD CREEK. SAMPLE WEST SIDE ICWW AT MARKER 71

Parameter Inventory for Station: TIMU0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	11	4.	3.945	10.	0.2	8.185	2.861	0.2	2.	6.	9.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	5	21.	21.5	27.	15.	19.25	4.387	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	3	0.5	0.583	1.	0.25	0.146	0.382	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	5	3.7	4.34	6.	2.9	1.883	1.372	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	5	1.27	1.078	1.3	0.62	0.094	0.307	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	5	30.	34.	70.	10.	480.	21.909	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	3	45000.	42833.333	50000.	33500.	71583333.333	8460.693	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	5	40100.	38260.	49000.	25000.	96818000.	9839.614	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	5.75	5.75	5.8	5.7	0.005	0.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	5	6.2	6.66	7.9	5.6	1.048	1.024	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	5	1.5	1.4	1.8	0.8	0.165	0.406	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.755	7.778	8.	7.6	0.028	0.168	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.754	7.755	8.	7.6	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	4	0.018	0.018	0.025	0.01	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	5	7.8	7.78	8.	7.6	0.032	0.179	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/15/91	5	7.8	7.751	8.	7.6	0.033	0.182	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	5	0.016	0.018	0.025	0.01	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	113.	113.	115.	111.	8.	2.828	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	32.	33.	36.	31.	7.	2.646	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	16.	35.8	103.	10.	1512.2	38.887	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	4.	4.6	12.	0.	19.8	4.45	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	12.	31.	91.	10.	1200.5	34.648	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	4	0.15	0.346	1.08	0.005	0.245	0.495	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	2 ##	0.071	0.071	0.14	0.003	0.009	0.097	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	3	0.81	0.63	1.03	0.05	0.264	0.514	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.02	0.018	0.025	0.01	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	3	0.064	0.071	0.14	0.01	0.004	0.065	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	1	10570.	10570.	10570.	10570.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2 ##	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2 ##	0.739	0.739	0.778	0.699	0.003	0.056	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.477								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	3	64.	69.	110.	33.	1501.	38.743	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-11/26/84	3	1.806	1.789	2.041	1.519	0.069	0.262	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61.475								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**

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

Parameter Inventory for Station: TIMU0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2 ##	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.732								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	26.	31.333	64.	4.	921.333	30.353	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	1.415	1.274	1.806	0.602	0.377	0.614	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.811								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2 ##	0.088	0.088	0.176	0.	0.016	0.125	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			1.225								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	5	10.5	11.54	23.	5.2	48.358	6.954	**	**	**	**
81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	03/23/82-03/23/82	1 ##	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1	338.9	338.9	338.9	338.9	0.	0.	**	**	**	**
81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	03/23/82-03/23/82	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	1 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	1 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	4	0	0.00	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	9	4.	3.267	6.	0.2	5.13	2.265	0.2	1.1	5.5	6.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	2	7.	7.	10.	4.	18.	4.243	**	**	**	**

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

Station Inventory for Station: TIMU0114

NPS Station ID: TIMU0114 | LAT/LON: 30.445253/ -81.449587 | Agency: 21FLA | Date Created: 07/20/78
Location: SISTERS CREEK S ST GEORGE RIVER | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 19020038
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: NASSAU-ST MARYS | ECO Region:
RF1 Index: 03070205007 | RF1 Mile Point: 9.630 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 03070205008200.00 | RF3 Mile Point: 3.42 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK APPROX 1000 FT SOUTH OF CONFLUENCE WITH FT GEORGE RIVER
FT GEORGE ISLAND SURVEY STA #10

Parameter Inventory for Station: TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	171	4.	5.381	15.	0.	17.526	4.186	0.2	2.	9.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-07/27/98	68	21.15	21.493	30.	10.	34.835	5.902	13.79	16.175	27.3	29.12
00055	VELOCITY, STREAM FT/SEC	07/26/78-07/27/98	45	0.5	0.68	2.	0.	0.181	0.425	0.2	0.45	1.	1.
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	13.75	13.65	17.7	7.9	10.967	3.312	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-07/27/98	69	5.4	6.505	31.	0.05	18.449	4.295	2.9	3.55	8.25	10.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-07/27/98	69	1.1	1.087	1.7	0.4	0.071	0.266	0.8	0.9	1.285	1.4
00081p	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-07/27/98	69	30.	36.232	140.	5.	562.063	23.708	15.	20.	50.	60.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-07/27/98	59	39000.	38591.525	50500.	9550.	93505875.219	9669.844	25000.	33300.	46500.	49500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-07/27/98	62	40875.5	38437.532	48800.	4840.	69011714.122	8307.329	29100.	35700.	44025.	45410.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/14/83-07/27/98	41	6.6	6.668	9.8	4.8	1.759	1.326	4.8	5.55	7.75	8.72
00300p	OXYGEN, DISSOLVED MG/L	05/17/77-07/17/96	58	6.65	6.903	9.3	4.5	1.433	1.197	5.3	5.925	7.925	8.51
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-07/27/98	69	1.1	1.164	3.7	0.2	0.455	0.675	0.6	0.7	1.4	2.
00400p	PH (STANDARD UNITS)	05/18/77-07/27/98	58	7.69	7.593	8.1	6.23	0.115	0.339	7.1	7.4	7.863	7.92
00400p	CONVERTED PH (STANDARD UNITS)	05/18/77-07/27/98	58	7.69	7.393	8.1	6.23	0.156	0.395	7.1	7.4	7.862	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-07/27/98	58	0.02	0.04	0.589	0.008	0.006	0.078	0.012	0.014	0.04	0.079
00403p	PH, LAB, STANDARD UNITS SU	05/17/77-07/27/98	67	7.9	7.866	8.3	7.5	0.03	0.173	7.6	7.8	8.	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-07/27/98	67	7.9	7.83	8.3	7.5	0.031	0.177	7.6	7.8	8.	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-07/27/98	67	0.013	0.015	0.032	0.005	0.	0.007	0.01	0.01	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/17/89-07/27/98	27	110.	108.519	124.	77.	94.952	9.744	95.2	105.	114.	119.
00480	SALINITY - PARTS PER THOUSAND	12/08/82-07/27/98	44	30.15	28.495	35.	10.	29.358	5.418	21.75	26.	32.	34.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-07/27/98	57	17.	21.579	87.	3.	243.748	15.612	10.8	12.5	23.5	38.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-07/27/98	57	4.	4.105	17.	0.	7.417	2.723	2.	2.5	4.	8.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-07/27/98	57	14.	17.474	77.	2.	183.182	13.534	7.8	10.	19.	31.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-07/27/98	50 ##	0.03	0.039	0.28	0.005	0.002	0.046	0.01	0.015	0.031	0.097
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/08/82-06/29/83	3	0.009	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	8 ##	0.003	0.004	0.01	0.	0.	0.004	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-07/27/98	62	0.5	0.519	1.1	0.05	0.071	0.266	0.096	0.374	0.701	0.94
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/82-07/27/98	57 ##	0.025	0.043	0.27	0.002	0.003	0.05	0.01	0.013	0.055	0.102
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-07/27/98	64	0.069	0.105	0.536	0.005	0.011	0.106	0.018	0.044	0.12	0.241
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/24/79-10/11/95	2	6.85	6.85	9.	4.7	9.245	3.041	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-02/21/89	22	18489.	17207.091	20133.	8862.	7368367.325	2714.474	13636.3	15434.25	19020.	19715.1
00945	SULFATE, TOTAL (MG/L AS SO4)	02/16/83-02/16/83	1	1633.	1633.	1633.	1633.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/82-04/06/92	18	0.78	0.767	0.87	0.62	0.005	0.071	0.665	0.718	0.823	0.861

** - Less than 9 observations ## - 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: TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/83-09/06/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/83-09/06/83	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/06/83-09/06/83	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/06/83-09/06/83	1	417.	417.	417.	417.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/06/83-09/06/83	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/06/83-09/06/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/21/89-07/27/98	28	35.	93.25	1400.	4.	66752.861	258.366	7.	20.	72.25	105.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/21/89-07/27/98	28	1.543	1.568	3.146	0.602	0.242	0.492	0.845	1.301	1.859	2.018
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.989								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-07/05/95	41	49.	179.39	1700.	1.	120019.794	346.439	2.6	14.5	135.	498.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-07/05/95	41	1.69	1.672	3.23	0.	0.629	0.793	0.381	1.155	2.13	2.697
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.003								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/21/89-01/08/92	7	7.	6.143	10.	1.5	12.393	3.52	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/21/89-01/08/92	7	0.845	0.689	1.	0.176	0.129	0.36	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.883								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	41	20.	37.817	330.	1.	4778.797	69.129	1.	2.	36.5	87.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	41	1.301	1.061	2.519	0.	0.528	0.727	0.	0.301	1.56	1.943
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.508								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	21	10.	29.643	360.	1.	5962.929	77.22	1.6	4.	17.	61.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	21	1.	0.969	2.556	0.	0.338	0.582	0.201	0.602	1.224	1.781
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.311								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	11/07/89-04/15/91	3	3.	3.667	7.	1.	9.333	3.055	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	11/07/89-04/15/91	3	0.477	0.441	0.845	0.	0.18	0.424	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			2.759								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/21/89-11/07/89	4	85.	212.5	660.	20.	92758.333	304.563	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/21/89-11/07/89	4	1.739	1.899	2.82	1.301	0.546	0.739	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			79.328								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/29/83-09/12/89	31	4.99	5.791	13.48	0.51	9.872	3.142	2.272	3.59	7.77	11.336
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	11/26/84-01/06/86	2	3.245	3.245	3.96	2.53	1.022	1.011	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	11/26/84-01/06/86	2	66.	66.	81.54	50.46	482.983	21.977	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-04/06/92	4 ##	0.02	0.03	0.07	0.01	0.001	0.027	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	06/16/87-10/15/90	2	1844.	1844.	3447.	241.	5139218.	2266.984	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/06/83-09/06/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
72016p	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-07/27/98	63	15.	14.606	30.	3.	45.873	6.773	5.4	8.8	20.	23.6
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	11/26/84-01/06/86	2	2.16	2.16	2.96	1.36	1.28	1.131	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	11/26/84-01/06/86	2	11.63	11.63	19.78	3.48	132.845	11.526	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	11/26/84-01/06/86	2	7.905	7.905	9.72	6.09	6.588	2.567	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	11/26/84-01/06/86	2	11.22	11.22	16.08	6.36	47.239	6.873	**	**	**	**
81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	03/23/82-09/12/84	3	0.55	0.753	1.39	0.32	0.317	0.563	**	**	**	**
81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	3	0.15	0.123	0.17	0.05	0.004	0.064	**	**	**	**
81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	3 ##	0.1	0.092	0.14	0.035	0.003	0.053	**	**	**	**
81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	3	8.34	8.233	10.1	6.26	3.695	1.922	**	**	**	**
81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	3 ##	0.275	0.325	0.6	0.1	0.064	0.254	**	**	**	**
81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-09/12/84	3	429.	397.7	579.	185.1	39524.07	198.807	**	**	**	**
81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	03/23/82-09/12/84	3	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	09/06/83-09/12/84	2 ##	1.3	1.3	2.5	0.1	2.88	1.697	**	**	**	**
81814	O,P'-DDT IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	6.75	6.75	7.5	6.	1.125	1.061	**	**	**	**
81819	ALPHA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	3.	3.	3.5	2.5	0.5	0.707	**	**	**	**
81821	DELTA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
81824	O,P'-DDE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	6.75	6.75	7.5	6.	1.125	1.061	**	**	**	**
81825	O,P'-DDD IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	6.75	6.75	7.5	6.	1.125	1.061	**	**	**	**
81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-09/12/84	3	0.15	0.147	0.18	0.11	0.001	0.035	**	**	**	**
81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-09/12/84	3 ##	0.125	0.188	0.33	0.11	0.015	0.123	**	**	**	**
81832	PCB - 1254 IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	45.	45.	50.	40.	50.	7.071	**	**	**	**
81860	P,P'-DDD IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	8.	8.	8.5	7.5	0.5	0.707	**	**	**	**
81861	P,P'-DDE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	6.	6.	7.5	4.5	4.5	2.121	**	**	**	**
81862	P,P'-DDT IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	19.25	19.25	20.	18.5	1.125	1.061	**	**	**	**
81863	CHLORDANE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	52.5	52.5	55.	50.	12.5	3.536	**	**	**	**
81864	TOXAPHENE IN SHELLFISH TISSUE WET WEIGHT UG/KG	09/06/83-09/12/84	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	12/08/82-10/15/90	19	2.631	2.859	4.85	0.925	0.708	0.841	2.081	2.401	3.425	3.8
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	12/08/82-10/15/90	19	16.	16.947	40.	8.	74.608	8.638	9.	10.	21.	33.
82257	BIOTIC INDEX (SPECIES) INDEX	01/06/86-10/15/90	2	28.	28.	33.	23.	50.	7.071	**	**	**	**

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

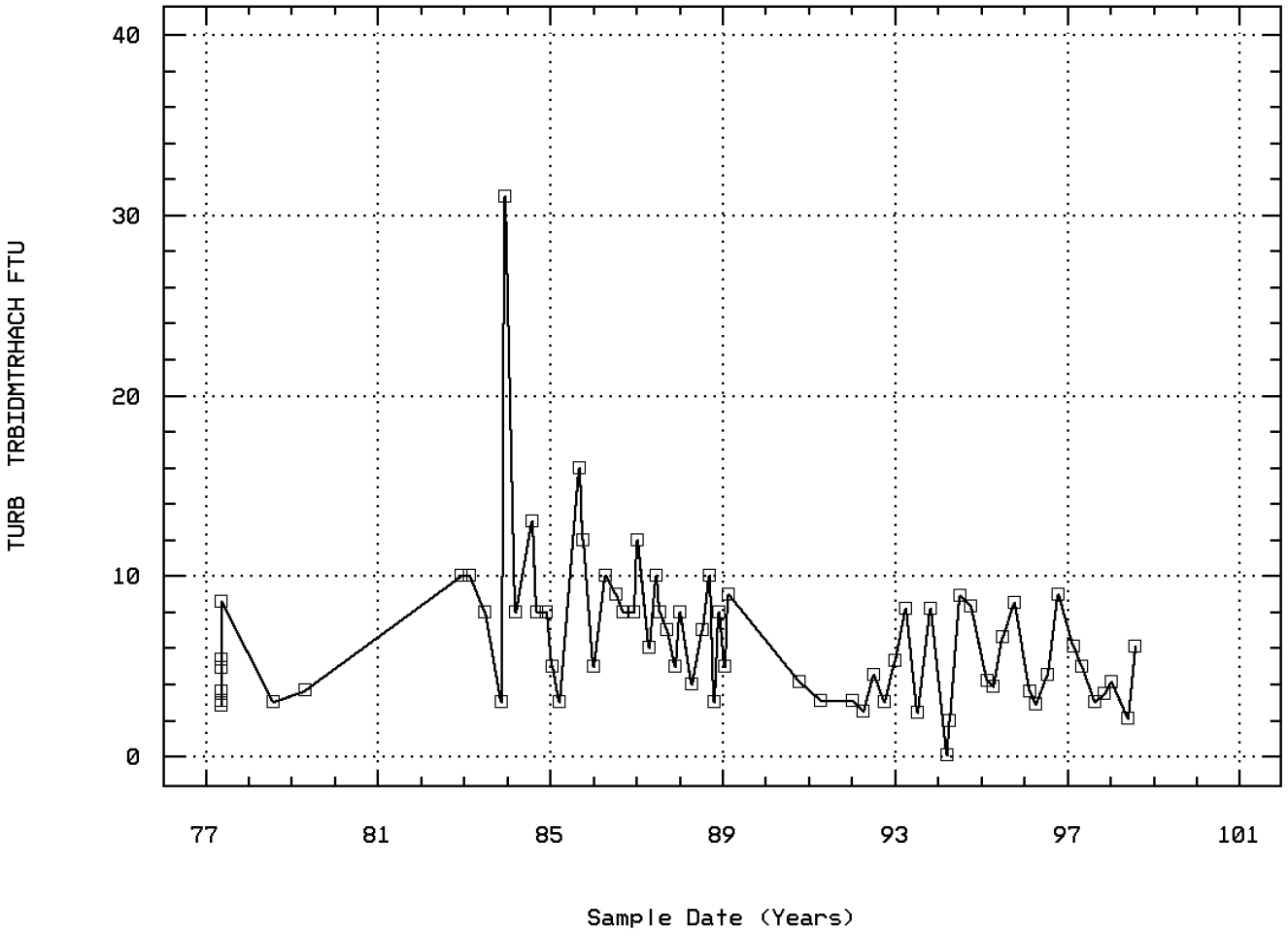
EPA Water Quality Criteria Analysis for Station: TIMU0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	69	0	0.00	43	0	0.00	26	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	41	0	0.00	26	0	0.00	15	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	58	0	0.00	34	0	0.00	24	0	0.00						
00400	PH	Marine Chronic	8.5	58	0	0.00	36	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	58	1	0.02	36	1	0.03	22	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	67	0	0.00	42	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	67	0	0.00	42	0	0.00	25	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	28	1	0.04	18	1	0.06	10	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	41	2	0.05	27	0	0.00	14	2	0.14						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	7	0	0.00	5	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	41	2	0.05	27	0	0.00	14	2	0.14						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	1	0.05	13	1	0.08	8	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: TIMU0114 Parameter Code: 00076

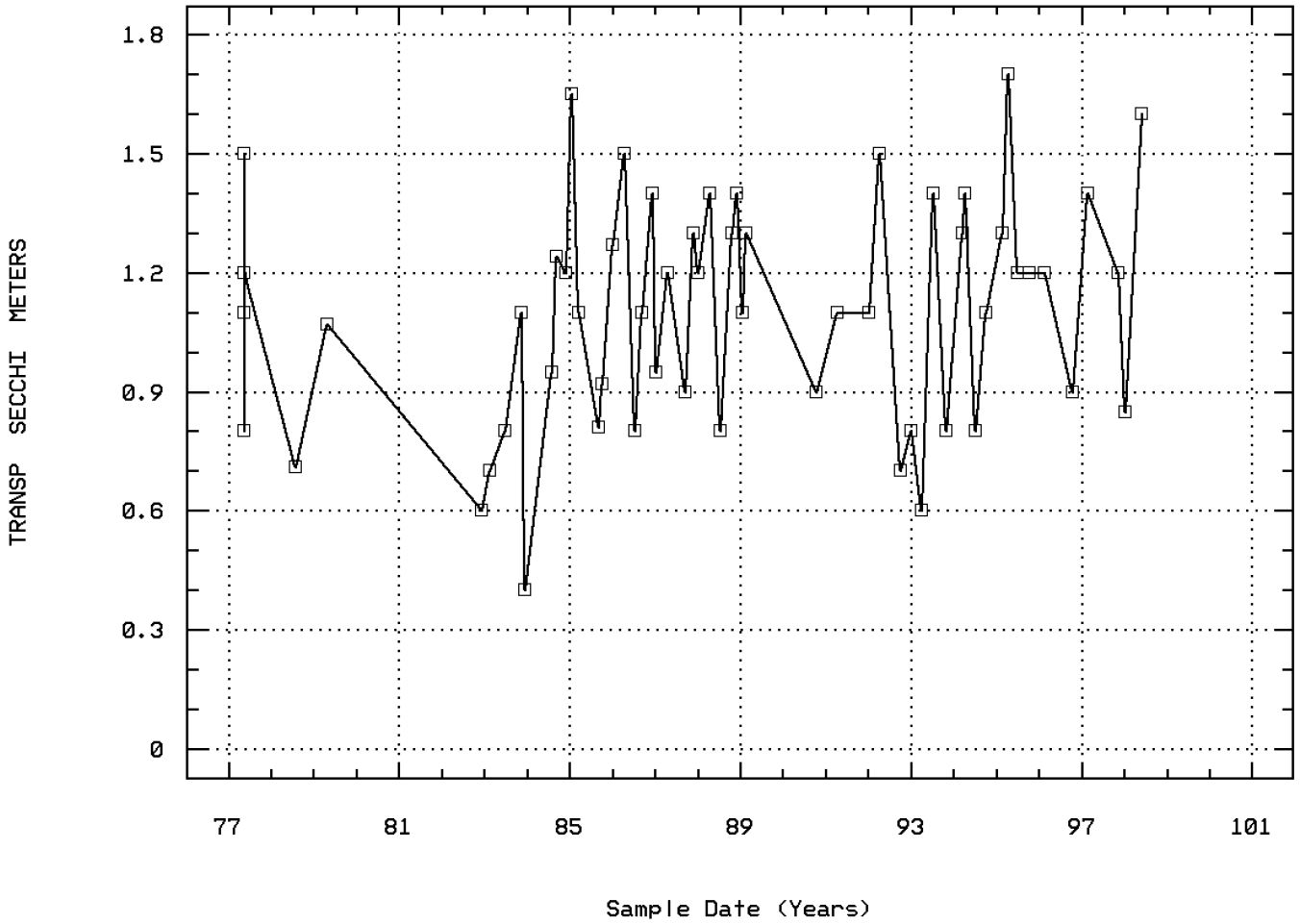
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



SISTERS CREEK S ST GEORGE RIVER

Station: TIMU0114 Parameter Code: 00078

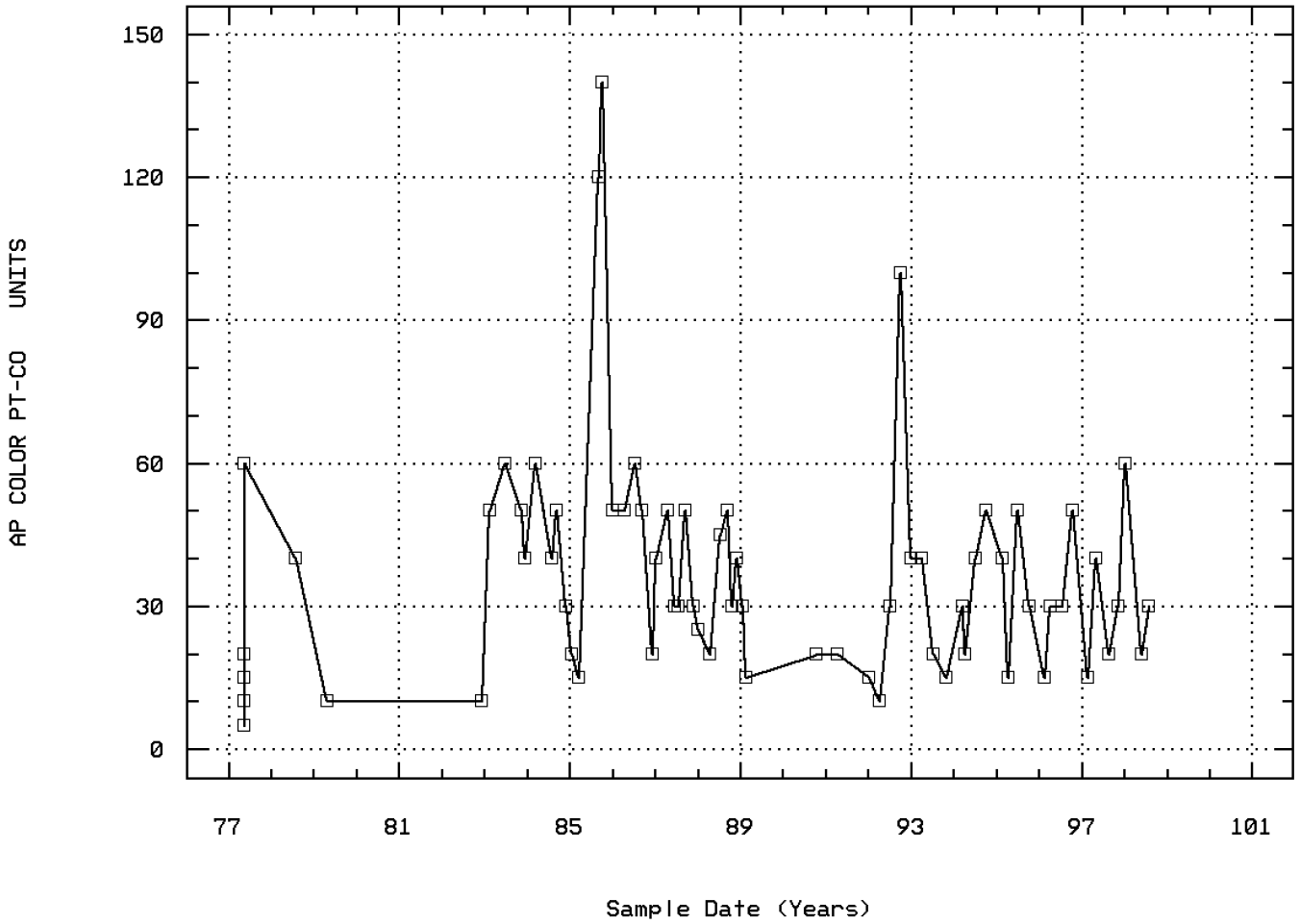
TRANSPARENCY, SECCHI DISC (METERS)



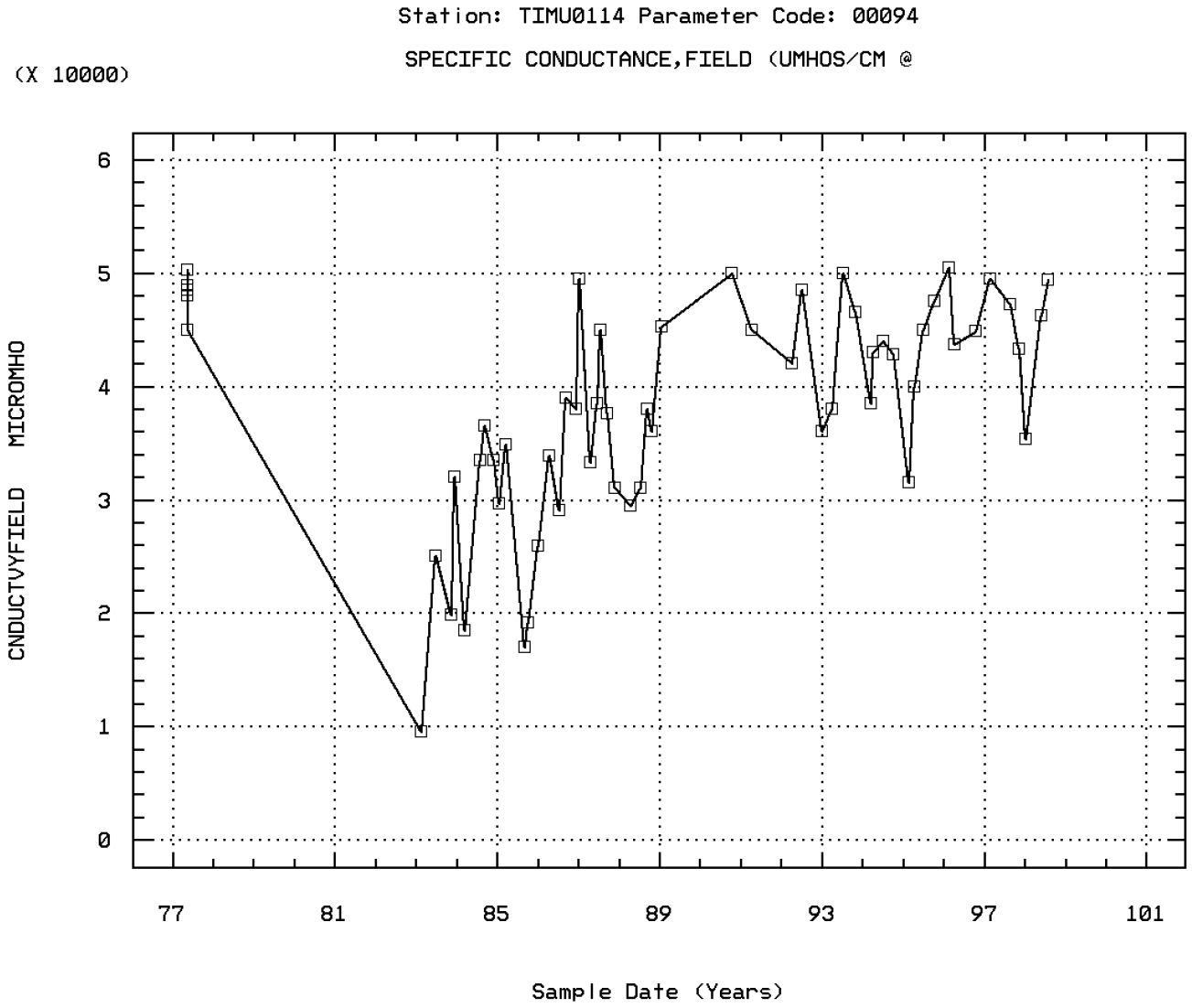
SISTERS CREEK S ST GEORGE RIVER

Station: TIMU0114 Parameter Code: 00081

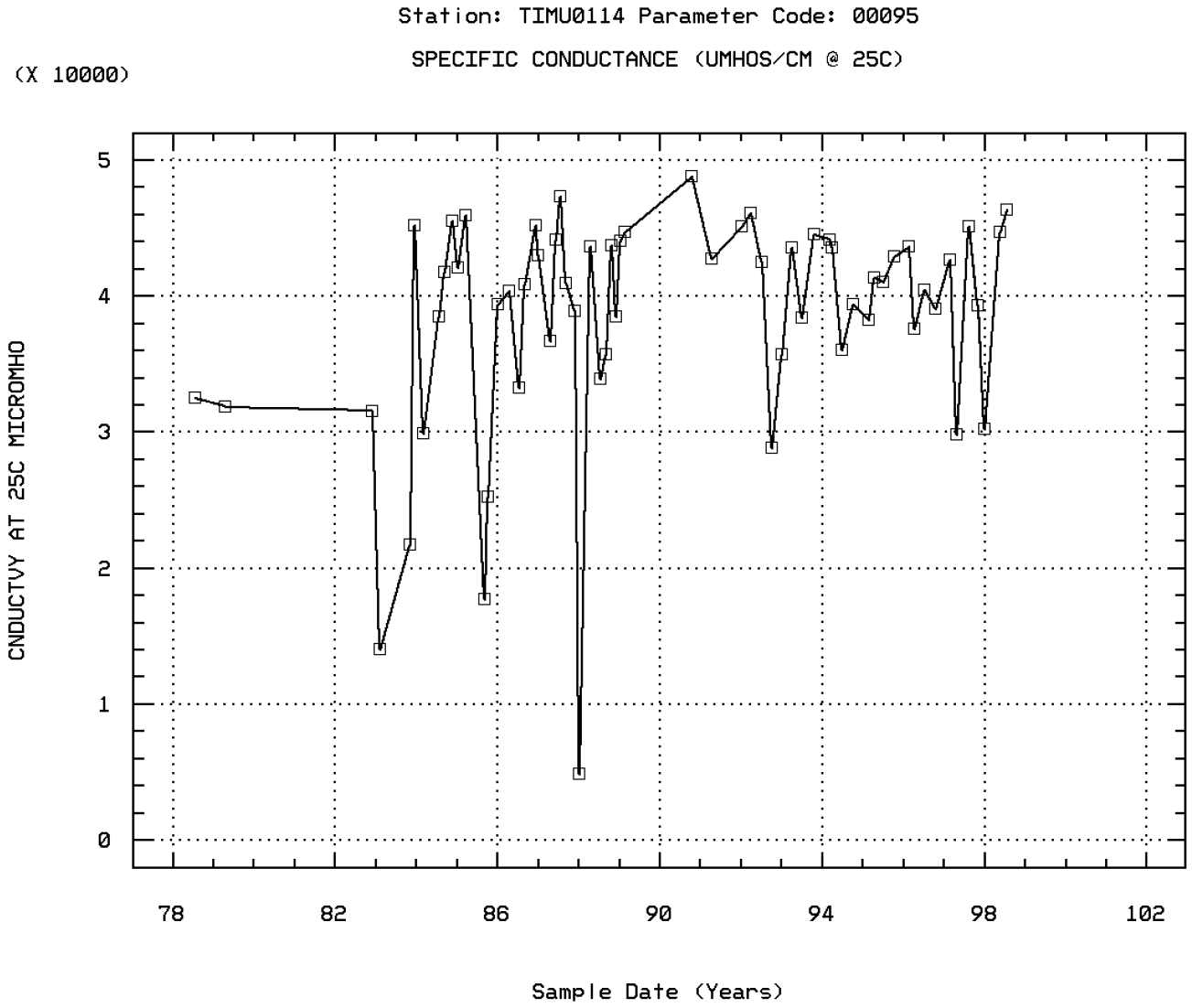
COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-



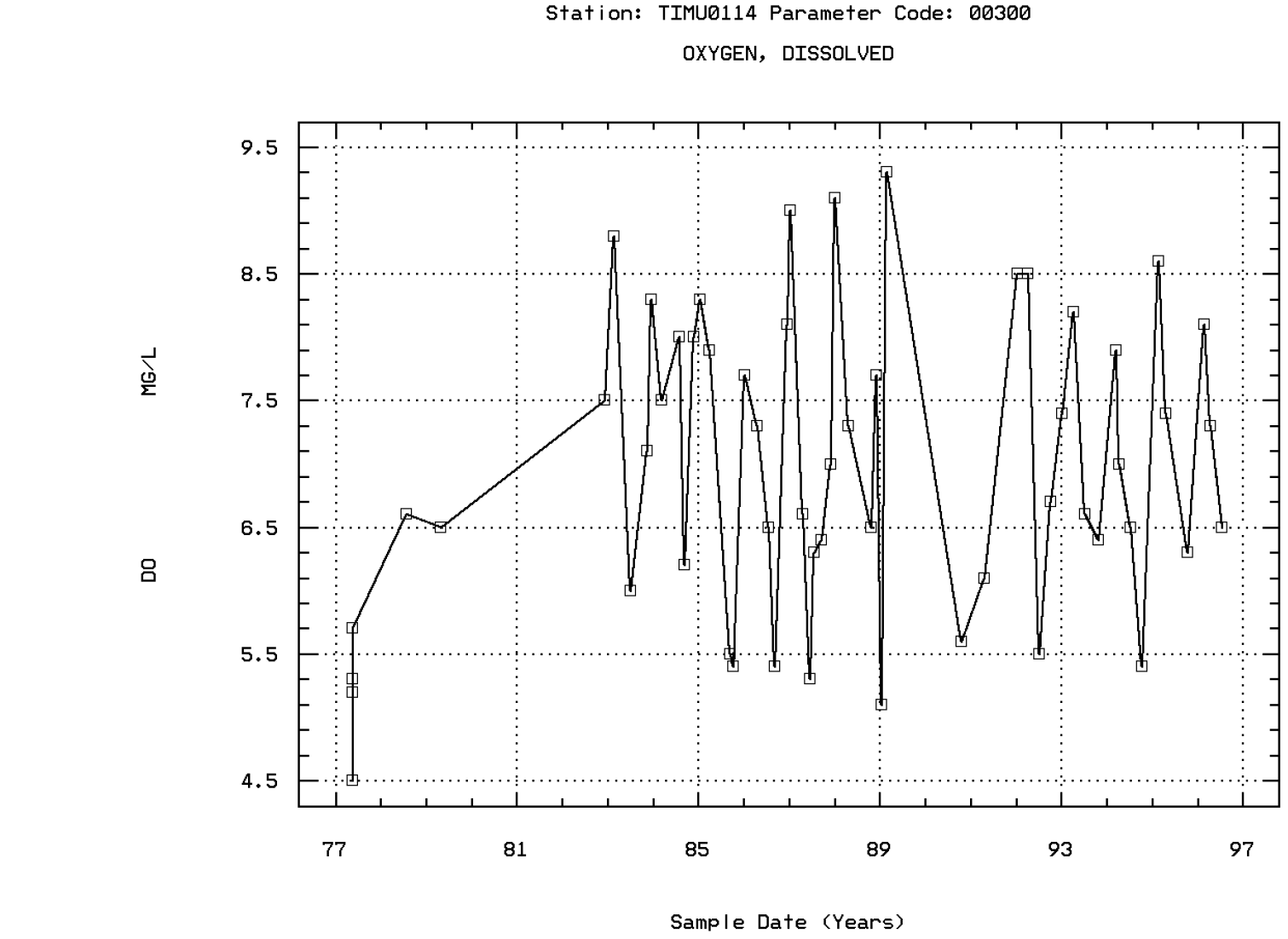
SISTERS CREEK S ST GEORGE RIVER



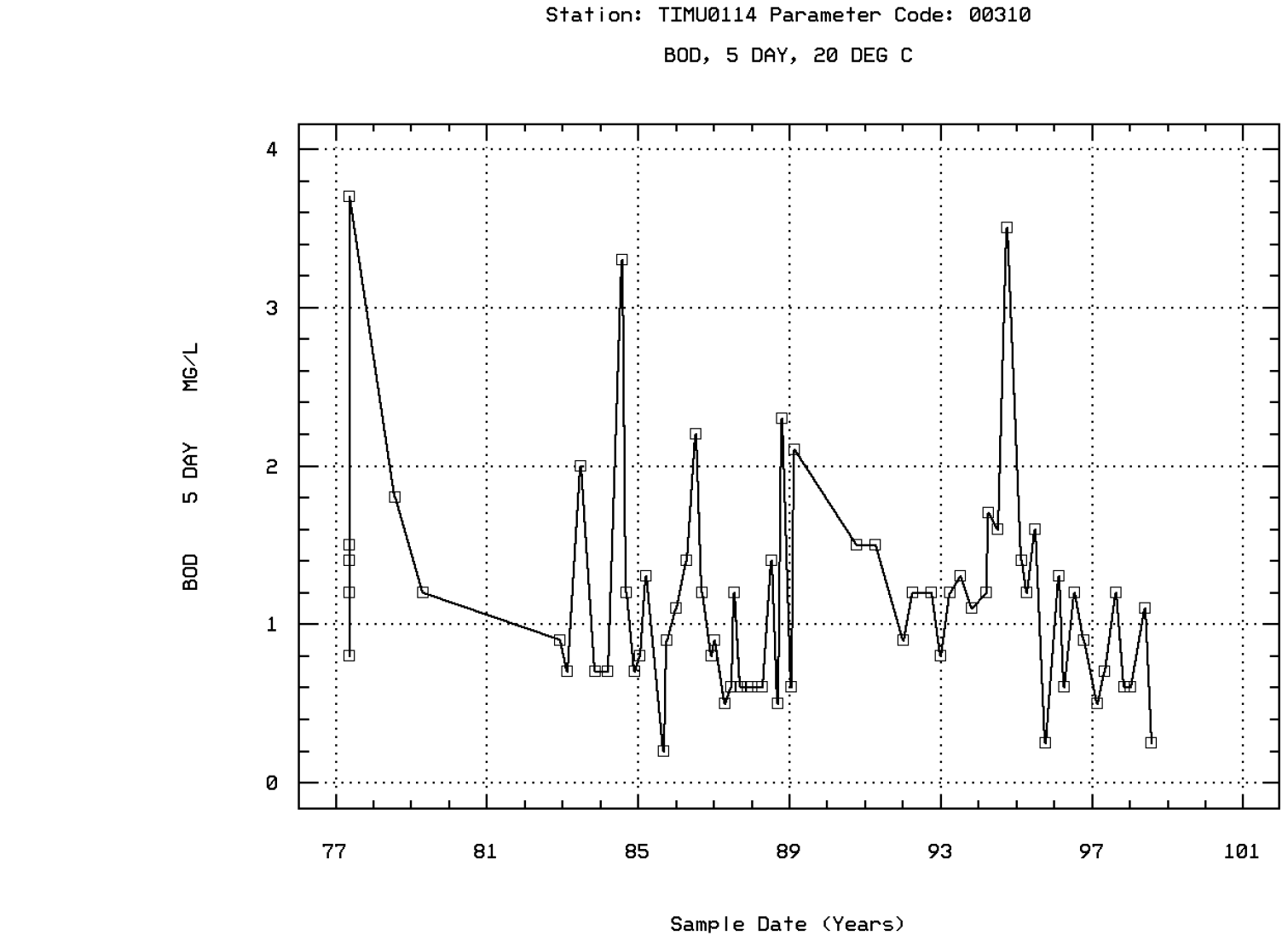
SISTERS CREEK S ST GEORGE RIVER



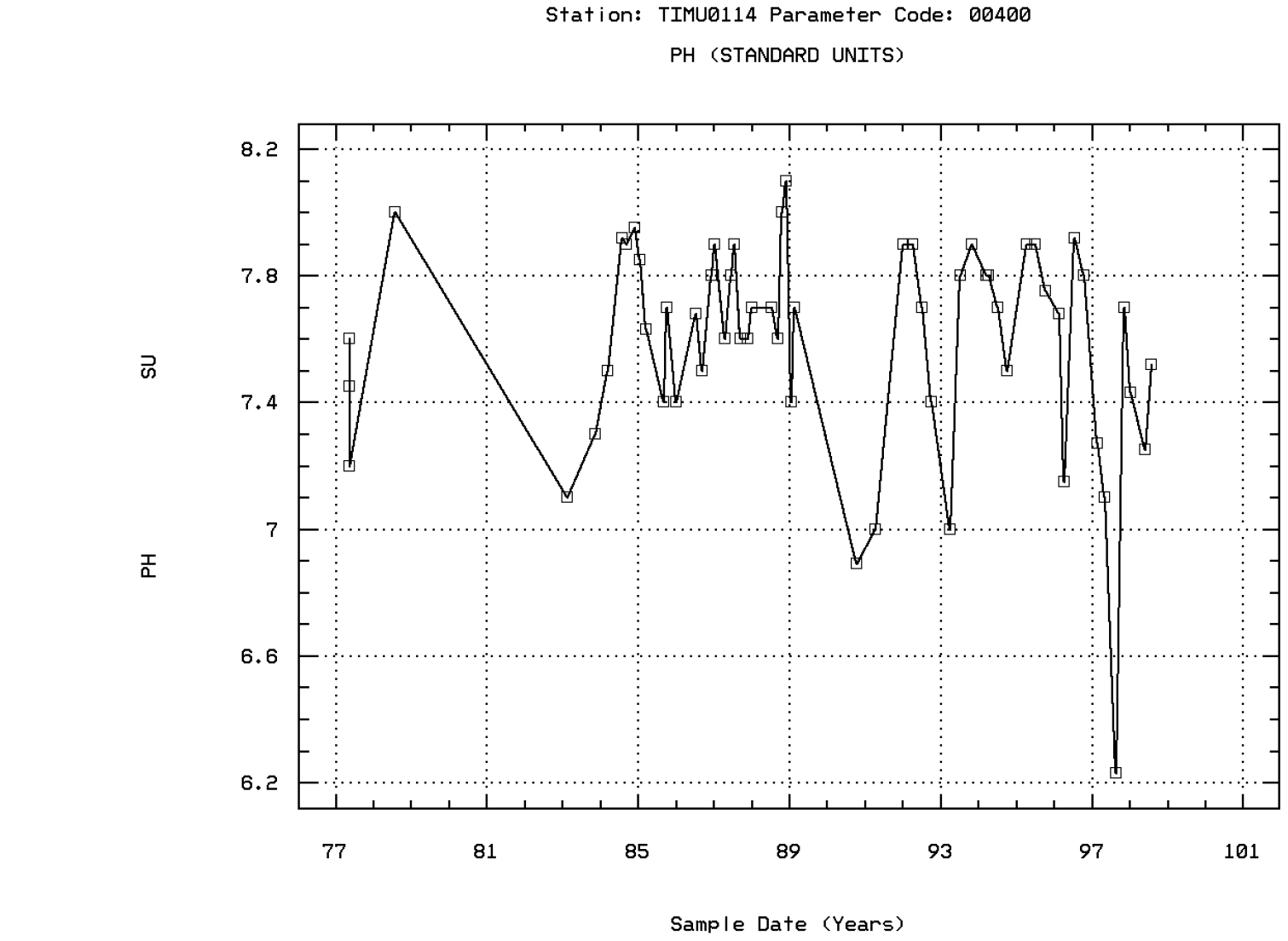
SISTERS CREEK S ST GEORGE RIVER



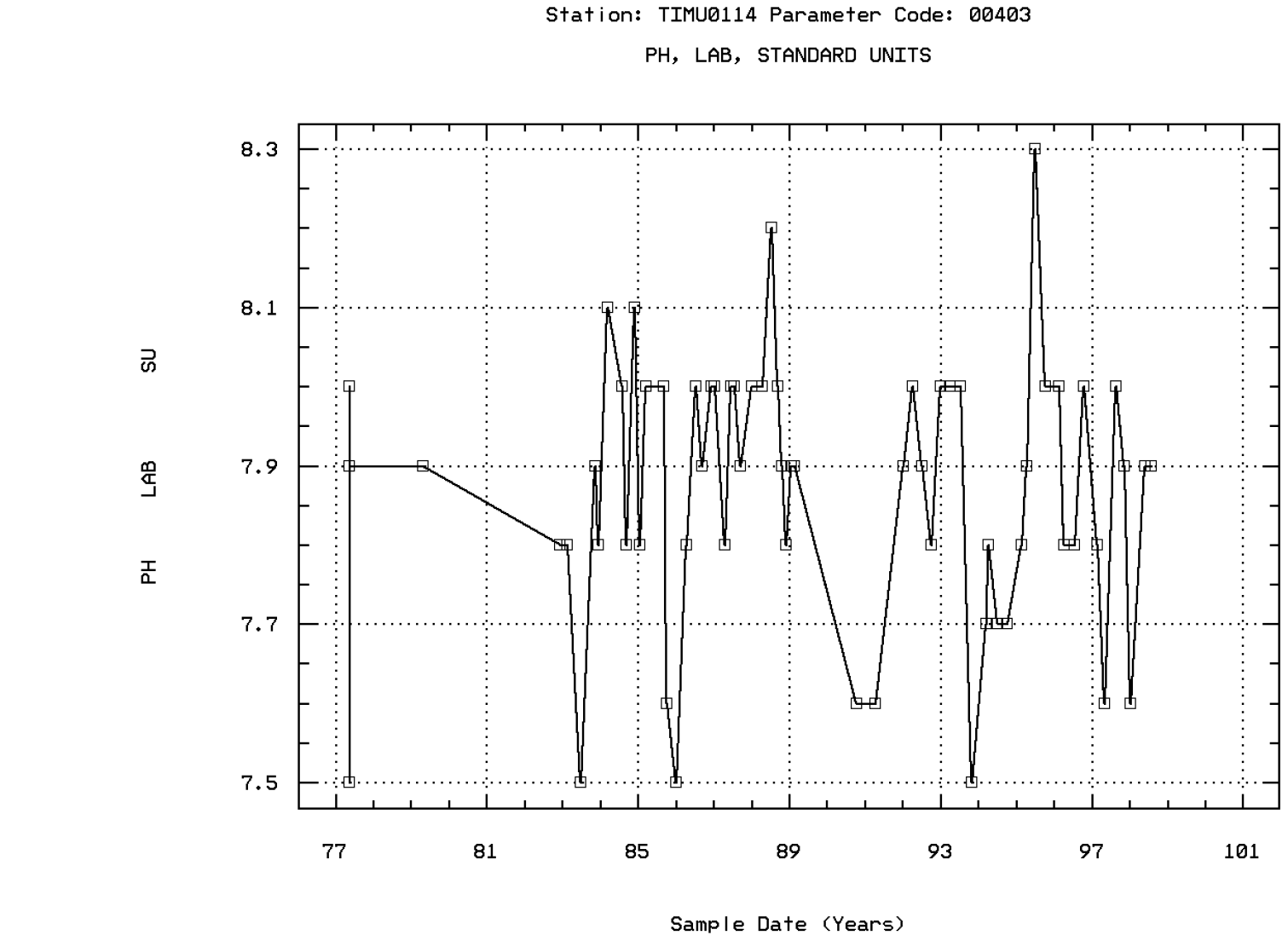
SISTERS CREEK S ST GEORGE RIVER



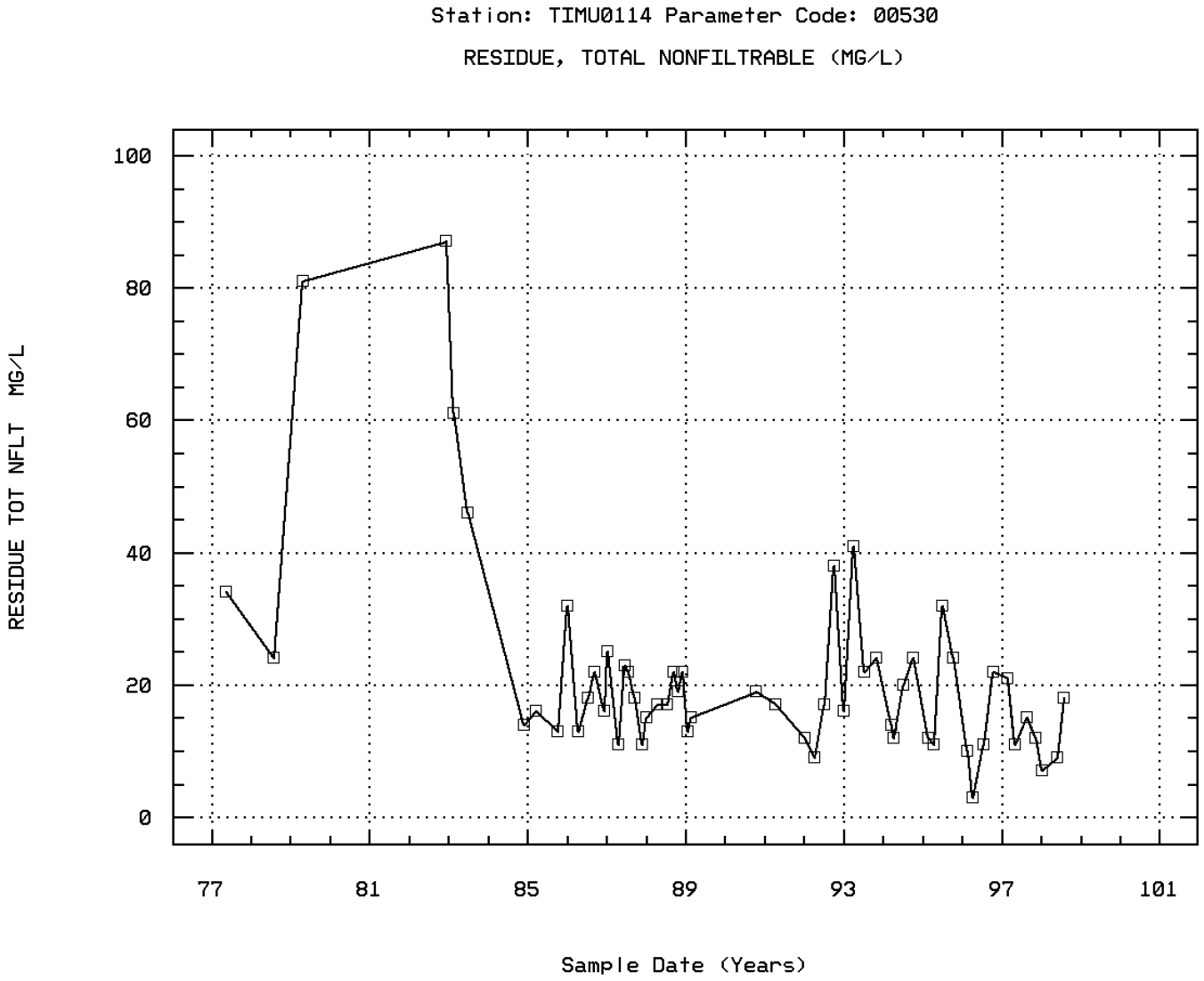
SISTERS CREEK S ST GEORGE RIVER



SISTERS CREEK S ST GEORGE RIVER



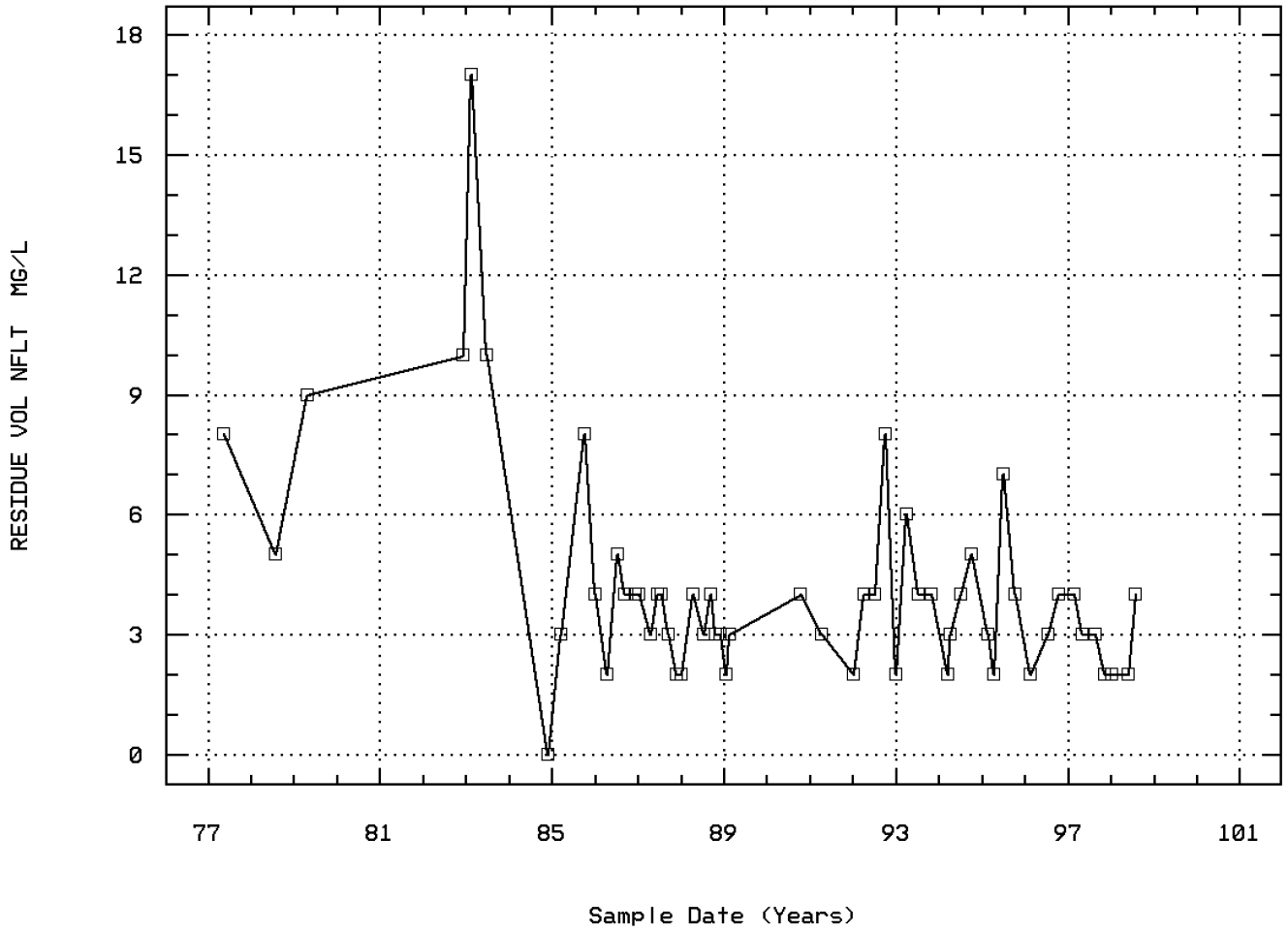
SISTERS CREEK S ST GEORGE RIVER



SISTERS CREEK S ST GEORGE RIVER

Station: TIMU0114 Parameter Code: 00535

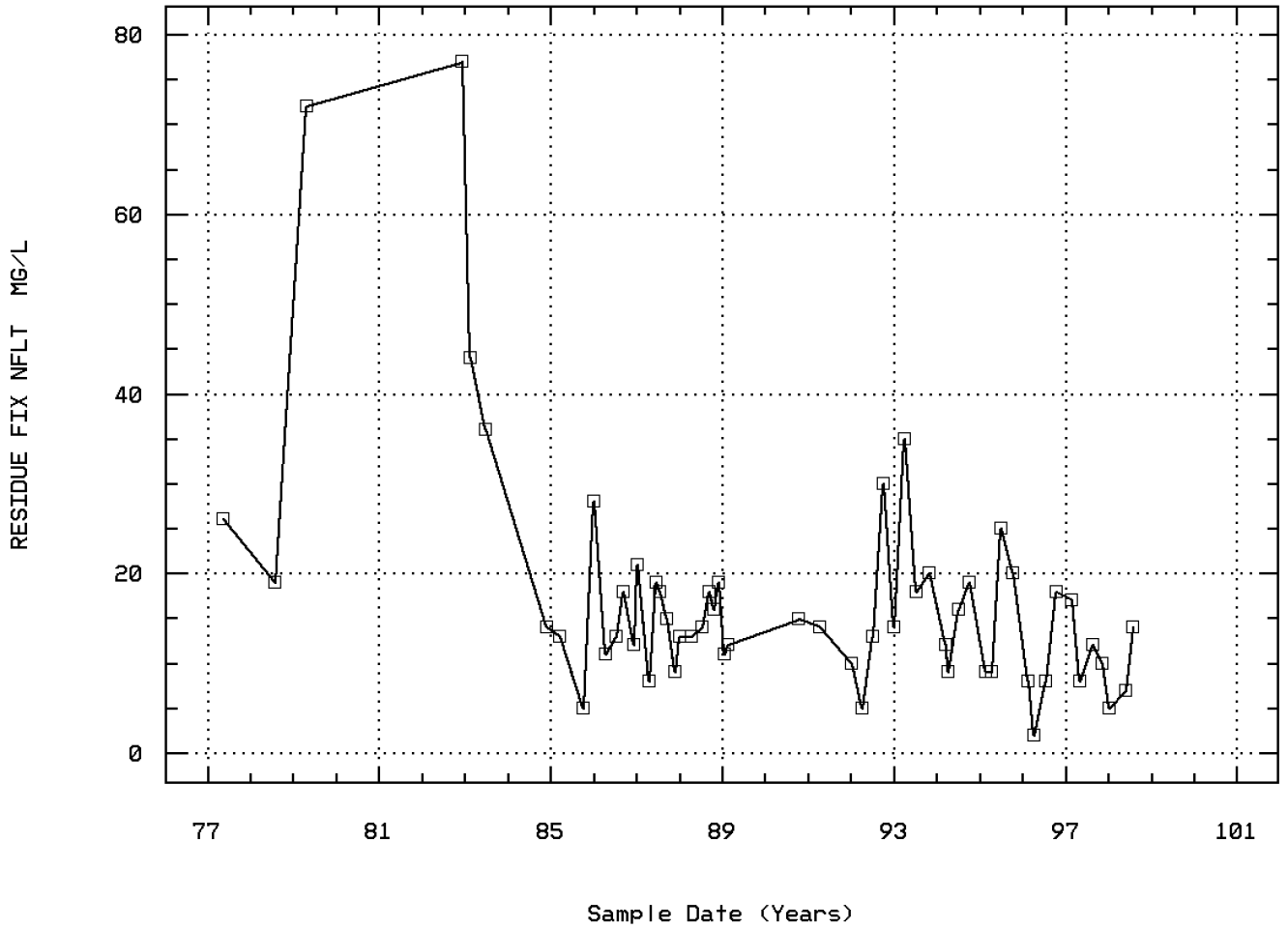
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



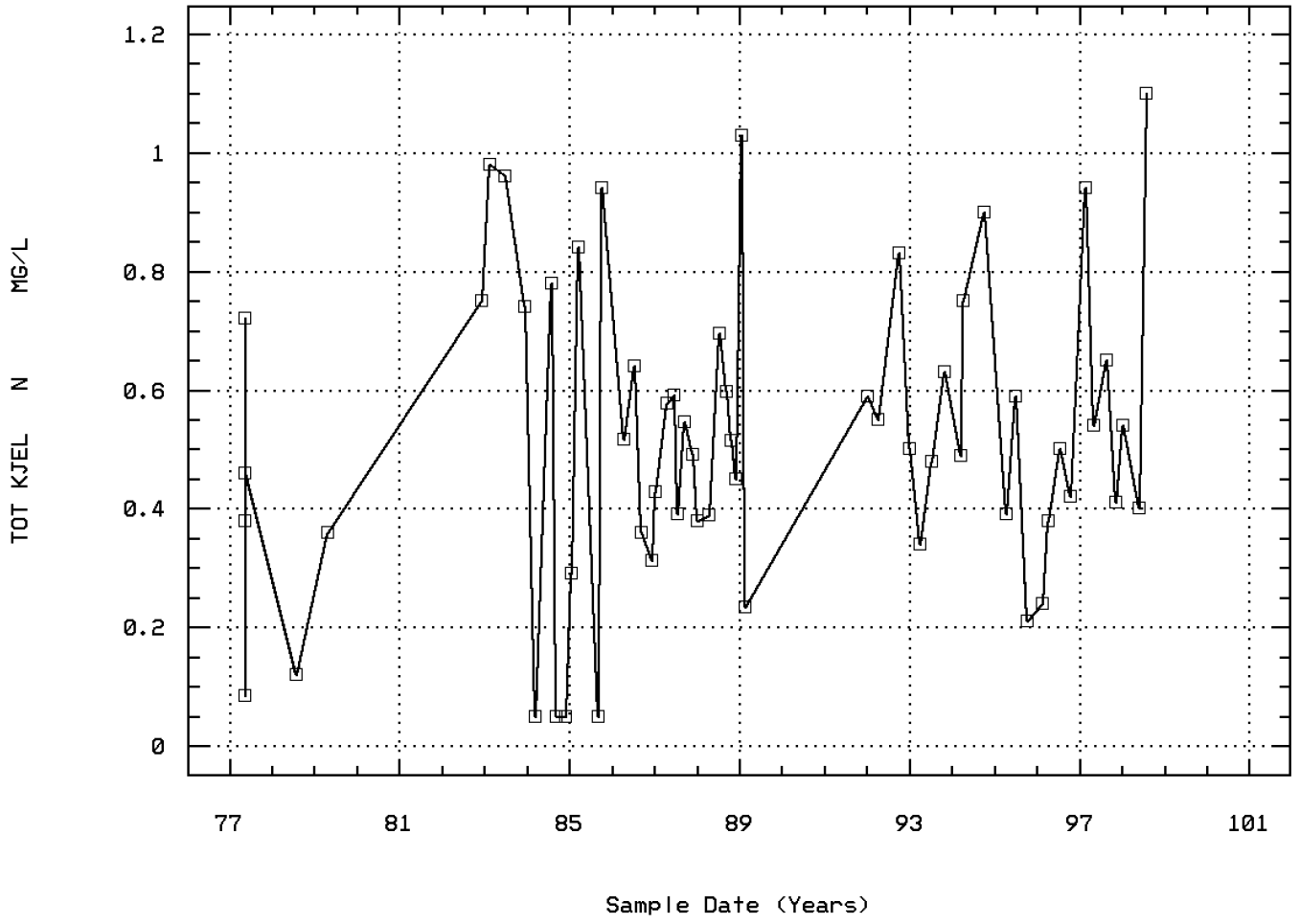
SISTERS CREEK S ST GEORGE RIVER

Station: TIMU0114 Parameter Code: 00540

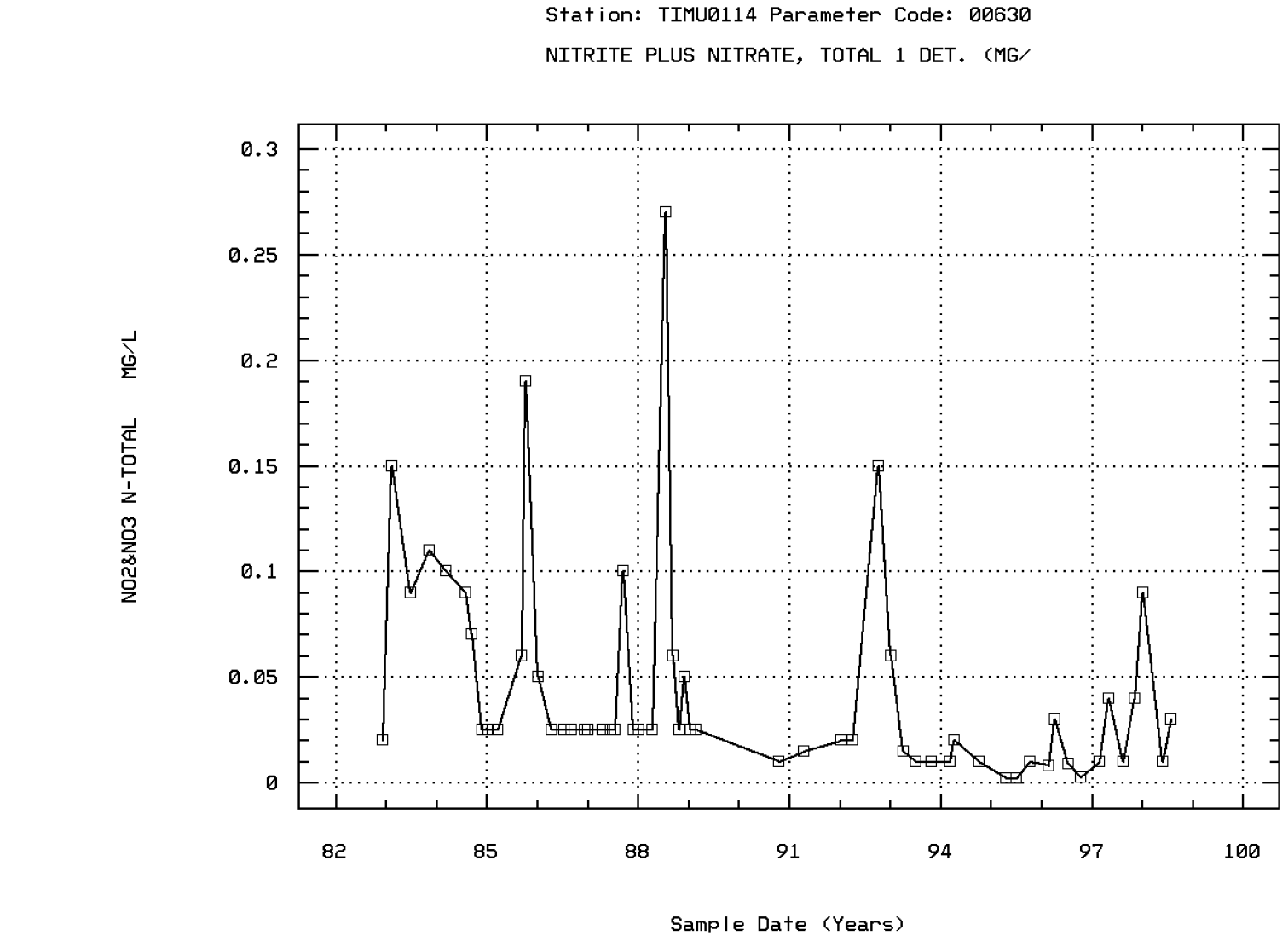
RESIDUE, FIXED NONFILTRABLE (MG/L)



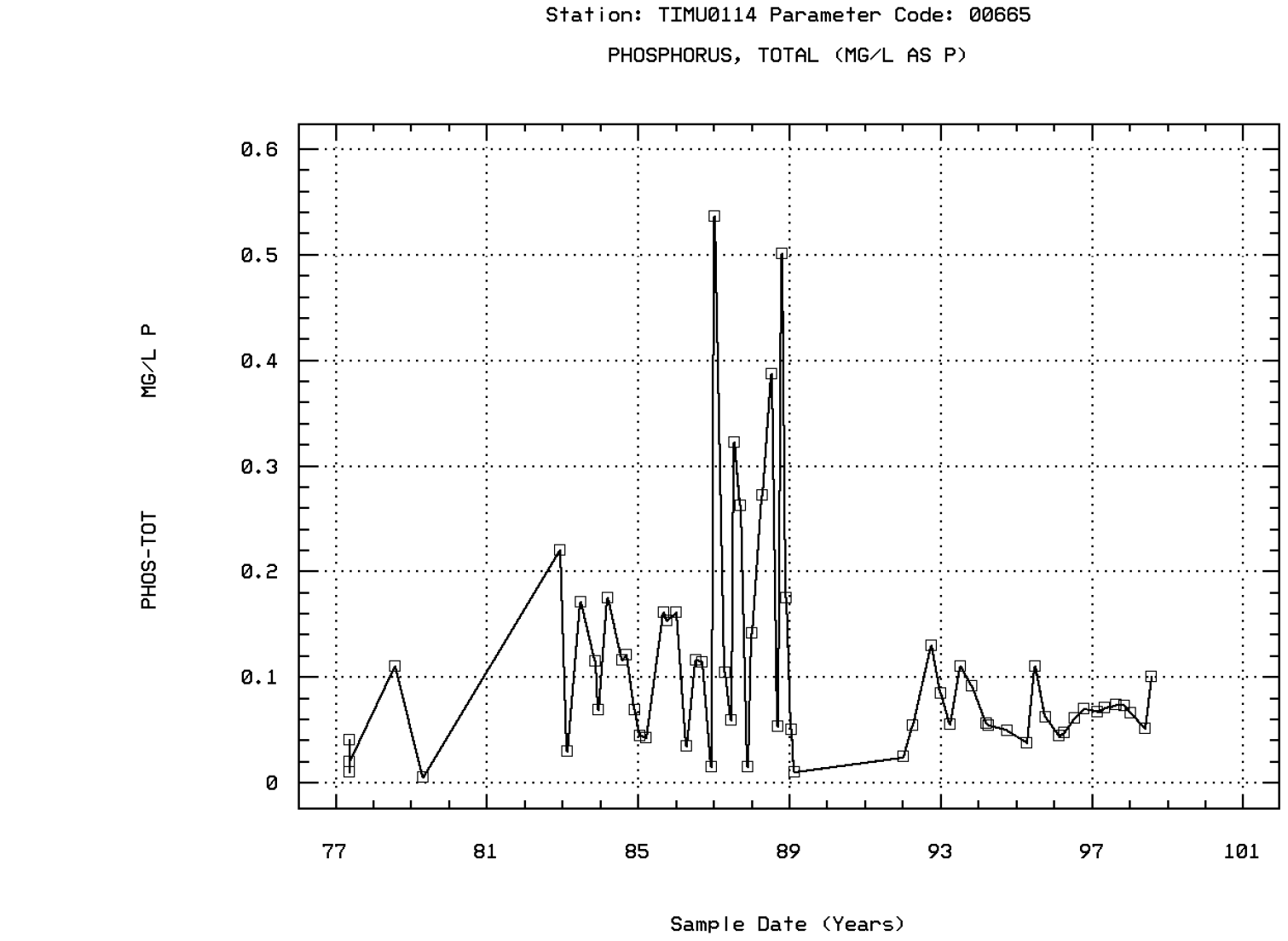
SISTERS CREEK S ST GEORGE RIVER



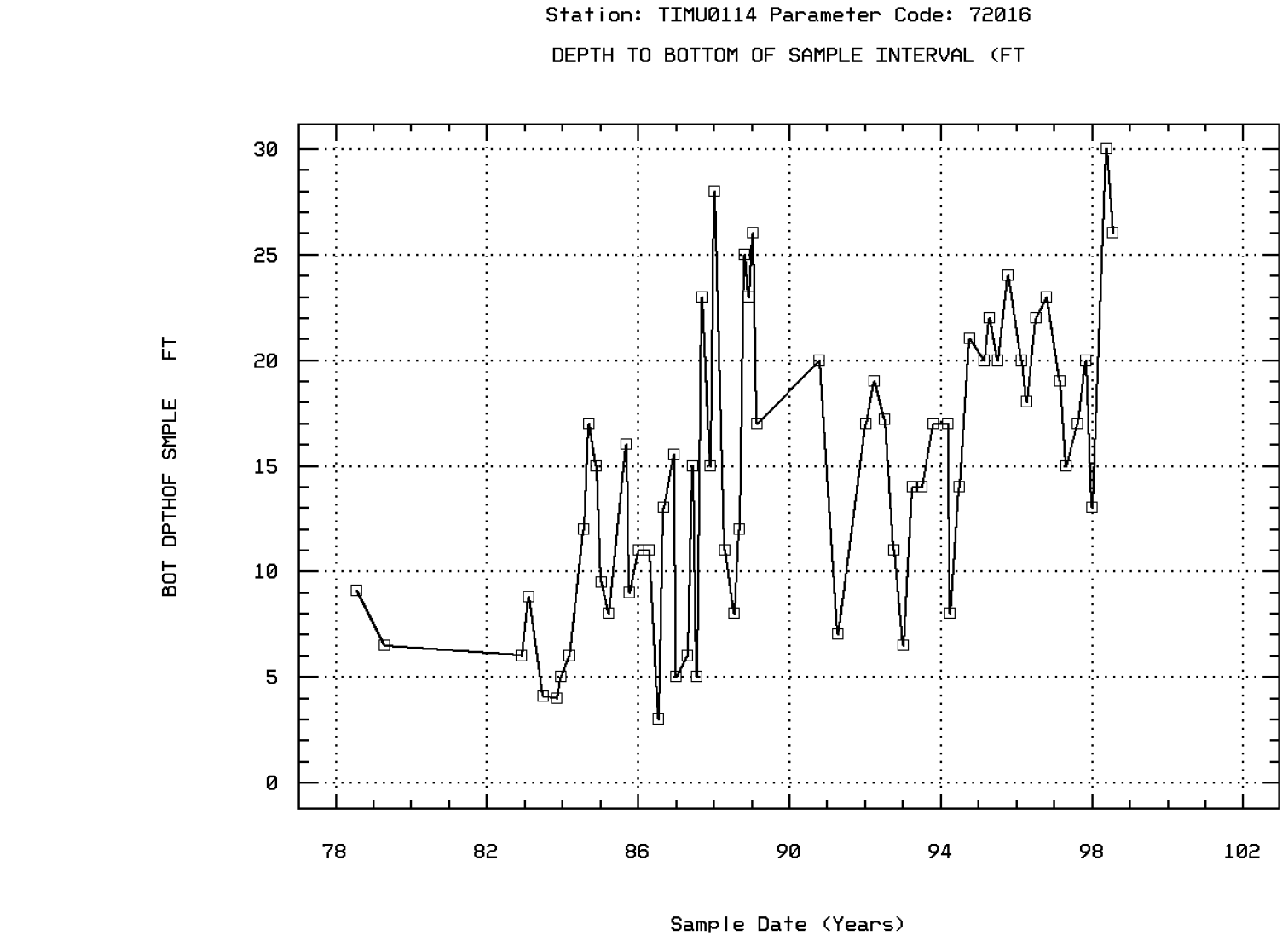
SISTERS CREEK S ST GEORGE RIVER



SISTERS CREEK S ST GEORGE RIVER



SISTERS CREEK S ST GEORGE RIVER



SISTERS CREEK S ST GEORGE RIVER

Annual Analysis for 1977 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	6	6.5	6.167	8.	3.	2.967	1.722	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	2	4.	4.	4.	4.	0.	0.	**	**	**	**

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

Annual Analysis for 1982 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**

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

Annual Analysis for 1983 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	10	3.5	3.6	7.	0.	3.822	1.955	0.2	2.75	4.5	6.9

** - 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 1984 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	8	5.	6.125	15.	3.	16.696	4.086	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	9	4.	3.889	8.	1.	3.861	1.965	1.	2.5	4.5	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 1986 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	13	5.	5.077	12.	1.	13.41	3.662	1.4	2.	7.5	11.6

** - 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 1987 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	14	3.	4.929	15.	2.	17.918	4.233	2.	2.	8.	13.5

** - 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 1988 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	12	5.	5.833	14.	1.	21.97	4.687	1.3	2.	10.5	13.7

** - 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 1989 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	10	2.	3.08	11.	0.2	15.033	3.877	0.2	0.2	5.25	10.8

** - 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 1990 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	4	6.5	5.8	10.	0.2	24.827	4.983	**	**	**	**

** - 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 1991 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	3	4.	2.733	4.	0.2	4.813	2.194	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	10	7.5	5.96	10.	0.2	17.767	4.215	0.2	0.2	9.25	10.

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

Annual Analysis for 1993 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	12	5.	4.4	9.	0.2	13.076	3.616	0.2	0.2	7.	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 1994 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	10	5.5	5.56	11.	0.2	19.554	4.422	0.2	0.2	9.5	11.

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

Annual Analysis for 1995 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	11	10.	6.982	12.	0.2	29.396	5.422	0.2	0.2	11.	12.

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

Annual Analysis for 1996 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	12	9.5	7.067	12.	0.2	26.628	5.16	0.2	0.2	11.	12.

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

Annual Analysis for 1997 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	12	8.5	6.233	10.	0.2	20.355	4.512	0.2	0.2	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

Annual Analysis for 1998 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	9	7.	7.844	15.	0.2	41.538	6.445	0.2	0.2	14.	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	107	4.	5.374	15.	0.	18.81	4.337	0.2	2.	9.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-07/27/98	43	25.9	25.095	30.	18.	13.805	3.716	20.	21.	28.5	29.84
00055	VELOCITY, STREAM FT/SEC	07/26/78-07/27/98	27	0.5	0.663	2.	0.	0.217	0.466	0.17	0.3	1.	1.14
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-07/27/98	43	6.	6.321	16.	2.1	10.312	3.211	3.	3.5	8.5	10.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-07/27/98	43	1.	1.07	1.7	0.7	0.057	0.239	0.8	0.9	1.2	1.46
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-07/27/98	43	30.	39.767	140.	5.	746.373	27.32	15.	20.	50.	60.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-07/27/98	38	43650.	40025.	50300.	16950.	85609695.946	9252.551	24480.	33800.	47625.	49460.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-07/27/98	36	40392.5	38342.694	48800.	17650.	50112688.733	7079.032	27720.	34350.	43425.	45460.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/14/83-07/27/98	26	6.05	6.046	7.8	4.8	0.819	0.905	4.8	5.35	6.7	7.46
00300	OXYGEN, DISSOLVED MG/L	05/17/77-07/17/96	34	6.3	6.165	8.	4.5	0.584	0.764	5.3	5.475	6.6	7.3
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-07/27/98	43	1.2	1.281	3.7	0.2	0.613	0.783	0.5	0.7	1.5	2.26
00400	PH (STANDARD UNITS)	05/18/77-07/27/98	36	7.69	7.578	8.	6.23	0.133	0.364	7.07	7.413	7.875	7.92
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-07/27/98	36	7.69	7.334	8.	6.23	0.194	0.441	7.07	7.413	7.875	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-07/27/98	36	0.02	0.046	0.589	0.01	0.009	0.097	0.012	0.013	0.039	0.086
00403	PH, LAB, STANDARD UNITS SU	05/17/77-07/27/98	42	7.9	7.86	8.3	7.5	0.035	0.187	7.53	7.775	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-07/27/98	42	7.9	7.818	8.3	7.5	0.037	0.192	7.53	7.775	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-07/27/98	42	0.013	0.015	0.032	0.005	0.	0.007	0.01	0.01	0.017	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/17/89-07/27/98	17	113.	109.471	124.	77.	120.39	10.972	93.	104.5	116.	120.
00480	SALINITY - PARTS PER THOUSAND	12/08/82-07/27/98	25	29.	27.696	35.	10.	37.687	6.139	16.7	25.7	32.	34.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-07/27/98	34	19.	21.941	81.	9.	172.966	13.152	11.	14.5	24.	36.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-07/27/98	34	4.	4.382	10.	2.	4.243	2.06	2.	3.	5.	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-07/27/98	34	15.5	17.559	72.	5.	135.466	11.639	8.	11.75	19.	28.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-07/27/98	30 ##	0.03	0.042	0.28	0.005	0.003	0.054	0.006	0.014	0.035	0.097
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-07/27/98	38	0.515	0.523	1.1	0.05	0.071	0.266	0.085	0.386	0.661	0.942
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/82-07/27/98	33	0.025	0.048	0.27	0.002	0.004	0.06	0.005	0.01	0.065	0.134
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-07/27/98	39	0.091	0.112	0.501	0.005	0.011	0.106	0.02	0.049	0.121	0.272
00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/82-04/06/92	8	0.77	0.76	0.86	0.67	0.006	0.075	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/21/89-07/27/98	18	30.	110.278	1400.	7.	104030.095	322.537	9.7	19.	55.	207.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/21/89-07/27/98	18	1.477	1.546	3.146	0.845	0.241	0.491	0.985	1.277	1.736	2.002
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.135								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-07/05/95	27	40.	91.444	490.	1.	14222.256	119.257	2.	10.	130.	284.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-07/05/95	27	1.602	1.536	2.69	0.	0.518	0.72	0.301	1.	2.114	2.453
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.362								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	27	10.	25.111	170.	1.	1388.026	37.256	1.	2.	30.	81.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	27	1.	0.986	2.23	0.	0.427	0.653	0.	0.301	1.477	1.909
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.672								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	13	7.	34.962	360.	1.	9571.269	97.833	1.2	3.5	14.	224.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	13	0.845	0.887	2.556	0.	0.404	0.636	0.07	0.54	1.146	2.054
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.712								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/29/83-09/12/89	20	5.165	6.149	13.48	0.51	12.546	3.542	1.947	3.803	8.98	11.759
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-07/27/98	37	15.	14.862	30.	3.	49.278	7.02	4.82	9.05	20.5	24.2
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	12/08/82-10/15/90	11	2.631	2.893	3.8	2.081	0.327	0.572	2.145	2.46	3.376	3.775
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	12/08/82-10/15/90	11	16.	17.091	33.	9.	46.891	6.848	9.2	11.	21.	31.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-07/27/98	64	4.	5.394	15.	0.2	15.643	3.955	0.2	2.	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-07/27/98	25	15.	15.296	24.	10.	9.836	3.136	10.8	13.75	16.9	19.26
00055	VELOCITY, STREAM FT/SEC	07/26/78-07/27/98	18	0.55	0.706	1.5	0.05	0.136	0.368	0.23	0.5	1.	1.05
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-07/27/98	26	5.15	6.81	31.	0.05	32.703	5.719	2.35	3.475	8.05	10.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-07/27/98	26	1.2	1.116	1.65	0.4	0.095	0.309	0.6	0.925	1.325	1.43
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-07/27/98	26	30.	30.385	60.	10.	217.846	14.76	13.5	15.	40.	53.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-07/27/98	21	36000.	35997.619	50500.	9550.	101820119.048	10090.596	19980.	31250.	43350.	49500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-07/27/98	26	42800.	38568.846	46100.	4840.	98199933.495	9909.588	25130.	37125.	44767.	45620.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/14/83-07/27/98	15	7.8	7.747	9.8	5.5	1.598	1.264	5.74	6.6	8.8	9.62
00300	OXYGEN, DISSOLVED MG/L	05/17/77-07/17/96	24	8.05	7.95	9.3	5.1	0.763	0.873	7.	7.5	8.5	9.05
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-07/27/98	26	0.9	0.969	2.1	0.5	0.145	0.38	0.6	0.675	1.2	1.49
00400	PH (STANDARD UNITS)	05/18/77-07/27/98	22	7.69	7.616	8.1	7.	0.09	0.3	7.115	7.4	7.863	7.935
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-07/27/98	22	7.69	7.51	8.1	7.	0.102	0.319	7.115	7.4	7.862	7.935
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-07/27/98	22	0.02	0.031	0.1	0.008	0.001	0.025	0.012	0.014	0.04	0.077
00403	PH, LAB, STANDARD UNITS SU	05/17/77-07/27/98	25	7.9	7.876	8.1	7.5	0.022	0.148	7.66	7.8	8.	8.04
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-07/27/98	25	7.9	7.85	8.1	7.5	0.023	0.15	7.66	7.8	8.	8.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-07/27/98	25	0.013	0.014	0.032	0.008	0.	0.005	0.009	0.01	0.016	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/17/89-07/27/98	10	107.5	106.9	114.	88.	55.656	7.46	89.7	105.	112.25	113.9
00480	SALINITY - PARTS PER THOUSAND	12/08/82-07/27/98	19	31.	29.547	35.	21.1	17.827	4.222	22.4	27.	32.	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-07/27/98	23	15.	21.043	87.	3.	360.498	18.987	7.8	12.	22.	53.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-07/27/98	23	3.	3.696	17.	0.	12.221	3.496	1.4	2.	4.	8.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-07/27/98	23	12.	17.348	77.	2.	263.055	16.219	5.	9.	19.	40.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-07/27/98	20 ##	0.028	0.035	0.121	0.01	0.001	0.032	0.01	0.015	0.03	0.106
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-07/27/98	24	0.491	0.514	1.03	0.05	0.074	0.272	0.142	0.319	0.748	0.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/82-07/27/98	24 ##	0.025	0.037	0.15	0.008	0.001	0.033	0.01	0.02	0.045	0.095
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-07/27/98	25	0.055	0.092	0.536	0.01	0.012	0.108	0.015	0.043	0.113	0.193
00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/82-04/06/92	10	0.79	0.772	0.87	0.62	0.005	0.071	0.631	0.73	0.818	0.867
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/21/89-07/27/98	10	60.	62.6	150.	4.	2133.6	46.191	4.3	20.5	100.	145.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/21/89-07/27/98	10	1.778	1.608	2.176	0.602	0.268	0.518	0.626	1.26	2.	2.158
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40.576								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-07/05/95	14	75.	349.	1700.	1.	293802.923	542.036	4.	35.	575.	1500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-07/05/95	14	1.874	1.935	3.23	0.	0.788	0.887	0.423	1.527	2.75	3.172
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			86.004								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	14	33.	62.321	330.	1.	10945.985	104.623	1.	1.375	42.25	305.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-07/05/95	14	1.519	1.207	2.519	0.	0.737	0.858	0.	0.132	1.624	2.483
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.092								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	8	12.5	21.	67.	2.	491.143	22.162	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-07/27/98	8	1.094	1.102	1.826	0.301	0.241	0.491	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.645								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/29/83-09/12/89	11	4.71	5.14	9.4	2.18	5.055	2.248	2.344	3.2	7.36	9.074
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-07/27/98	26	15.	14.242	28.	5.	42.571	6.525	5.7	8.	19.	23.9
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	12/08/82-10/15/90	8	2.614	2.813	4.85	0.925	1.349	1.162	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	12/08/82-10/15/90	8	12.	16.75	40.	8.	124.786	11.171	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0115

NPS Station ID: TIMU0115 LAT/LON: 30.445503/ -81.449338 Agency: 11NPSWRD Date Created: 10/24/98
Location: SISTER CK (ICWW) AT SPLIT WITH THE FT GEORGE R FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG07
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 07 WAS AT SISTERS CREEK (INTRACOASTAL WATERWAY AT THE SPLIT WITH THE FORT GEORGE RIVER INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-08/21/90	15	7.	5.2	8.	0.	10.029	3.167	0.	2.	8.	8.
00064	DEPTH OF STREAM, MEAN (FT)	10/24/89-08/21/90	3	16.1	15.533	17.4	13.1	4.863	2.205	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	03/26/90-03/26/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	06/02/87-03/26/90	2	294.	294.	320.	268.	1352.	36.77	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	03/26/90-03/26/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	03/26/90-03/26/90	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	03/26/90-03/26/90	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	06/18/90-06/18/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/16/89-05/16/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/16/89-05/16/89	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/26/90-03/26/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	1	0	0.00				1	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	1	1	1.00				1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	1	0	0.00				1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: TIMU0116

NPS Station ID: TIMU0116 LAT/LON: 30.445559/ -81.449726 Agency: 21FLWQA Date Created: 07/18/87
Location: SISTERS CREEK S.CONFL W/FT.GEORGE R. 04/X2 FG7 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SBS10080 /SJWMD15
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 03070205053000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0117

NPS Station ID: TIMU0117
LAT/LON: 30.460976/ -81.449892
Agency: 11NPSWRD
Date Created: 10/10/98
Location: ICWW/SISTERS CK AT MARKER 67
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_TIM9A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 9A WAS AT INTERCOASTAL WATER WAY (ICWW)/SISTERS CREEK MARKER 67 INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 9A PREVIOUSLY WAS STATION 09 WHICH WAS MOVED 4/98 TO MATCH UP WITH SHELLFISH HARVEST AREA STATION. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/22/98-06/02/98	9	2.	3.	7.	1.	4.5	2.121	1.	1.5	4.5	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/98-06/02/98	5	22.	24.74	28.9	21.9	14.423	3.798	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/98-04/22/98	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/22/98-04/22/98	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/22/98-04/22/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/22/98-04/22/98	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/98-06/02/98	5	40034.	39616.8	40169.	38921.	406377.2	637.477	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/98-06/02/98	5	6.6	6.32	6.8	5.8	0.232	0.482	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/22/98-06/02/98	5	88.2	88.5	90.3	87.8	1.08	1.039	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/98-06/02/98	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/22/98-06/02/98	5	7.86	7.836	7.91	7.77	0.004	0.063	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/22/98-06/02/98	5	7.86	7.832	7.91	7.77	0.004	0.063	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/98-06/02/98	5	0.014	0.015	0.017	0.012	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/22/98-06/02/98	5	25.6	25.3	25.7	24.8	0.21	0.458	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/22/98-06/02/98	3	12.	12.667	14.	12.	1.333	1.155	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/98-06/02/98	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/98-06/02/98	3	0.3	0.25	0.317	0.132	0.01	0.102	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/98-06/02/98	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/98-06/02/98	3	0.031	0.042	0.067	0.028	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 time series plot

Parameter Inventory for Station: TIMU0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/98-06/02/98	3	4640.	4578.667	4651.	4445.	13430.333	115.889	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/98-06/02/98	3	14160.	14116.333	14222.	13967.	17686.333	132.99	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/98-06/02/98	3	0.021	0.022	0.033	0.013	0.	0.01	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/98-06/02/98	3	7.	6.8	7.1	6.3	0.19	0.436	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00406	PH, FIELD	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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: TIMU0118

NPS Station ID: TIMU0118
LAT/LON: 30.533337/ -81.450005
Agency: 1113S050
Date Created: / /
Location: S AMELIA R AT MARKER 41
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 649840
RMI-Indexes: 0319050 000060
Within Park Boundary: No
RMI-Miles: 0002.00 0001.90
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU RIVER
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 17.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070204003904.92
RF3 Mile Point: 5.02
Distance from RF3: 0.37
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	12	14.	13.792	15.	12.2	1.172	1.082	12.2	12.45	14.725	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	11	41000.	41645.455	49600.	34500.	21262727.273	4611.152	35200.	38000.	45000.	49280.
00300	OXYGEN, DISSOLVED MG/L	12/09/65-01/05/66	9	5.1	4.978	7.4	2.6	2.164	1.471	2.6	3.85	6.1	7.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/09/65-01/05/66	9	48.	46.333	71.	24.	175.25	13.238	24.	36.5	52.5	71.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/07/66	11	1.2	1.418	3.9	0.6	0.872	0.934	0.64	0.9	1.4	3.58
00400	PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.2	7.191	7.6	6.6	0.085	0.291	6.66	7.	7.4	7.58
00400	CONVERTED PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.2	7.094	7.6	6.6	0.095	0.309	6.66	7.	7.4	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/65-01/06/66	11	0.063	0.081	0.251	0.025	0.004	0.064	0.026	0.04	0.1	0.226
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	12	162.	150.167	174.	50.	1064.333	32.624	77.	150.5	162.	170.4
00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	12	17950.	17841.667	19400.	16200.	1119015.152	1057.835	16200.	16850.	18750.	19280.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	12	105.	185.	790.	20.	53318.182	230.907	20.	32.5	215.	700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/08/65-01/07/66	12	2.009	1.992	2.898	1.301	0.274	0.523	1.301	1.437	2.329	2.835
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			98.18								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12	49.5	46.5	110.	10.	1054.091	32.467	10.	10.	70.	100.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12	1.695	1.527	2.041	1.	0.164	0.405	1.	1.	1.845	1.998
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.622								

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

EPA Water Quality Criteria Analysis for Station: TIMU0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	2	0.22				9	2	0.22						
00400	PH	Fresh Chronic	9.	11	0	0.00				11	0	0.00						
		Other-Lo Lim.	6.5	11	0	0.00				11	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	12	1.00				12	12	1.00						
		Drinking Water	250.	12	12	1.00				12	12	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	0	0.00				12	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	0	0.00				12	0	0.00						

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

Station Inventory for Station: TIMU0119

NPS Station ID: TIMU0119
LAT/LON: 30.533337/ -81.450005
Agency: 1113S050
Date Created: / /
Location: AMELIA R BELOW PAPER MILL FERNAN
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 649020
RMI-Indexes: 0319100 000030
Within Park Boundary: No
RMI-Miles: 0001.30 0000.80
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST MARYS RIVER
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 17.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070204000516.92
RF3 Mile Point: 17.17
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/65-12/07/65	31	17.8	17.213	20.5	13.8	4.178	2.044	14.	15.2	18.8	19.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/10/65-12/07/65	28	46100.	46248.571	66000.	37800.	26510057.143	5148.792	38000.	44250.	48000.	50000.
00300	OXYGEN, DISSOLVED MG/L	11/09/65-12/07/65	31	6.1	5.987	7.3	4.5	0.428	0.654	5.	5.5	6.5	6.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/09/65-12/07/65	31	77.	75.355	95.	53.	99.17	9.958	59.6	68.	83.	86.8
00310	BOD, 5 DAY, 20 DEG C MG/L	11/10/65-12/06/65	19	2.2	2.679	8.	1.	3.295	1.815	1.	1.7	2.9	6.9
00400	PH (STANDARD UNITS)	11/09/65-12/07/65	31	7.6	7.574	8.	7.2	0.048	0.219	7.3	7.4	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/09/65-12/07/65	31	7.6	7.523	8.	7.2	0.051	0.225	7.3	7.4	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/09/65-12/07/65	31	0.025	0.03	0.063	0.01	0.	0.014	0.013	0.02	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/10/65-12/07/65	28	157.	136.571	180.	96.	925.884	30.428	98.	106.	163.5	168.4
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11/12/65-11/12/65	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/02/65-12/02/65	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/02/65-12/02/65	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/02/65-12/02/65	2	0.01	0.01	0.016	0.004	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/02/65-12/02/65	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/02/65-12/02/65	2	0.2	0.2	0.26	0.14	0.007	0.085	**	**	**	**
00655	PHOSPHATE, POLY (MG/L AS PO4)	12/02/65-12/02/65	2	0.045	0.045	0.09	0.	0.004	0.064	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/02/65-12/02/65	2	0.155	0.155	0.17	0.14	0.	0.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/65-12/07/65	29	18000.	18103.448	20200.	15200.	1348201.97	1161.121	17000.	17500.	18850.	19900.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/09/65-12/07/65	31	790.	1623.065	9200.	10.	3650052.262	1910.511	20.6	80.	2400.	3500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/09/65-12/07/65	31	2.898	2.737	3.964	1.	0.712	0.844	1.313	1.903	3.38	3.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			545.893								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/09/65-12/07/65	31	330.	631.194	3500.	2.	747214.428	864.416	10.	50.	790.	2000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/09/65-12/07/65	31	2.519	2.276	3.544	0.301	0.774	0.88	1.	1.699	2.898	3.301
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			188.955								

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

EPA Water Quality Criteria Analysis for Station: TIMU0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	8	0	0.00	23	0	0.00						
00400	PH	Fresh Chronic	9.	31	0	0.00	8	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	31	0	0.00	8	0	0.00	23	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	29	29	1.00	6	6	1.00	23	23	1.00						
		Drinking Water	250.	29	29	1.00	6	6	1.00	23	23	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	31	15	0.48	8	2	0.25	23	13	0.57						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	21	0.68	8	3	0.38	23	18	0.78						

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

Station Inventory for Station: TIMU0120

NPS Station ID: TIMU0120
LAT/LON: 30.371531/ -81.450420
Agency: 21FLA
Date Created: / /
Location: ICWW AT BUOY NO 9
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080103004
RF1 Mile Point: 0.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103341800.06
RF3 Mile Point: 0.06
Distance from RF3: 0.47
On/Off RF3:
Description:
SEGMENT 20.3AA BODY OF WATER: INTRACOASTAL WATERWAY INTRACOASTAL WATERWAY AT BUOY NO 9.

Parameter Inventory for Station: TIMU0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-03/13/96	68	7.	6.347	14.	0.	20.599	4.539	0.2	1.	10.	11.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-10/10/94	34	21.5	21.971	31.	10.5	26.099	5.109	16.25	18.2	25.825	28.5
00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	14	1.65	1.843	3.	1.	0.553	0.744	1.	1.	2.5	3.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/71-04/03/74	10	7.05	6.57	10.	2.2	8.011	2.83	2.3	3.95	9.125	9.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	24	5.	5.667	14.	1.7	11.65	3.413	2.1	2.725	7.9	11.45
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	21	1.	0.995	1.6	0.5	0.075	0.273	0.7	0.825	1.1	1.48
00080	COLOR (PLATINUM-COBALT UNITS)	12/11/72-04/03/74	8	77.5	82.5	150.	40.	1657.143	40.708	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	24	40.	51.667	160.	10.	1221.014	34.943	17.5	30.	60.	110.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	19	33400.	31152.632	50000.	12200.	102157076.023	10107.278	15000.	24000.	37000.	47800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	31	35900.	33715.839	46000.	8500.	81195378.94	9010.848	20052.	29500.	41000.	42840.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	16	6.9	6.919	9.4	5.4	1.302	1.141	5.54	5.875	7.925	8.7
00300	OXYGEN, DISSOLVED MG/L	09/14/71-10/10/94	36	6.7	6.839	9.3	3.9	1.314	1.146	5.44	6.1	7.875	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-10/10/94	34	1.2	1.638	8.	0.1	1.854	1.362	0.7	0.9	1.95	3.05
00400	PH (STANDARD UNITS)	09/14/71-10/10/94	30	7.7	7.714	8.1	7.2	0.056	0.237	7.41	7.538	7.943	8.
00400	CONVERTED PH (STANDARD UNITS)	09/14/71-10/10/94	30	7.7	7.651	8.1	7.2	0.061	0.246	7.41	7.537	7.943	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-10/10/94	30	0.02	0.022	0.063	0.008	0.	0.013	0.01	0.011	0.029	0.039
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	24	7.85	7.863	8.2	7.5	0.029	0.171	7.65	7.725	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/10/94	24	7.847	7.83	8.2	7.5	0.03	0.175	7.65	7.725	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/10/94	24	0.014	0.015	0.032	0.006	0.	0.006	0.008	0.01	0.019	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	17	100.	97.647	110.	62.	129.368	11.374	84.4	92.5	105.	110.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/14/71-06/04/73	8	5.5	7.5	20.	4.	29.714	5.451	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-10/10/94	23	24.	22.5	32.	7.2	45.177	6.721	10.36	20.	28.	30.
00500	RESIDUE, TOTAL (MG/L)	12/11/72-05/15/73	5	27590.	29556.	39710.	22430.	41857280.	6469.72	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/11/72-05/15/73	5	4432.	6224.6	14670.	3642.	22445591.8	4737.678	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/11/72-05/15/73	5	23950.	23732.	29360.	17860.	17389170.	4170.032	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/71-05/15/73	5	27520.	25028.6	39670.	23.	221491159.8	14882.579	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	33	35.	36.515	80.	8.	443.32	21.055	12.4	17.	53.	68.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-10/10/94	31	7.	8.29	30.	2.	44.013	6.634	2.	3.	11.	18.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	32	24.5	27.844	66.	6.	287.814	16.965	9.3	14.	40.5	55.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-10/10/94	24	0.03	0.062	0.5	0.	0.01	0.101	0.003	0.014	0.081	0.135
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/76-03/09/83	2	0.033	0.033	0.06	0.005	0.002	0.039	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/21/73-07/14/80	9	0.06	0.119	0.52	0.	0.032	0.18	0.	0.004	0.195	0.52
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	21	0.51	0.505	1.1	0.03	0.064	0.253	0.104	0.431	0.675	0.77
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	19	0.09	0.106	0.25	0.015	0.006	0.078	0.02	0.03	0.17	0.23
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/76-10/14/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	28	0.107	0.138	0.517	0.022	0.012	0.109	0.053	0.071	0.168	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 time series plot

Parameter Inventory for Station: TIMU0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/17/73-06/04/73	3	4800.	4700.	4800.	4500.	30000.	173.205	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/72-10/22/90	9	14890.	14797.333	18270.	11000.	5037794.	2244.503	11000.	13285.	16773.	18270.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/90-10/22/90	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	03/09/83-04/06/92	6	0.725	0.69	0.83	0.33	0.034	0.184	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/76-09/16/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/76-09/16/76	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/76-09/16/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/76-09/16/76	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/22/90-03/13/96	13	150.	511.462	3000.	34.	830797.769	911.481	40.4	67.5	350.	2600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/22/90-03/13/96	13	2.176	2.268	3.477	1.531	0.342	0.585	1.598	1.814	2.544	3.407
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			185.537								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/14/71-01/08/92	22	245.	548.227	4600.	22.	963680.66	981.672	31.8	65.	492.5	1427.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/14/71-01/08/92	22	2.388	2.357	3.663	1.342	0.35	0.591	1.492	1.809	2.692	3.131
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			227.718								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/22/90-01/08/92	3	40.	42.667	70.	18.	681.333	26.102	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/22/90-01/08/92	3	1.602	1.567	1.845	1.255	0.088	0.296	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			36.938								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	125.	149.75	330.	70.	7925.929	89.028	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/11/72-04/03/74	8	2.097	2.116	2.519	1.845	0.057	0.238	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			130.499								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/08/92	18	79.	195.556	1700.	1.	156579.908	395.702	4.6	27.5	140.	620.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/11/72-01/08/92	18	1.898	1.785	3.23	0.	0.558	0.747	0.629	1.433	2.143	2.752
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.902								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-03/13/96	11	43.	107.909	400.	6.	22416.891	149.723	6.8	14.	150.	400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/14/76-03/13/96	11	1.633	1.661	2.602	0.778	0.365	0.604	0.823	1.146	2.176	2.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.828								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/22/90-04/22/91	2	0.628	0.628	0.778	0.477	0.045	0.213	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			4.243								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/07/85-01/05/87	4	4.715	4.388	5.79	2.33	2.442	1.563	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/11/72-04/06/92	12	0.062	0.065	0.128	0.014	0.002	0.04	0.015	0.03	0.1	0.124
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	23	18.	17.352	29.	8.	37.527	6.126	9.8	12.	21.	26.84

** - 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: TIMU0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	5	0	0.00	5	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	24	0	0.00	16	0	0.00	8	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	11	0	0.00	5	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	36	1	0.03	22	1	0.05	14	0	0.00						
00400	PH	Marine Chronic	8.5	30	0	0.00	20	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	30	0	0.00	20	0	0.00	10	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	24	0	0.00	16	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	24	0	0.00	16	0	0.00	8	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	2	0.15	7	2	0.29	6	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	2	0.09	14	0	0.00	8	2	0.25						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	2	0.25	4	2	0.50	4	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	3	0.17	11	2	0.18	7	1	0.14						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	2	0.18	6	2	0.33	5	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-03/13/96	39	9.	6.574	13.	0.2	20.2	4.494	0.2	1.	10.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-10/10/94	22	25.	24.705	31.	19.	12.659	3.558	19.3	21.	27.925	29.7
00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	9	1.5	1.756	3.	1.	0.563	0.75	1.	1.	2.5	3.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	16	5.3	5.663	14.	1.7	10.073	3.174	1.91	2.85	7.9	10.15
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	14	1.	1.035	1.6	0.7	0.077	0.278	0.72	0.838	1.175	1.55
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	16	45.	54.375	160.	10.	1466.25	38.292	17.	30.	60.	132.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	12	33000.	32358.333	50000.	15000.	106402651.515	10315.166	15960.	27200.	37000.	49340.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	19	34900.	33554.947	46000.	10900.	71916831.719	8480.379	19040.	29800.	41000.	42200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	11	6.2	6.4	8.	5.4	0.642	0.801	5.44	5.8	7.	7.84
00300p	OXYGEN, DISSOLVED MG/L	09/14/71-10/10/94	22	6.3	6.232	7.9	3.9	0.778	0.882	5.02	5.675	6.75	7.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-10/10/94	21	1.6	1.91	8.	0.3	2.482	1.575	0.82	1.05	2.2	3.08
00400p	PH (STANDARD UNITS)	09/14/71-10/10/94	20	7.6	7.654	8.	7.2	0.053	0.231	7.31	7.5	7.9	7.95
00400p	CONVERTED PH (STANDARD UNITS)	09/14/71-10/10/94	20	7.6	7.596	8.	7.2	0.057	0.238	7.31	7.5	7.9	7.95
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-10/10/94	20	0.025	0.025	0.063	0.01	0.	0.014	0.011	0.013	0.032	0.049
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	16	7.8	7.844	8.2	7.5	0.036	0.19	7.57	7.7	7.975	8.13
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/10/94	16	7.8	7.806	8.2	7.5	0.037	0.194	7.57	7.7	7.975	8.13
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/10/94	16	0.016	0.016	0.032	0.006	0.	0.007	0.007	0.011	0.02	0.027
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	10	98.5	96.6	110.	62.	204.489	14.3	64.8	91.5	109.25	110.
00480	SALINITY - PARTS PER THOUSAND	09/14/71-10/10/94	15	23.	21.507	30.	7.2	41.628	6.452	8.88	20.	25.	30.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	20	33.	36.55	80.	8.	495.945	22.27	12.	15.5	53.25	73.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-10/10/94	19	7.	7.526	19.	2.	22.596	4.754	2.	3.	11.	14.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	20	22.5	28.4	66.	6.	353.2	18.794	7.2	12.5	41.75	63.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-10/10/94	14	0.03	0.079	0.5	0.	0.016	0.126	0.005	0.028	0.083	0.315
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	13	0.52	0.477	1.1	0.03	0.096	0.31	0.058	0.14	0.675	0.972
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	11	0.11	0.125	0.25	0.025	0.006	0.075	0.026	0.06	0.2	0.242
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	17	0.11	0.144	0.517	0.05	0.011	0.107	0.052	0.085	0.17	0.279
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	15	19.7	17.447	29.	8.	38.307	6.189	8.6	12.	21.	27.2

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/71-03/13/96	29	7.	6.041	14.	0.	21.707	4.659	0.2	0.6	10.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/71-10/10/94	12	17.	16.958	22.	10.5	11.774	3.431	10.65	16.125	19.625	21.61
00055	VELOCITY, STREAM FT/SEC	03/09/83-10/10/94	5	2.	2.	3.	1.	0.625	0.791	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/77-10/10/94	8	3.75	5.675	14.	2.2	16.694	4.086	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/02/77-10/10/94	7	0.9	0.914	1.3	0.5	0.071	0.266	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/02/77-10/10/94	8	40.	46.25	100.	15.	819.643	28.629	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/76-10/10/94	7	33400.	29085.714	39500.	12200.	103508095.238	10173.893	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/72-10/10/94	12	37900.	33970.583	43000.	8500.	103644347.72	10180.587	13180.	27500.	41075.	43000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/76-10/10/94	5	8.	8.06	9.4	6.8	0.908	0.953	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/14/71-10/10/94	14	7.9	7.793	9.3	6.1	0.678	0.823	6.15	7.575	8.3	8.85
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/14/71-10/10/94	13	1.	1.2	3.2	0.1	0.625	0.791	0.3	0.8	1.4	2.84
00400p	PH (STANDARD UNITS)	09/14/71-10/10/94	10	7.85	7.834	8.1	7.5	0.045	0.213	7.51	7.6	8.025	8.1
00400p	CONVERTED PH (STANDARD UNITS)	09/14/71-10/10/94	10	7.847	7.786	8.1	7.5	0.048	0.219	7.51	7.6	8.025	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/71-10/10/94	10	0.014	0.016	0.032	0.008	0.	0.008	0.008	0.009	0.025	0.031
00403	PH, LAB, STANDARD UNITS SU	11/02/77-10/10/94	8	7.9	7.9	8.1	7.7	0.017	0.131	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/77-10/10/94	8	7.9	7.883	8.1	7.7	0.017	0.132	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/77-10/10/94	8	0.013	0.013	0.02	0.008	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/11/72-10/10/94	7	100.	99.143	107.	90.	33.81	5.815	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/71-10/10/94	8	26.5	24.363	32.	10.9	52.651	7.256	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/15/71-10/10/94	13	35.	36.462	71.	13.	396.936	19.923	13.8	17.	53.	68.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/11/72-10/10/94	12	6.5	9.5	30.	2.	80.455	8.97	2.	3.	15.25	27.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/11/72-10/10/94	12	26.5	26.917	54.	10.	199.538	14.126	10.3	14.25	37.75	51.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/71-10/10/94	10 ##	0.023	0.038	0.14	0.	0.002	0.044	0.001	0.009	0.052	0.135
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/77-10/10/94	8	0.5	0.551	0.73	0.431	0.015	0.122	**	**	**	**

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

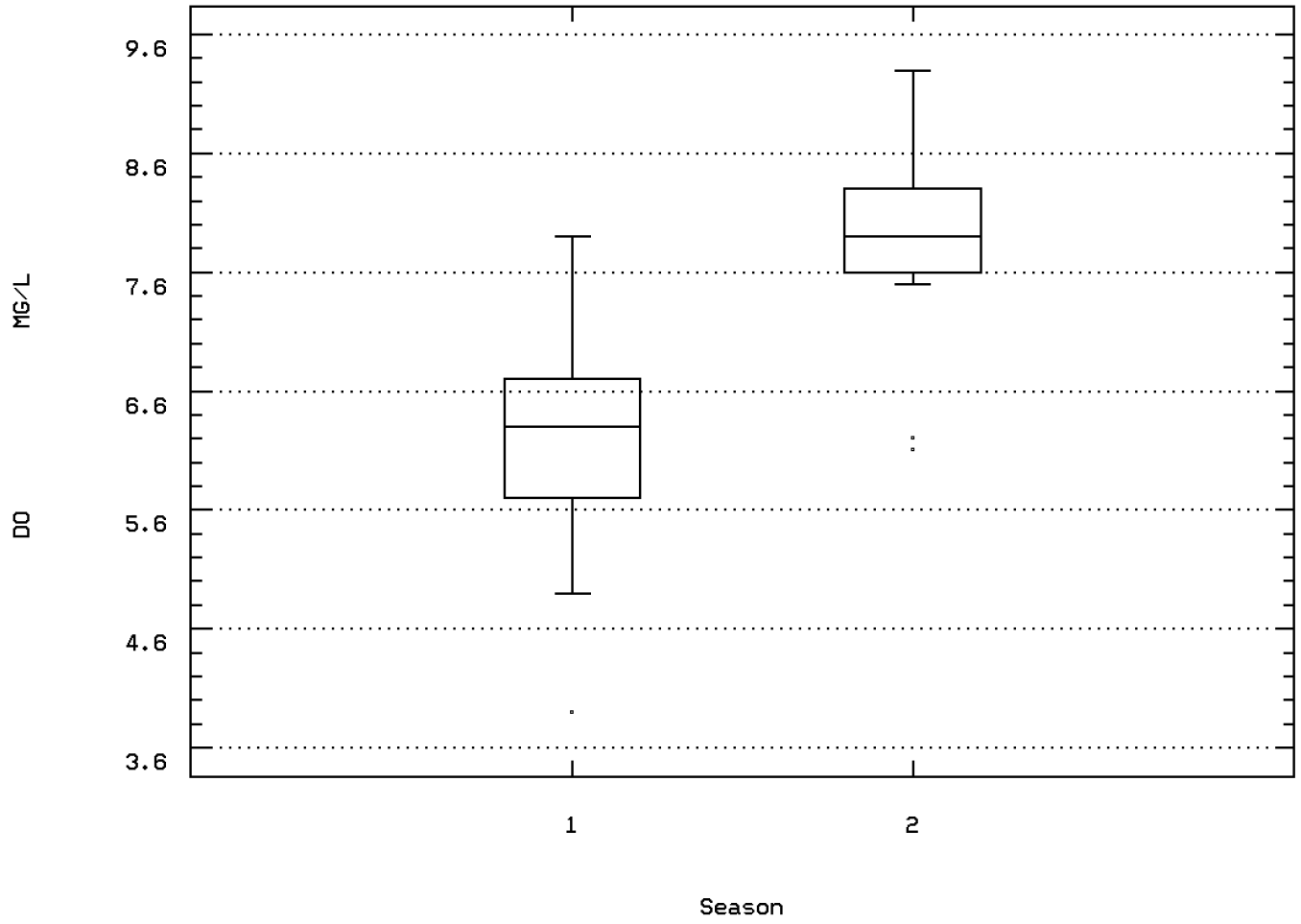
Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-10/10/94	8	0.045	0.079	0.23	0.015	0.006	0.08	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/11/72-10/10/94	11	0.073	0.13	0.403	0.022	0.014	0.116	0.029	0.063	0.17	0.38
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	11/02/77-10/10/94	8	13.5	17.175	27.4	12.	41.274	6.424	**	**	**	**

** - 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: TIMU0120 Parameter Code: 00300

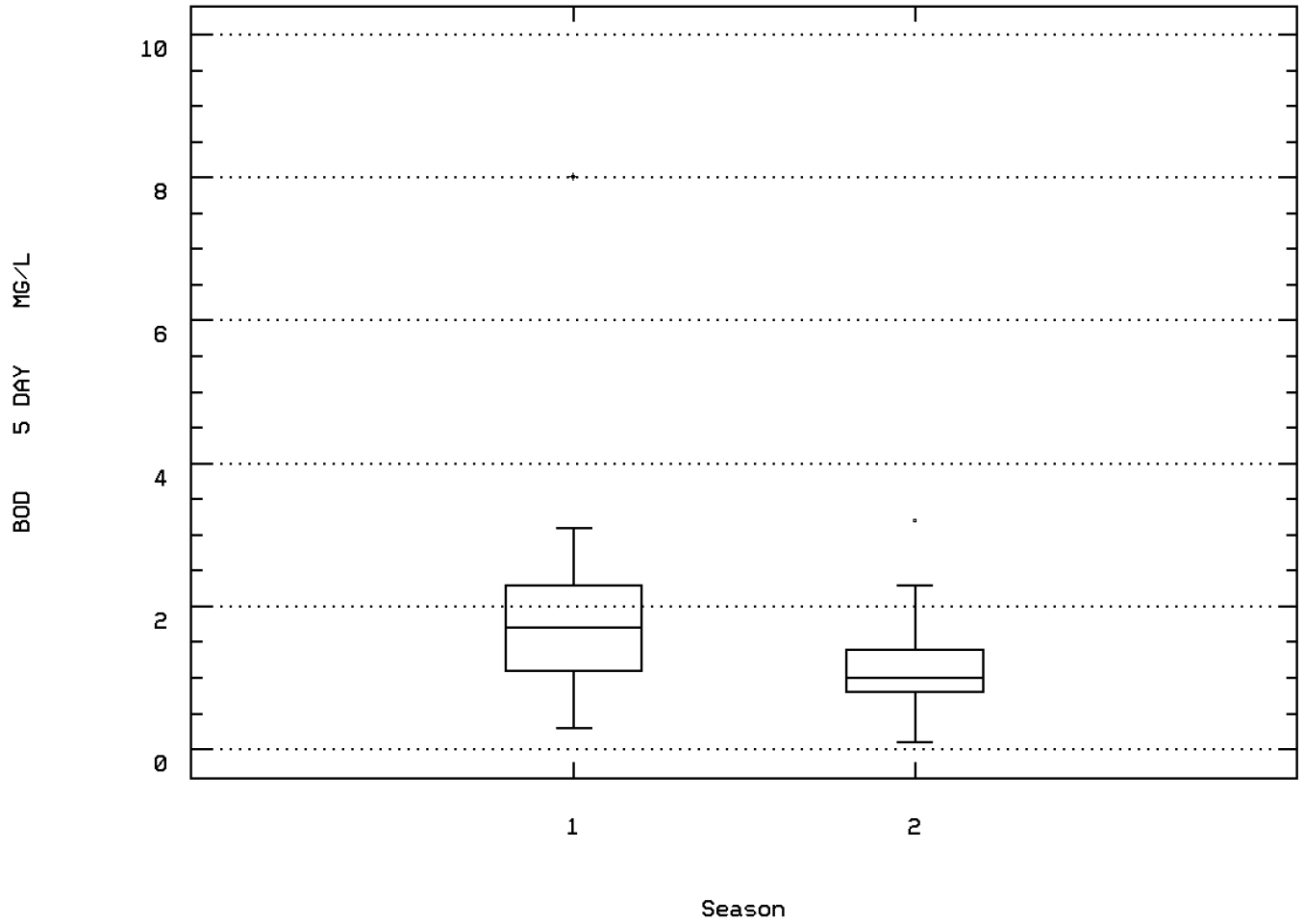
OXYGEN, DISSOLVED



ICWW AT BUOY NO 9

Station: TIMU0120 Parameter Code: 00310

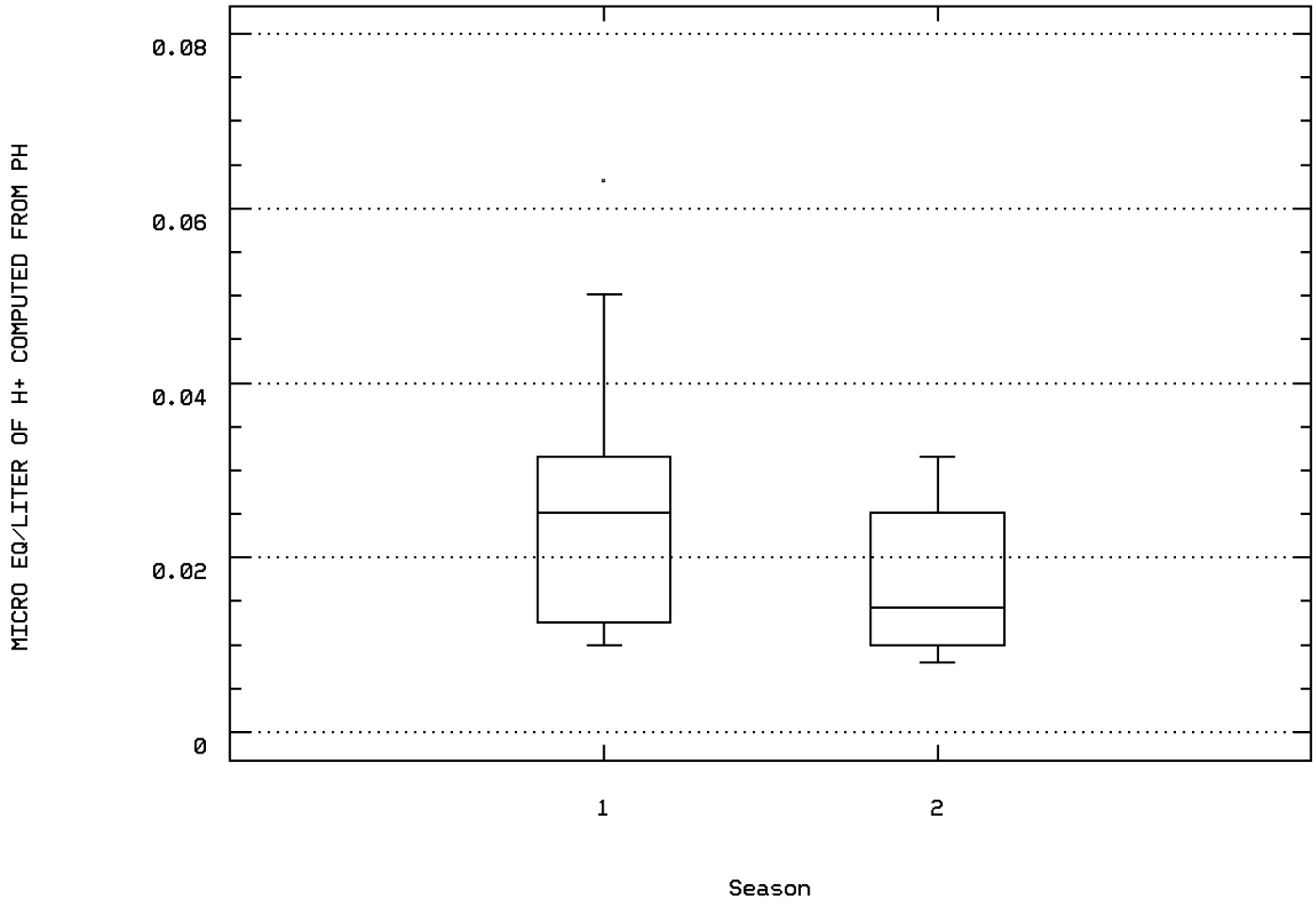
BOD, 5 DAY, 20 DEG C



ICWW AT BUOY NO 9

Station: TIMU0120 Parameter Code: 00400

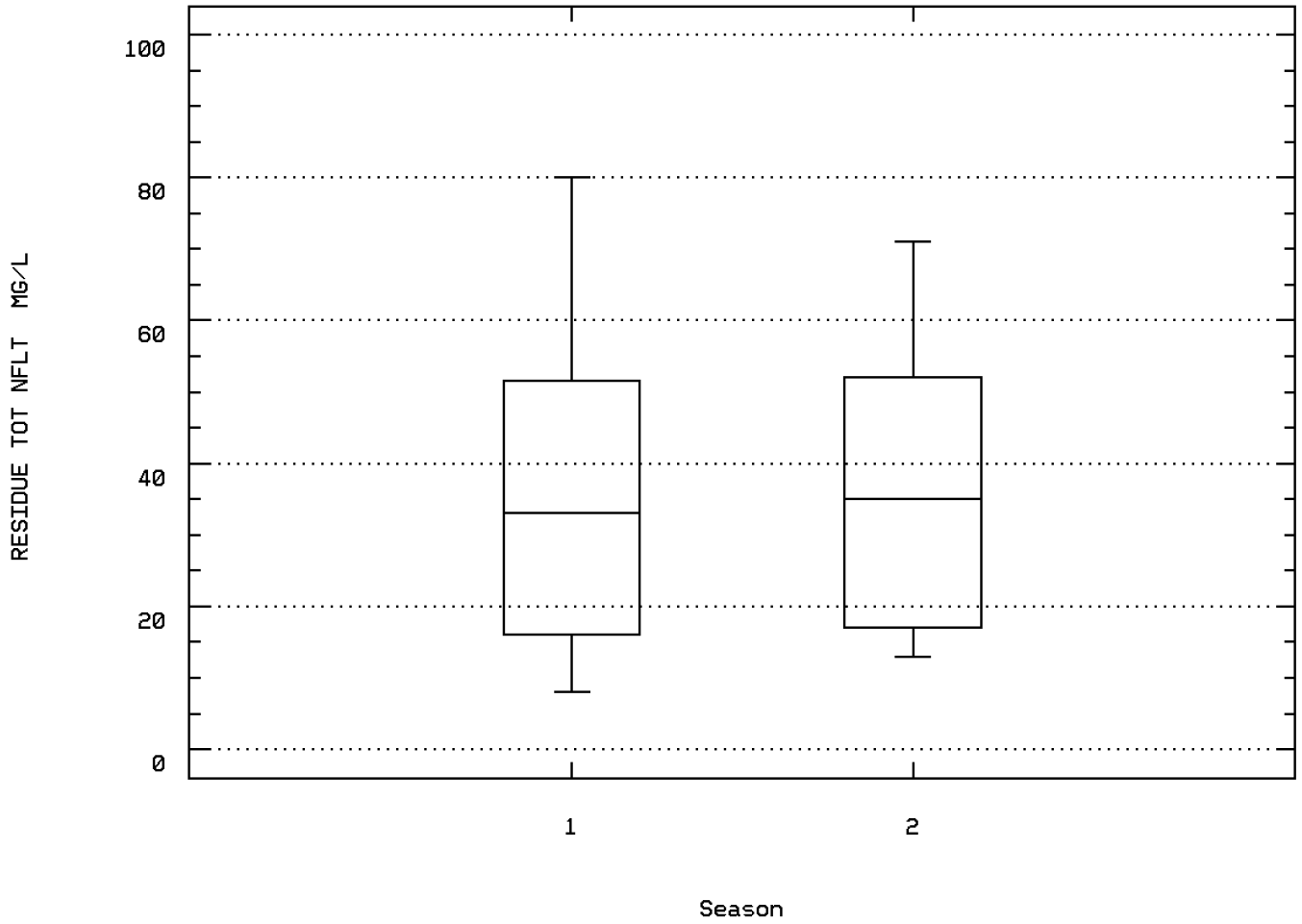
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ICWW AT BUOY NO 9

Station: TIMU0120 Parameter Code: 00530

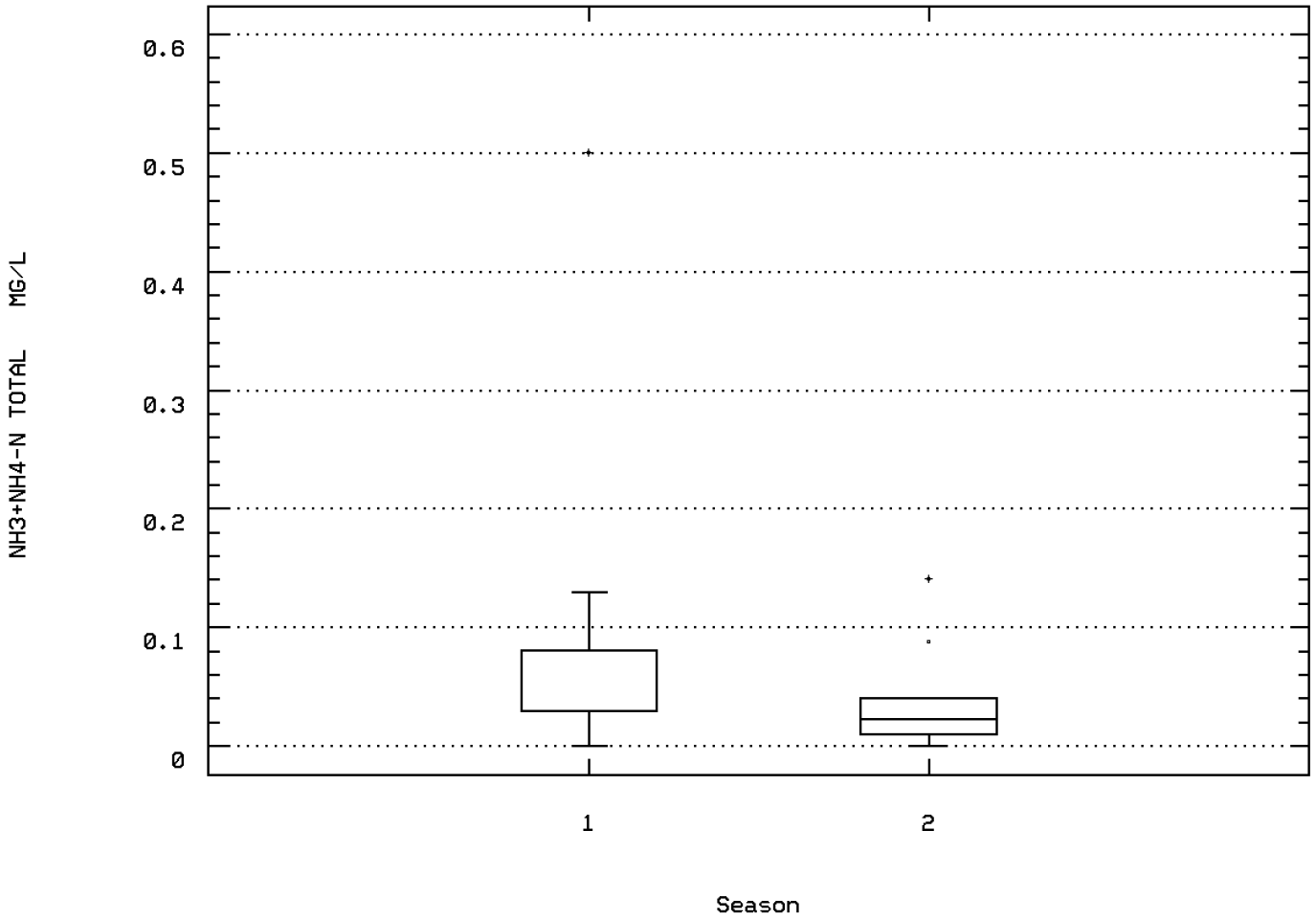
RESIDUE, TOTAL NONFILTRABLE (MG/L)



ICWW AT BUOY NO 9

Station: TIMU0120 Parameter Code: 00610

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



ICWW AT BUOY NO 9

Station Inventory for Station: TIMU0121

NPS Station ID: TIMU0121
LAT/LON: 30.460004/ -81.450559
Agency: 21FLWQA
Date Created: 07/18/87
Location: ICW 1 MILE NORTH OF FT GEORGE ISLAND 04/X3 FF1
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): SFF10040 /SJWMD13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03070205046200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0121

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0122

NPS Station ID: TIMU0122
LAT/LON: 30.422865/ -81.453587
Agency: 21FLA
Date Created: 04/05/80
Location: DEEP CR NR.MARKER 79
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030498
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 5
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 7.050
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205046300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, SISTERS DEEP CREE NEAR MARKER #79 AND CONFLUENCE WITH SISTERS CREEK
FT GEORGE ISLAND SURVEY STATION #11

Parameter Inventory for Station: TIMU0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	15	2.	2.627	10.	0.2	6.256	2.501	0.2	1.	4.	7.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	11	24.5	24.445	30.	15.	17.099	4.135	16.2	21.3	27.	29.6
00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	4.4	5.25	10.5	2.	12.023	3.467	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	11	5.5	13.936	90.	2.3	652.105	25.536	2.58	3.8	8.1	75.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	11	0.7	0.853	1.22	0.44	0.069	0.263	0.472	0.7	1.1	1.216
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	11	30.	32.273	70.	10.	456.818	21.373	10.	15.	60.	68.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/15/90	8	45250.	44337.5	50000.	34200.	23482678.571	4845.893	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-04/15/91	5	37400.	37640.	46500.	26000.	78803000.	8877.105	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	6.35	6.35	6.5	6.2	0.045	0.212	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	10	5.8	5.96	8.2	4.2	1.512	1.229	4.22	4.925	6.9	8.07
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-04/15/91	9	1.	1.422	2.8	0.2	0.774	0.88	0.2	0.8	2.3	2.8
00400	PH (STANDARD UNITS)	05/18/77-04/15/91	7	7.54	7.653	8.1	7.25	0.1	0.316	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-04/15/91	7	7.54	7.567	8.1	7.25	0.108	0.329	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-04/15/91	7	0.029	0.027	0.056	0.008	0.	0.017	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-04/15/91	9	7.8	7.8	8.1	7.5	0.035	0.187	7.5	7.65	7.95	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-04/15/91	9	7.8	7.765	8.1	7.5	0.036	0.191	7.5	7.65	7.95	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-04/15/91	9	0.016	0.017	0.032	0.008	0.	0.007	0.008	0.011	0.023	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	113.5	113.5	117.	110.	24.5	4.95	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	32.5	31.833	34.	29.	6.583	2.566	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-04/15/91	6	54.	53.667	90.	18.	1365.467	36.952	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-04/15/91	6	7.5	7.167	15.	0.	28.567	5.345	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-04/15/91	6	44.5	46.5	81.	15.	1058.3	32.532	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-10/15/90	4 ##	0.053	0.073	0.18	0.005	0.007	0.085	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	8 ##	0.003	0.029	0.21	0.	0.005	0.073	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-11/26/84	9	0.44	1.331	8.14	0.085	6.85	2.617	0.085	0.085	1.265	8.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.02	0.018	0.025	0.01	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-11/26/84	9	0.02	0.059	0.21	0.005	0.005	0.069	0.005	0.015	0.107	0.21
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	7	16880.	15984.286	18900.	11550.	6558995.238	2561.054	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2	1.452	1.452	1.602	1.301	0.045	0.213	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.284								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-11/26/84	9	13.	20.222	79.	1.	535.194	23.134	1.	8.	22.5	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 time series plot

Parameter Inventory for Station: TIMU0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-11/26/84	9	1.114	1.088	1.898	0.	0.259	0.509	0.	0.903	1.352	1.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.252								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2	1.151	1.151	1.301	1.	0.045	0.213	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			14.142								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-11/26/84	9	8.	7.222	23.	1.	48.194	6.942	1.	2.	9.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-11/26/84	9	0.903	0.668	1.362	0.	0.205	0.452	0.	0.301	0.972	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.66								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.739	0.739	1.	0.477	0.137	0.37	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			5.477								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-07/26/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-04/15/91	5	5.	6.58	13.	2.4	20.632	4.542	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	1	0.09	10	1	0.10	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	9	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	6	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	7	0	0.00	6	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	9	0	0.00	8	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	8	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	0	0.00	8	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	0	0.00	8	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	14	2.	2.1	5.	0.2	2.257	1.502	0.2	1.	3.25	4.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	10	25.4	25.39	30.	21.	8.094	2.845	21.03	23.55	27.25	29.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	10	5.	13.63	90.	2.3	723.413	26.896	2.44	3.775	7.725	81.81
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	10	0.85	0.868	1.22	0.44	0.074	0.272	0.456	0.675	1.125	1.218
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	10	30.	33.5	70.	10.	489.167	22.117	10.	13.75	60.	69.
00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	9	5.7	5.711	6.9	4.2	1.004	1.002	4.2	4.75	6.75	6.9

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**

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

Station Inventory for Station: TIMU0123

NPS Station ID: TIMU0123
LAT/LON: 30.465976/ -81.454754
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT CM 65
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020041
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 2
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 7.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205008200.00
RF3 Mile Point: 0.14
Distance from RF3: 0.00
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK EAST OF ICWW MARKER 65 AT MOUTH OF MARSH INLET.

Parameter Inventory for Station: TIMU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	10	5.	4.34	10.	0.2	12.303	3.508	0.2	0.8	7.	9.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	5	21.1	21.5	27.5	14.4	22.705	4.765	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	5	5.	6.64	13.	3.9	13.513	3.676	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	5	0.9	0.928	1.21	0.63	0.074	0.272	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	5	30.	34.	70.	10.	480.	21.909	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	3	45200.	42533.333	50000.	32400.	82773333.333	9097.985	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	5	41700.	38320.	49000.	24000.	103447000.	10170.89	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	5.45	5.45	5.5	5.4	0.005	0.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	5	5.8	6.54	8.	5.5	1.358	1.165	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	5	1.4	1.26	2.	0.4	0.478	0.691	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.725	7.712	7.95	7.45	0.042	0.205	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.725	7.676	7.95	7.45	0.044	0.209	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	4	0.019	0.021	0.035	0.011	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	5	7.7	7.76	8.	7.6	0.033	0.182	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/15/91	5	7.7	7.732	8.	7.6	0.034	0.184	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	5	0.02	0.019	0.025	0.01	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	111.	111.	112.	110.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	32.	33.	35.	32.	3.	1.732	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	25.	49.6	142.	20.	2742.3	52.367	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	5.	7.8	23.	2.	73.7	8.585	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	20.	41.8	119.	16.	1925.2	43.877	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	4	0.15	0.359	1.13	0.005	0.27	0.52	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	2 ##	0.076	0.076	0.15	0.003	0.011	0.104	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	3	0.59	0.783	1.65	0.11	0.621	0.788	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.01	0.015	0.025	0.01	0.	0.009	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	3	0.111	0.09	0.15	0.01	0.005	0.072	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	1	10750.	10750.	10750.	10750.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2	40.	40.	70.	10.	1800.	42.426	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2	1.423	1.423	1.845	1.	0.357	0.598	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.458								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	3	33.	22.333	33.	1.	341.333	18.475	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-11/26/84	3	1.519	1.012	1.519	0.	0.769	0.877	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.288								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**

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

Parameter Inventory for Station: TIMU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2	0.923	0.923	1.	0.845	0.012	0.11	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			8.367								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	11.	11.667	23.	1.	121.333	11.015	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	1.041	0.801	1.362	0.	0.507	0.712	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.325								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.739	0.739	1.	0.477	0.137	0.37	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			5.477								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	5	13.	11.5	18.	2.5	36.	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: TIMU0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	4	0	0.00	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	9	5.	3.711	7.	0.2	9.391	3.064	0.2	0.6	7.	7.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Station Inventory for Station: TIMU0124

NPS Station ID: TIMU0124 LAT/LON: 30.320281/ -81.455559 Agency: 21FLJXWQ Date Created: 06/12/99
Location: GREENFIELD CREEK AT ATLANTIC BOULEVARD FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GC1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0124

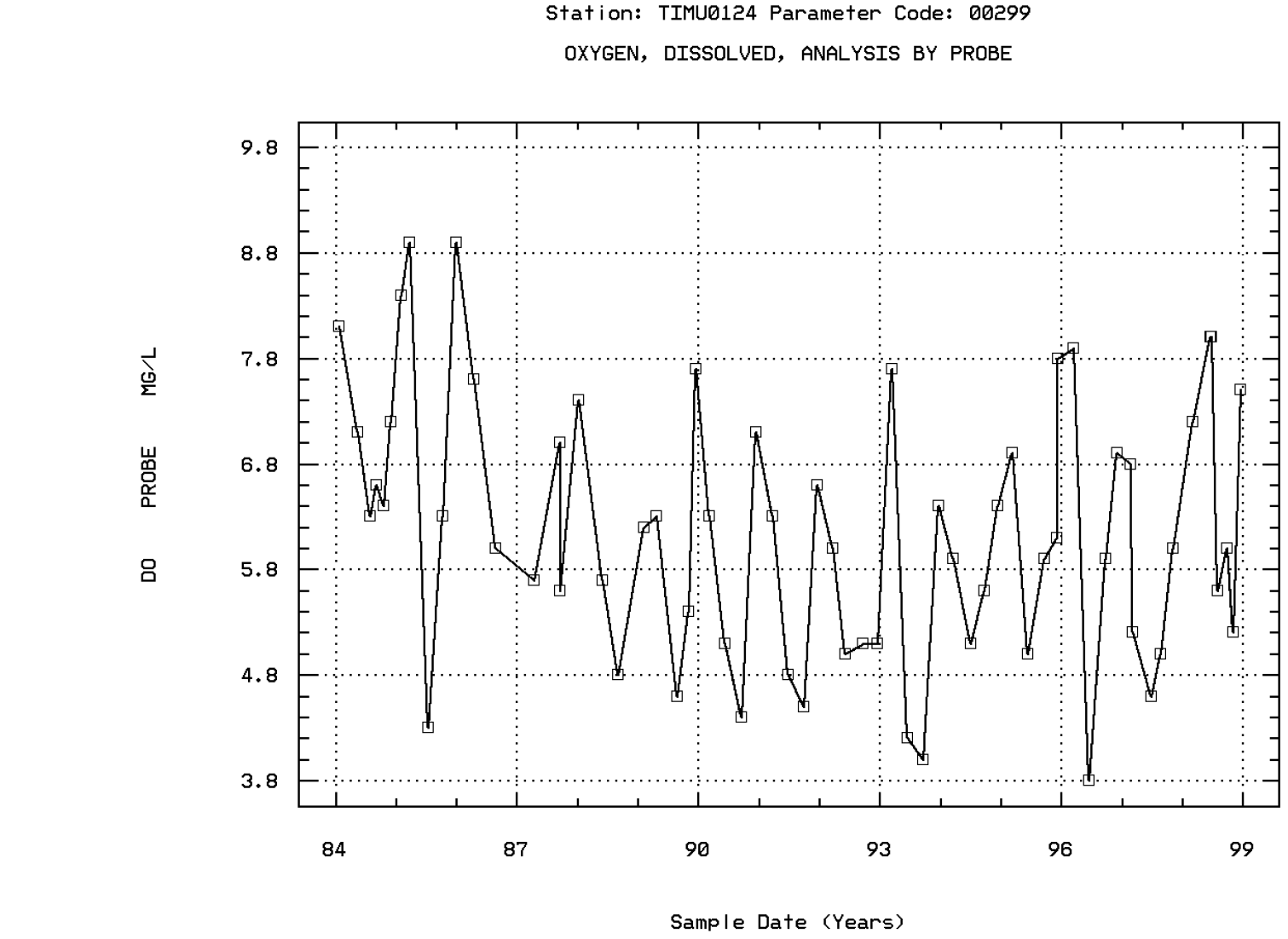
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	88	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	65	21.	20.358	28.6	7.	28.634	5.351	12.8	16.	25.2	26.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/95-12/15/98	22	337.	353.227	483.	258.	4147.994	64.405	266.	313.5	399.5	459.4
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	66	6.15	6.203	8.9	3.8	1.555	1.247	4.57	5.1	7.125	8.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/95-12/15/98	22	70.	71.555	103.9	46.7	214.452	14.644	57.48	62.525	73.8	103.09
00400p	PH (STANDARD UNITS)	01/23/84-12/15/98	65	6.7	6.672	7.6	6.	0.189	0.434	6.	6.3	7.	7.3
00400p	CONVERTED PH (STANDARD UNITS)	01/23/84-12/15/98	65	6.7	6.484	7.6	6.	0.225	0.474	6.	6.3	7.	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-12/15/98	65	0.2	0.328	1.	0.025	0.089	0.299	0.05	0.1	0.501	1.
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/07/95-09/20/95	3	325.	324.	344.	303.	421.	20.518	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	23	0.	0.087	2.	0.	0.174	0.417	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/04/97-03/04/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/04/97-03/04/97	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/04/97-03/04/97	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/97-03/04/97	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/97-03/04/97	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/04/97-03/04/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/97-03/04/97	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/97-03/04/97	1	28.	28.	28.	28.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	22	3000.	13277.273	160000.	500.	1181403744.589	34371.554	800.	1700.	6000.	38900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/90-05/08/95	22	3.477	3.599	5.204	2.699	0.33	0.574	2.903	3.23	3.763	4.523
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3970.28								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	25	1700.	5058.88	90000.	2.	314229043.027	17726.507	134.	300.	2400.	3000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	25	3.23	3.	4.954	0.301	0.667	0.817	2.1	2.477	3.38	3.477
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1000.507								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/95-09/20/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	03/04/97-03/04/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/04/97-03/04/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

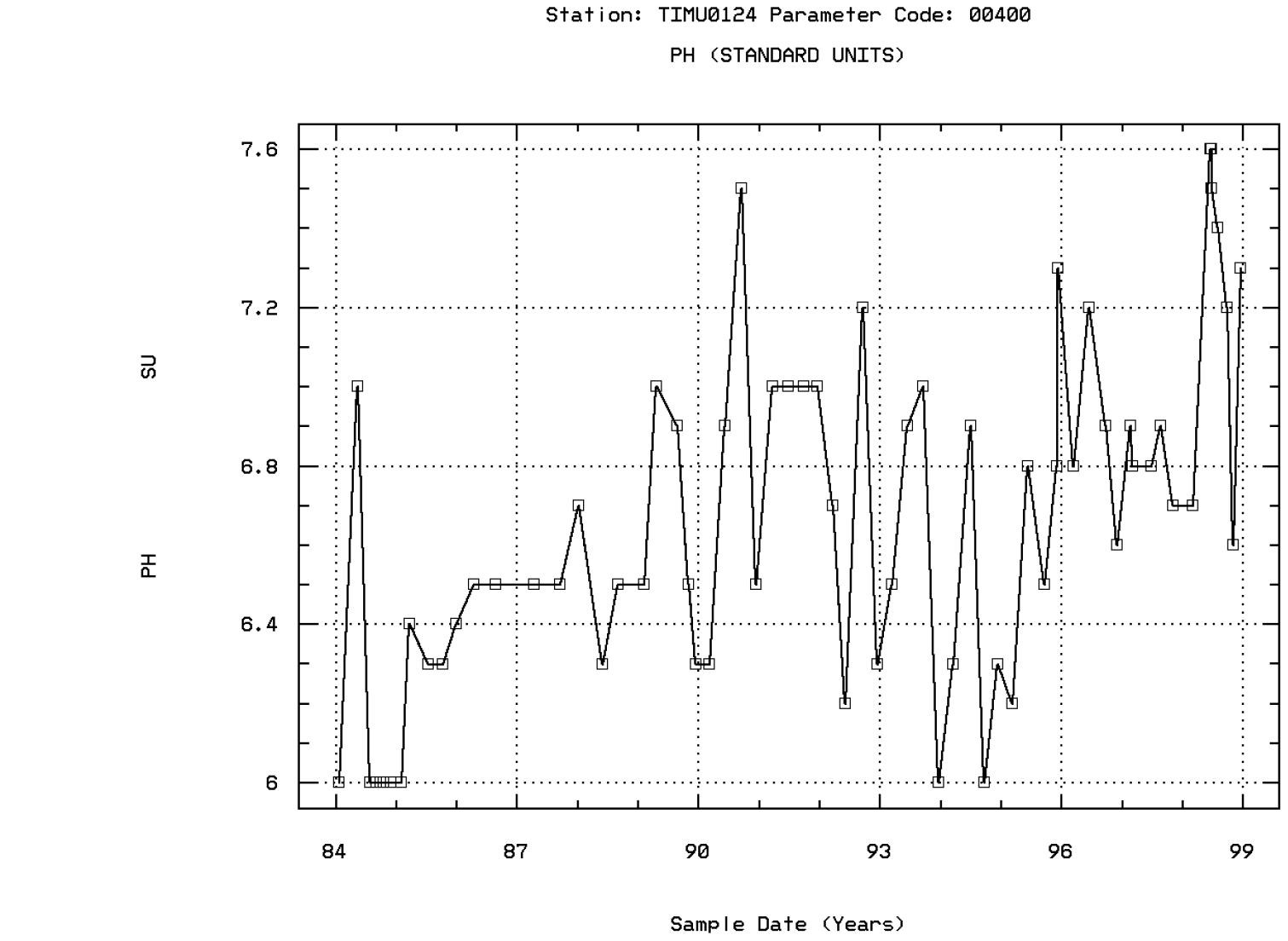
EPA Water Quality Criteria Analysis for Station: TIMU0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	2	0.03	39	2	0.05	27	0	0.00						
00400	PH	Fresh Chronic	9.	65	0	0.00	38	0	0.00	27	0	0.00						
		Other-Lo Lim.	6.5	65	30	0.46	38	15	0.39	27	15	0.56						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	19	0.86	15	14	0.93	7	5	0.71						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	22	0.88	18	17	0.94	7	5	0.71						
82079	TURBIDITY, LAB	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



GREENFIELD CREEK AT ATLANTIC BOULEVARD



GREENFIELD CREEK AT ATLANTIC BOULEVARD

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	54	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	38	24.35	24.032	28.6	17.8	8.474	2.911	20.13	21.825	26.075	28.04
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	39	5.6	5.654	8.	3.8	1.226	1.107	4.3	4.8	6.3	7.6
00400	PH (STANDARD UNITS)	01/23/84-12/15/98	38	6.85	6.766	7.6	6.	0.207	0.455	6.	6.5	7.	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-12/15/98	38	6.847	6.55	7.6	6.	0.255	0.505	6.	6.5	7.	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-12/15/98	38	0.142	0.282	1.	0.025	0.085	0.292	0.032	0.1	0.316	1.
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	14	0.	0.143	2.	0.	0.286	0.535	0.	0.	0.	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	18	1950.	6600.	90000.	80.	434275576.471	20839.28	206.	675.	3000.	11700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	18	3.286	3.171	4.954	1.903	0.414	0.643	2.298	2.797	3.477	3.625
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1483.114								

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/23/84-12/15/98	34	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/23/84-12/15/98	27	14.7	15.189	22.3	7.	10.953	3.309	11.06	13.	17.3	19.38
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/23/84-12/15/98	27	6.9	6.996	8.9	5.1	0.99	0.995	5.76	6.3	7.7	8.5
00400	PH (STANDARD UNITS)	01/23/84-12/15/98	27	6.5	6.541	7.3	6.	0.139	0.372	6.	6.3	6.8	7.06
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-12/15/98	27	6.5	6.405	7.3	6.	0.158	0.397	6.	6.3	6.8	7.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-12/15/98	27	0.316	0.394	1.	0.05	0.092	0.303	0.09	0.158	0.501	1.
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	7	1100.	1096.	2400.	2.	1021732.	1010.808	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	7	3.041	2.561	3.38	0.301	1.184	1.088	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			363.599								

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

Station Inventory for Station: TIMU0125

NPS Station ID: TIMU0125 | LAT/LON: 30.522504/ -81.455421 | Agency: 21FLA | Date Created: 04/05/80
Location: SISTERS CREEK AT CM 47 | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 19020045
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 13 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: NASSAU-ST MARYS | ECO Region:
RF1 Index: 03070205009 | RF1 Mile Point: 16.570 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 03070205000807.78 | RF3 Mile Point: 18.21 | Distance from RF3: 0.06 | On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT CONFLUENCE WITH NASSAU RIVER. AT ICWW MARKER 47

Parameter Inventory for Station: TIMU0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	43	4.	3.409	8.	0.2	5.779	2.404	0.2	0.2	5.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	17	20.2	20.794	30.	14.	25.632	5.063	14.8	16.	25.1	28.8
00055	VELOCITY, STREAM FT/SEC	10/15/90-04/04/94	9	0.5	0.611	1.	0.2	0.071	0.267	0.2	0.5	0.9	1.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	17	5.5	6.518	19.	2.3	17.975	4.24	2.3	3.5	9.1	12.52
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	17	0.9	0.944	1.4	0.6	0.059	0.242	0.68	0.8	1.1	1.4
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	17	30.	29.706	80.	10.	295.221	17.182	10.	20.	40.	56.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-10/05/94	13	42000.	42507.692	50000.	32000.	36434102.564	6036.067	33200.	37750.	48000.	50000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	17	44100.	41317.647	50000.	16200.	66392794.118	8148.177	28040.	40300.	45200.	47680.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/04/94	6	6.6	7.167	9.2	6.2	1.339	1.157	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	17	7.5	7.482	8.5	6.3	0.498	0.706	6.3	7.	8.2	8.42
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	17	1.2	1.276	2.2	0.3	0.206	0.453	0.46	1.1	1.55	1.96
00400	PH (STANDARD UNITS)	05/15/78-10/05/94	15	7.72	7.723	8.1	7.2	0.068	0.262	7.26	7.6	7.99	8.04
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-10/05/94	15	7.72	7.645	8.1	7.2	0.075	0.274	7.26	7.6	7.99	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	15	0.019	0.023	0.063	0.008	0.	0.016	0.009	0.01	0.025	0.055
00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	17	7.9	7.894	8.2	7.5	0.029	0.171	7.66	7.8	8.	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-10/05/94	17	7.9	7.861	8.2	7.5	0.031	0.175	7.66	7.8	8.	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	17	0.013	0.014	0.032	0.006	0.	0.006	0.008	0.01	0.016	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-10/05/94	11	107.	107.455	123.	71.	185.073	13.604	77.2	106.	116.	122.
00480	SALINITY - PARTS PER THOUSAND	11/26/84-07/05/94	14	32.	30.714	38.	19.	22.527	4.746	22.	29.25	32.75	37.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	17	30.	31.353	111.	12.	533.493	23.097	12.8	16.5	36.	60.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	17	5.	5.353	14.	2.	8.118	2.849	2.8	3.	6.	9.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	17	24.	26.	97.	9.	421.	20.518	9.8	13.	30.5	51.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/05/94	14 ##	0.016	0.112	1.13	0.005	0.088	0.296	0.005	0.01	0.063	0.65
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	2 ##	0.016	0.016	0.03	0.003	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/05/94	13	0.46	0.614	1.3	0.16	0.111	0.333	0.188	0.395	0.865	1.192
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-10/05/94	13 ##	0.015	0.016	0.025	0.01	0.	0.005	0.01	0.01	0.02	0.023
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/05/94	12	0.083	0.097	0.228	0.052	0.002	0.05	0.053	0.064	0.118	0.202
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-04/15/91	1	13560.	13560.	13560.	13560.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/08/92-04/06/92	2	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-10/05/94	13	20.	65.731	500.	0.5	17768.609	133.299	0.7	9.	52.5	340.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-10/05/94	13	1.301	1.286	2.699	-0.301	0.618	0.786	-0.181	0.952	1.72	2.419
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.336								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-01/08/92	4	11.	14.	33.	1.	236.667	15.384	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-01/08/92	4	0.801	0.78	1.519	0.	0.552	0.743	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.028								

** - Less than 9 observations ## - 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: TIMU0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-01/08/92	3	7.	5.5	8.	1.5	12.25	3.5	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-01/08/92	3	0.845	0.641	0.903	0.176	0.163	0.404	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.38								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-01/08/92	4 ##	3.	3.5	7.	1.	9.	3.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-01/08/92	4 ##	0.349	0.386	0.845	0.	0.202	0.45	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.432								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/05/94	10	4.	31.45	280.	0.5	7635.469	87.381	0.55	1.	7.	253.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/05/94	10	0.602	0.621	2.447	-0.301	0.584	0.764	-0.271	0.	0.834	2.302
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.176								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.389	0.389	0.477	0.301	0.016	0.125	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			2.449								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-04/06/92	4 ##	0.015	0.041	0.13	0.005	0.004	0.059	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	17	8.5	9.453	15.	5.	7.161	2.676	6.28	7.5	12.	13.48

** - 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: TIMU0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	0	0.00	10	0	0.00	7	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00	3	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	10	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	15	0	0.00	9	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00	9	0	0.00	6	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	17	0	0.00	10	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	7	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	0	0.00	8	0	0.00	5	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00	2	0	0.00	2	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	1	0.10	6	1	0.17	4	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	25	4.	3.184	8.	0.2	6.036	2.457	0.2	0.2	4.5	6.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	10	23.85	24.16	30.	20.	12.952	3.599	20.02	20.8	27.375	29.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	10	5.75	6.03	10.3	2.3	7.356	2.712	2.37	3.75	9.	10.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	10	0.9	0.955	1.4	0.7	0.062	0.25	0.705	0.788	1.1	1.4
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	10	25.	32.	80.	10.	462.222	21.499	10.	17.5	42.5	77.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	10	43600.	39140.	50000.	16200.	103511555.556	10174.063	17680.	31375.	45225.	49710.
00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	10	7.2	7.05	7.7	6.3	0.256	0.506	6.3	6.525	7.5	7.68
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	10	1.4	1.44	2.2	0.5	0.214	0.462	0.57	1.2	1.75	2.17
00400	PH (STANDARD UNITS)	05/15/78-10/05/94	9	7.72	7.676	7.99	7.3	0.042	0.204	7.3	7.55	7.825	7.99
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-10/05/94	9	7.72	7.631	7.99	7.3	0.044	0.209	7.3	7.55	7.825	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	9	0.019	0.023	0.05	0.01	0.	0.012	0.01	0.015	0.028	0.05
00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	10	7.85	7.83	8.	7.5	0.022	0.149	7.52	7.775	7.925	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-10/05/94	10	7.847	7.804	8.	7.5	0.023	0.152	7.52	7.775	7.925	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	10	0.014	0.016	0.032	0.01	0.	0.006	0.01	0.012	0.017	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	10	30.5	36.	111.	13.	799.556	28.276	13.4	17.75	37.5	104.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	10	6.	6.2	14.	3.	9.511	3.084	3.1	4.	6.5	13.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	10	24.5	29.8	97.	10.	635.956	25.218	10.3	13.75	31.	91.3
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	10	8.	8.77	15.	5.	9.56	3.092	5.16	6.9	10.775	14.81

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	18	4.5	3.722	6.	0.2	5.577	2.362	0.2	0.2	6.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	7	16.	15.986	19.5	14.	3.068	1.752	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	7	4.5	7.214	19.	2.3	35.938	5.995	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	7	0.8	0.929	1.3	0.6	0.062	0.25	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	7	30.	26.429	40.	15.	72.619	8.522	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	7	45100.	44428.571	46400.	41400.	2585714.286	1608.016	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	7	8.3	8.1	8.5	7.4	0.187	0.432	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	7	1.1	1.043	1.4	0.3	0.12	0.346	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-10/05/94	6	7.935	7.795	8.1	7.2	0.115	0.339	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-10/05/94	6	7.93	7.665	8.1	7.2	0.135	0.368	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	6	0.012	0.022	0.063	0.008	0.	0.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	7	8.	7.986	8.2	7.7	0.028	0.168	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-10/05/94	7	8.	7.957	8.2	7.7	0.029	0.171	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	7	0.01	0.011	0.02	0.006	0.	0.005	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	7	21.	24.714	39.	12.	135.905	11.658	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	7	3.	4.143	8.	2.	4.476	2.116	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	7	18.	20.571	33.	9.	110.286	10.502	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	7	10.5	10.429	12.	8.	2.869	1.694	**	**	**	**

** - 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

Station Inventory for Station: TIMU0126

NPS Station ID: TIMU0126
LAT/LON: 30.425837/ -81.456116
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: INTRACOASTAL WATERWAY MARKER 77
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0127

NPS Station ID: TIMU0127 LAT/LON: 30.425837/ -81.456116 Agency: 21FLJXWQ Date Created: 01/23/93
Location: INTRACOASTAL WATERWAY AT MARKER 77 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FG0008
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 03070205000709.35 RF3 Mile Point: 9.35 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	13	18.5	20.031	29.2	8.8	45.254	6.727	9.04	17.85	27.9	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	13	28000.	28723.077	46000.	5000.	194883589.744	13960.071	5400.	18550.	39000.	46000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	13	8.5	8.508	10.3	7.	1.261	1.123	7.08	7.6	9.35	10.3
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.	6.857	7.3	6.	0.173	0.416	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.	6.629	7.3	6.	0.234	0.484	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.1	0.235	1.	0.05	0.115	0.34	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7 ##	0.008	0.048	0.196	0.007	0.005	0.073	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7	0.07	0.126	0.31	0.005	0.015	0.122	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1	16500.	16500.	16500.	16500.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	140.	216.143	500.	106.	19860.143	140.926	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7 ##	14.	15.571	35.	1.	121.369	11.017	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	1.	1.336	3.	0.35	1.356	1.164	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7 ##	4.	12.	57.	3.	396.583	19.914	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7 ##	1.	2.5	6.	0.5	4.917	2.217	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	16.	26.643	67.	3.5	617.726	24.854	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	6	109.5	571.	1600.	1.	639018.4	799.386	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	6	1.96	1.851	3.204	0.	1.682	1.297	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			70.986								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7	49.	296.571	920.	1.	184759.286	429.836	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7	1.69	1.661	2.964	0.	1.282	1.132	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.805								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	07/09/85-01/15/86	2	8.35	8.35	9.1	7.6	1.125	1.061	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-12/10/86	6	4.35	4.3	5.	3.5	0.292	0.54	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	6	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	6 &	6	1.00	3	3	1.00	3	3	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	2	0.33	3	1	0.33	3	1	0.33						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	2	0.29	4	1	0.25	3	1	0.33						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0128

NPS Station ID: TIMU0128
LAT/LON: 30.431198/ -81.456810
Agency: 11NPSWRD
Date Created: 10/10/98
Location: ICWW/SISTERS CK AT MARKER 77
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_TIM12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 12 WAS AT INTERCOASTAL WATER WAY (ICWW)/SISTERS CREEK MARKER 77 NEAR THE MOUTH OF CEDAR POINT CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 12 PREVIOUSLY WAS LABELED FG8. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	47	5.	5.562	14.	0.7	16.764	4.094	1.	2.	8.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	31	22.2	23.177	30.4	16.6	21.122	4.596	17.1	18.8	28.1	30.02
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	8	23.5	23.613	30.	18.	20.316	4.507	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	8	37.5	46.25	100.	0.	1691.071	41.123	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	8	8.4	9.763	18.	3.5	31.977	5.655	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	8	1.125	1.115	1.75	0.45	0.164	0.405	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	31	40436.	37753.258	49992.	2809.	129963687.531	11400.162	14524.8	37328.	42668.	49046.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	31	6.8	6.929	9.3	5.5	1.476	1.215	5.72	5.9	7.5	9.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	25	96.9	94.524	107.6	83.4	59.347	7.704	84.7	87.75	100.75	105.8
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	8 ##	0.75	0.75	1.	0.5	0.071	0.267	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	31	7.97	7.93	8.08	7.63	0.016	0.126	7.742	7.8	8.05	8.066
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	31	7.97	7.911	8.08	7.63	0.016	0.128	7.742	7.8	8.05	8.066
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	31	0.011	0.012	0.023	0.008	0.	0.004	0.009	0.009	0.016	0.018
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	31	25.9	24.177	32.8	1.5	58.022	7.617	8.6	23.7	27.5	32.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	9	8.	10.556	23.	6.	29.778	5.457	6.	8.	13.	23.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	9 ##	0.01	0.016	0.077	0.005	0.001	0.023	0.005	0.005	0.015	0.077
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	9	0.319	0.45	1.23	0.11	0.11	0.332	0.11	0.271	0.569	1.23
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	9 ##	0.005	0.019	0.13	0.005	0.002	0.042	0.005	0.005	0.005	0.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	9	0.061	0.074	0.165	0.037	0.002	0.043	0.037	0.048	0.095	0.165

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

Parameter Inventory for Station: TIMU0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	9	4691.	4501.667	6434.	289.	3122025.25	1766.925	289.	4152.	5609.5	6434.
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	04/15/97-04/22/98	7	618000.	548071.429	754000.	46500.525	12702380.952	229156.502	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	9	13331.	12459.556	18017.	697.	23988575.778	4897.813	697.	11256.	15068.5	18017.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	04/15/97-04/22/98	7	## 0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	04/15/97-04/22/98	7	270.	315.429	690.	163.	34328.619	185.28	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	04/15/97-04/22/98	7	## 0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	04/15/97-04/22/98	7	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	04/15/97-02/18/98	6	## 1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	04/15/97-04/22/98	7	## 2.5	3.286	8.	2.5	4.321	2.079	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	04/15/97-04/22/98	7	440.	539.286	967.	259.	69900.905	264.388	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	04/15/97-04/22/98	7	## 1.5	1.786	2.5	1.5	0.238	0.488	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	04/15/97-04/22/98	7	## 10.	15.571	24.	10.	48.619	6.973	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	04/15/97-04/22/98	7	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	04/15/97-04/22/98	7	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	9	0.028	0.026	0.039	0.005	0.	0.011	0.005	0.02	0.036	0.039
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	04/15/97-04/22/98	7	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	4.	4.1	6.	2.5	2.037	1.427	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	31	0	0.00	26	0	0.00	5	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	31	0	0.00	26	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	31	0	0.00	26	0	0.00	5	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	7	0	0.00	6	0	0.00	1	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	6	0	0.00	1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	7	0	0.00	6	0	0.00	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	6	0	0.00	1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	6	0	0.00	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	6	0	0.00	1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	0	0.00	6	0	0.00	1	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	6	0	0.00	1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0129

NPS Station ID: TIMU0129 LAT/LON: 30.432948/ -81.456948 Agency: 11NPSWRD Date Created: 10/24/98
Location: SISTER CK (ICWW) NEAR MOUTH OF CEDAR POINT CK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG08
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 08 WAS AT SISTERS CREEK (INTRACOASTAL WATERWAY NEAR THE MOUTH OF CEDAR POINT CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/10/86-12/10/86	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-01/15/86	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/85-07/09/85	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0129

			Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: TIMU0130

NPS Station ID: TIMU0130 LAT/LON: 30.471392/ -81.457781 Agency: 21FLJXWQ Date Created: 01/23/93
Location: INTRACOASTAL WATERWAY AT MARKER 61 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FG0009
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 03070205053201.92 RF3 Mile Point: 2.88 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/84-12/10/86	13	18.5	19.985	29.3	8.9	45.3	6.731	8.94	17.75	27.95	28.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/13/84-12/10/86	13	31000.	31015.385	44100.	6500.	179421410.256	13394.828	6500.	23900.	43000.	44060.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/13/84-12/10/86	13	8.1	8.515	10.3	7.4	0.893	0.945	7.48	7.85	9.25	10.22
00400	PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.	6.986	7.7	6.	0.271	0.521	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/84-12/10/86	7	7.	6.667	7.7	6.	0.39	0.625	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/84-12/10/86	7	0.1	0.215	1.	0.02	0.122	0.349	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-12/10/86	7 ##	0.007	0.024	0.109	0.007	0.001	0.038	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/84-12/10/86	7	0.03	0.062	0.22	0.005	0.006	0.075	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/06/86	1	18500.	18500.	18500.	18500.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	11/13/84-12/10/86	7	202.	237.571	470.	106.	13713.952	117.107	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	11/13/84-12/10/86	7 ##	14.	15.571	35.	1.	121.369	11.017	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	11/13/84-12/10/86	7 ##	1.	1.386	3.	0.5	1.258	1.122	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	11/13/84-12/10/86	7 ##	4.	13.929	66.	2.5	539.786	23.233	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	11/13/84-12/10/86	7	2.	2.643	7.	0.5	5.893	2.428	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	11/13/84-12/10/86	7	16.	27.714	67.	3.	625.238	25.005	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/84-12/10/86	6	89.5	334.333	1600.	1.	391413.067	625.63	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/84-12/10/86	6	1.902	1.688	3.204	0.	1.317	1.148	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.768								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7	40.	258.714	1600.	1.	351271.905	592.682	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/84-12/10/86	7	1.602	1.431	3.204	0.	1.104	1.051	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.959								
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/15/86-01/15/86	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-08/06/86	5	4.5	4.68	5.	4.5	0.062	0.249	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	7	0	0.00	6	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	3	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	4	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	6 &	6	1.00	3	3	1.00	3	3	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	1	0.17	3	1	0.33	3	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	1	0.14	4	1	0.25	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0131

NPS Station ID: TIMU0131
LAT/LON: 30.471392/ -81.457781
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: INTRACOASTAL WATERWAY MARKER 61
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FG9
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0131

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0132

NPS Station ID: TIMU0132 LAT/LON: 30.341392/ -81.458059 Agency: 21FLJXWQ Date Created: 06/12/99
Location: GREENFIELD CR. AT GIRVIN ROAD LANDFILL DISCHARGE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GC2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/84-12/15/98	87	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/84-12/15/98	64	24.05	23.223	34.3	8.7	47.433	6.887	12.9	17.5	29.275	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/95-12/15/98	21	2165.	4154.429	25327.	747.	29339494.457	5416.594	779.8	1174.5	4678.5	9062.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/25/84-12/15/98	65	6.6	6.622	10.2	1.1	4.849	2.202	3.4	5.45	8.3	9.38
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/95-12/15/98	21	93.5	94.057	128.3	72.3	175.499	13.248	73.	84.7	100.3	108.16
00400p	PH (STANDARD UNITS)	01/25/84-12/15/98	64	6.8	6.817	8.	5.5	0.463	0.68	5.9	6.325	7.4	7.75
00400p	CONVERTED PH (STANDARD UNITS)	01/25/84-12/15/98	64	6.8	6.325	8.	5.5	0.709	0.842	5.9	6.325	7.4	7.75
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/84-12/15/98	64	0.158	0.473	3.162	0.01	0.629	0.793	0.018	0.04	0.475	1.292
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/07/95-09/20/95	3	2735.	2773.333	4841.	744.	4197454.333	2048.769	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	24	1.	3.417	32.	0.	46.167	6.795	0.	1.	3.	10.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/04/97-03/04/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/04/97-03/04/97	1	2.95	2.95	2.95	2.95	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/04/97-03/04/97	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/97-03/04/97	1	2.07	2.07	2.07	2.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/04/97-03/04/97	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/04/97-03/04/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/97-03/04/97	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/97-03/04/97	1	97.	97.	97.	97.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	22	1300.	2143.636	16000.	20.	12379767.1	3518.489	38.	292.5	1875.	6400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/90-05/08/95	22	3.114	2.898	4.204	1.301	0.536	0.732	1.482	2.466	3.268	3.801
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			790.072								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	25	30.	184.4	1100.	10.	97692.333	312.558	10.	20.	215.	800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	25	1.477	1.723	3.041	1.	0.446	0.668	1.	1.301	2.296	2.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			52.848								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/95-09/20/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	03/04/97-03/04/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/04/97-03/04/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	65	8	0.12	39	8	0.21	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

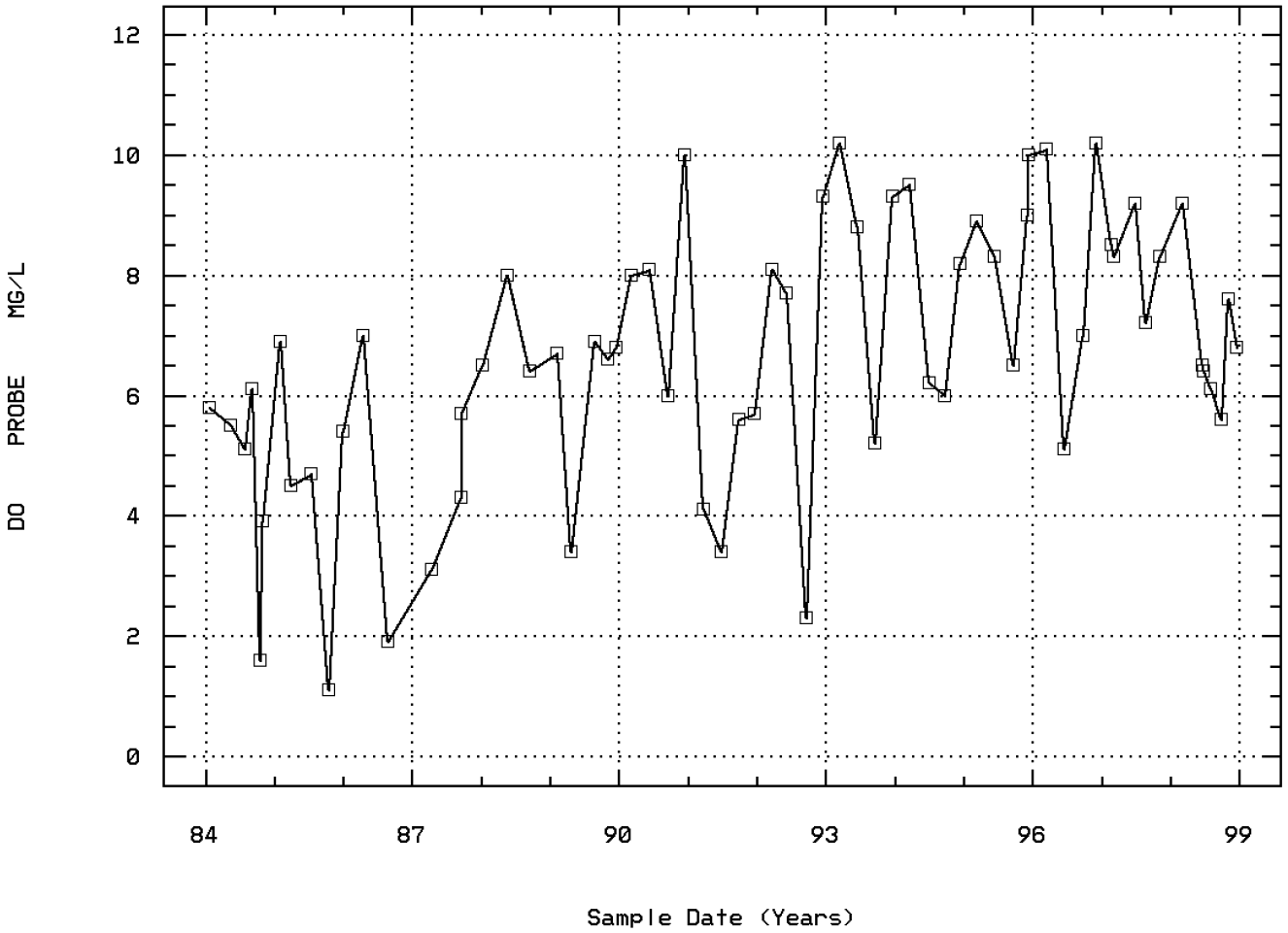
EPA Water Quality Criteria Analysis for Station: TIMU0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	64	0	0.00	38	0	0.00	26	0	0.00						
		Other-Lo Lim.	6.5	64	25	0.39	38	13	0.34	26	12	0.46						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	12	0.55	15	8	0.53	7	4	0.57						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	6	0.24	18	4	0.22	7	2	0.29						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

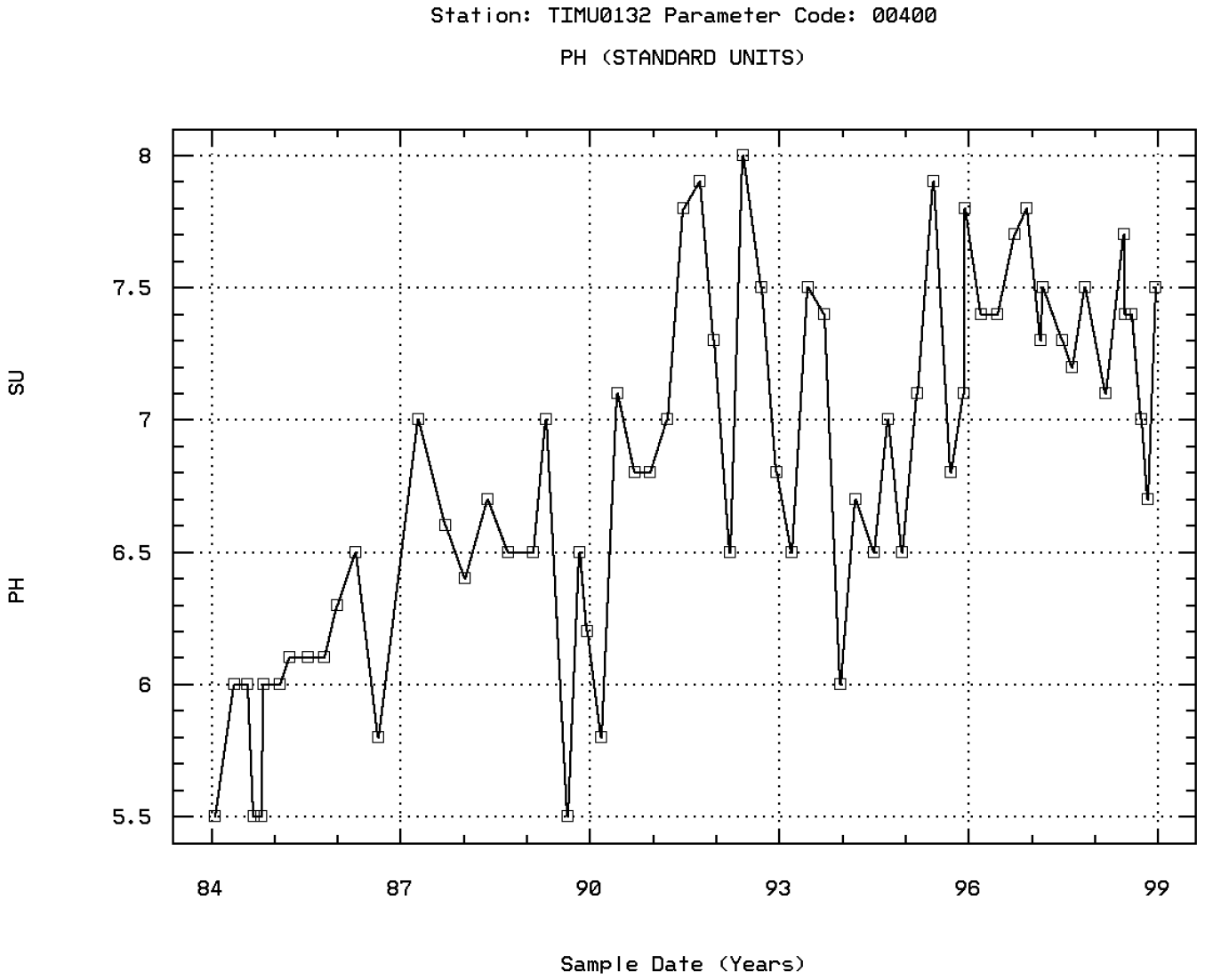
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: TIMU0132 Parameter Code: 00299

OXYGEN, DISSOLVED, ANALYSIS BY PROBE



GREENFIELD CR. AT GIRVIN ROAD LANDFILL



GREENFIELD CR. AT GIRVIN ROAD LANDFILL

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/84-12/15/98	54	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/84-12/15/98	38	28.95	27.692	34.3	18.2	17.044	4.128	21.09	24.35	31.075	32.03
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/25/84-12/15/98	39	6.1	5.754	9.2	1.1	4.036	2.009	2.3	4.7	7.	8.3
00400	PH (STANDARD UNITS)	01/25/84-12/15/98	38	7.	6.863	8.	5.5	0.521	0.722	5.77	6.4	7.425	7.81
00400	CONVERTED PH (STANDARD UNITS)	01/25/84-12/15/98	38	7.	6.305	8.	5.5	0.841	0.917	5.77	6.4	7.425	7.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/84-12/15/98	38	0.1	0.496	3.162	0.01	0.759	0.871	0.016	0.038	0.436	1.743
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	15	2.	4.867	32.	0.	69.267	8.323	0.6	1.	4.	21.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	18	20.	147.222	800.	10.	64585.948	254.138	10.	20.	172.5	800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	18	1.301	1.668	2.903	1.	0.405	0.636	1.	1.301	2.205	2.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.599								

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/25/84-12/15/98	33	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/84-12/15/98	26	16.9	16.692	24.6	8.7	19.591	4.426	10.71	13.1	20.275	24.29
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/25/84-12/15/98	26	8.25	7.923	10.2	4.1	3.343	1.829	5.13	6.65	9.35	10.13
00400	PH (STANDARD UNITS)	01/25/84-12/15/98	26	6.75	6.75	7.8	5.5	0.387	0.622	5.94	6.275	7.3	7.59
00400	CONVERTED PH (STANDARD UNITS)	01/25/84-12/15/98	26	6.747	6.357	7.8	5.5	0.548	0.74	5.94	6.275	7.3	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/84-12/15/98	26	0.179	0.439	3.162	0.016	0.458	0.677	0.027	0.05	0.534	1.175
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	9	1.	1.	3.	0.	1.	1.	0.	0.	1.5	3.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	7	40.	280.	1100.	10.	192966.667	439.28	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	7	1.602	1.864	3.041	1.	0.606	0.779	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			73.038								

** - 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

Station Inventory for Station: TIMU0133

NPS Station ID: TIMU0133 LAT/LON: 30.475448/ -81.458949 Agency: 11NPSWRD Date Created: 10/24/98
Location: INTRACOASTAL WATERWAY GUNNISON CUT FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BESD_FG09
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 09 WAS AT THE INTRACOASTAL WATERWAY GUNNISON CUT UPSTREAM OF THE MOUTH OF BROWARD CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM AROUND FORT GEORGE ISLAND CONDUCTED BY THE BIO-ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/06/85-12/10/86	6	2.5	2.833	7.	0.	10.167	3.189	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/84-11/13/84	1 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/10/86-12/10/86	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
82079	TURBIDITY, LAB	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: TIMU0134

NPS Station ID: TIMU0134
LAT/LON: 30.489170/ -81.459032
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT CM 55
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020042
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 7
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 5.750
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205011700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT SOUTH END OF SAWPIT CREEK EAST OF ICWW MARKER 55

Parameter Inventory for Station: TIMU0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	11	3.	3.309	6.	0.2	3.763	1.94	0.2	3.	5.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	5	21.	21.1	27.	14.3	21.37	4.623	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	5	8.2	8.22	16.	2.8	24.072	4.906	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	5	0.7	0.82	1.2	0.5	0.077	0.277	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	5	30.	32.	70.	10.	520.	22.804	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	3	45300.	42500.	50000.	32200.	85090000.	9224.424	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	5	43100.	39180.	49600.	26000.	96362000.	9816.415	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	5.8	5.8	6.5	5.1	0.98	0.99	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	5	6.9	6.64	8.1	4.4	1.843	1.358	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	5	1.4	1.18	2.1	0.1	0.617	0.785	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.81	7.725	7.98	7.3	0.087	0.295	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.81	7.64	7.98	7.3	0.096	0.31	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	4	0.015	0.023	0.05	0.01	0.	0.018	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	5	7.8	7.78	8.	7.5	0.037	0.192	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/15/91	5	7.8	7.745	8.	7.5	0.039	0.196	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	5	0.016	0.018	0.032	0.01	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	116.5	116.5	118.	115.	4.5	2.121	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	32.	33.333	36.	32.	5.333	2.309	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	26.	46.	117.	12.	1776.5	42.149	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	5.	6.8	18.	1.	44.2	6.648	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	23.	39.2	99.	9.	1276.2	35.724	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	4	0.11	0.349	1.17	0.005	0.302	0.55	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	2 ##	0.061	0.061	0.12	0.003	0.007	0.083	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	3	0.75	0.7	1.3	0.05	0.393	0.626	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.02	0.018	0.025	0.01	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	3	0.103	0.088	0.15	0.01	0.005	0.071	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	1	12020.	12020.	12020.	12020.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2	40.	40.	70.	10.	1800.	42.426	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2	1.423	1.423	1.845	1.	0.357	0.598	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.458								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	3	49.	59.	79.	49.	300.	17.321	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-11/26/84	3	1.69	1.759	1.898	1.69	0.014	0.12	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.457								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2 ##	4.25	4.25	7.	1.5	15.125	3.889	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2 ##	0.511	0.511	0.845	0.176	0.224	0.473	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.24								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	11.	20.667	49.	2.	622.333	24.947	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	1.041	1.011	1.69	0.301	0.483	0.695	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.254								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	3.	3.	3.	3.	0.	0.	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			3.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	5	7.9	8.18	12.	6.	5.212	2.283	**	**	**	**
81743	ARSENIC IN SHELLFISH TISSUE WET WEIGHT PPM (MG/KG)	03/23/82-03/23/82	1 ##	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
81744	CADMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
81745	CHROMIUM IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1 ##	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
81746	COPPER IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1	3.37	3.37	3.37	3.37	0.	0.	**	**	**	**
81748	LEAD IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1 ##	0.335	0.335	0.335	0.335	0.	0.	**	**	**	**
81749	ZINC IN SHELLFISH TISSUE WET WEIGHT PPM(MG/KG)	03/23/82-03/23/82	1	114.1	114.1	114.1	114.1	0.	0.	**	**	**	**
81770	MERCURY IN SHELLFISH TISSUE,WET WEIGHT,(PPM)MG/KG	03/23/82-03/23/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
81830	SELENIUM IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	1 ##	0.135	0.135	0.135	0.135	0.	0.	**	**	**	**
81831	SILVER IN SHELLFISH TISSUE WET WEIGHT MG/KG	03/23/82-03/23/82	1 ##	0.135	0.135	0.135	0.135	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	4	0	0.00	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	9	3.	3.156	6.	0.2	4.308	2.076	0.2	1.6	5.	6.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	2	4.	4.	5.	3.	2.	1.414	**	**	**	**

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

Station Inventory for Station: TIMU0135

NPS Station ID: TIMU0135
LAT/LON: 30.490281/ -81.459670
Agency: 11NPSWRD
Date Created: 10/10/98
Location: ICWW/SISTERS CREEK AT MARKER 61
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_TIM09
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 09 WAS AT INTERCOASTAL WATER WAY (ICWW)/SISTERS CREEK MARKER 61 INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 09 PREVIOUSLY WAS LABELED FG9. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-04/22/98	31	4.	5.968	15.	1.	22.699	4.764	1.	2.	10.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-02/18/98	20	18.	19.02	28.4	16.9	11.296	3.361	16.9	17.1	19.5	27.51
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-02/18/98	5	19.	21.72	29.	18.	22.292	4.721	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-02/18/98	5	95.	66.	100.	0.	2117.5	46.016	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-02/18/98	5	6.5	9.66	18.8	2.5	47.653	6.903	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-02/18/98	5	0.95	0.97	1.47	0.59	0.145	0.381	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-02/18/98	20	45637.	41045.65	49744.	12898.	149756262.766	12237.494	13943.5	39340.	48843.25	49596.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-02/18/98	20	7.5	7.42	9.	6.1	1.044	1.022	6.1	6.325	8.175	8.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-02/18/98	20	98.1	93.225	101.1	76.4	94.831	9.738	76.51	82.675	99.8	100.5
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-02/18/98	6 ##	0.75	0.75	1.	0.5	0.075	0.274	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-02/18/98	20	7.855	7.866	8.01	7.77	0.008	0.09	7.78	7.79	7.968	8.01
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-02/18/98	20	7.855	7.858	8.01	7.77	0.008	0.09	7.78	7.79	7.967	8.01
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-02/18/98	20	0.014	0.014	0.017	0.01	0.	0.003	0.01	0.011	0.016	0.017
00480	SALINITY - PARTS PER THOUSAND	02/19/97-02/18/98	20	29.65	26.52	32.6	7.4	70.228	8.38	8.03	25.075	32.	32.49
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-02/18/98	6	16.5	16.167	25.	9.	38.967	6.242	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-02/18/98	6 ##	0.01	0.023	0.093	0.005	0.001	0.035	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-02/18/98	6	0.301	0.395	0.805	0.245	0.046	0.215	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-02/18/98	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-02/18/98	6	0.049	0.055	0.089	0.036	0.	0.02	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-02/18/98	6	5367.5	4837.5	6395.	1285.	3295197.5	1815.268	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	8	657500.	633625.	751000.	214000.30	800839285.714	175501.679	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-02/18/98	6	16847.5	14138.667	18172.	3696.	30526913.467	5525.117	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	8	367.	360.625	611.	190.	21090.839	145.227	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	8 ##	5.	5.875	12.	5.	6.125	2.475	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	6 ##	1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	8 ##	2.5	4.688	11.	2.5	11.781	3.432	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	8	762.	735.	966.	414.	35830.857	189.29	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	8 ##	1.5	1.875	2.5	1.5	0.268	0.518	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	8 ##	15.5	21.25	44.	10.	198.5	14.089	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	8 ##	2.5	2.813	5.	2.5	0.781	0.884	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-02/18/98	6	0.015	0.017	0.031	0.01	0.	0.008	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-11/12/97	4	4.5	4.75	7.	3.	2.917	1.708	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0135

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	0	0.00	12	0	0.00	8	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	20	0	0.00	12	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	20	0	0.00	12	0	0.00	8	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	8	0	0.00	5	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	8	0	0.00	5	0	0.00	3	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	0	0.00	5	0	0.00	3	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	5	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	5	0	0.00	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	8	0	0.00	5	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	1	0.13	5	1	0.20	3	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	5	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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 Inventory for Station: TIMU0136

NPS Station ID: TIMU0136 LAT/LON: 30.525004/ -81.459727 Agency: 21FLJXWQ Date Created: 01/23/93
Location: NASSAU RIVER NEAR MOUTH OF SISTERS CREEK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NR0002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 0.50 On/Off RF1:
RF3 Index: 03070205000807.78 RF3 Mile Point: 17.86 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	29	25.3	22.969	29.7	12.2	30.485	5.521	14.6	17.35	27.	29.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	4	27.5	25.25	32.	14.	60.917	7.805	**	**	**	**
00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	4	7.5	16.25	50.	0.	522.917	22.867	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	4	5.75	7.125	12.	5.	11.063	3.326	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	27	48600.	42647.407	53000.	12000.	142584558.943	11940.878	22320.	40000.	50000.	52520.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	24900.	24900.	24900.	24900.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	29	7.3	7.076	9.7	4.8	1.662	1.289	4.9	6.05	8.	8.3
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	25	7.83	7.677	8.25	6.2	0.331	0.575	6.65	7.55	8.05	8.176
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	25	7.83	7.176	8.25	6.2	0.592	0.77	6.65	7.55	8.05	8.176
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	25	0.015	0.067	0.631	0.006	0.019	0.139	0.007	0.009	0.028	0.233
00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	17	32.2	32.594	35.	30.4	1.599	1.265	31.2	31.6	33.4	34.92
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	9	60.	76.667	124.	48.	867.5	29.453	48.	56.	109.5	124.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	17 ##	0.007	0.012	0.054	0.004	0.	0.012	0.005	0.006	0.01	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	8	0.35	0.365	0.9	0.022	0.073	0.27	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	17 ##	0.01	0.022	0.12	0.001	0.001	0.03	0.003	0.005	0.03	0.064
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	13	0.08	0.087	0.16	0.043	0.001	0.035	0.046	0.057	0.115	0.148
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	13	6400.	6618.462	11200.	3500.	3680097.436	1918.358	3820.	5700.	7320.	10240.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	13	19500.	18983.692	23700.	10700.	9019817.897	3003.301	13220.	18000.	20500.	22620.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	6 ##	0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	14	354.5	360.786	583.	95.	15428.181	124.21	162.5	295.	451.5	536.5
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	920.	920.	920.	920.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	6	3.	75.167	300.	2.	15146.167	123.07	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	12	16.75	48.083	212.	4.	3723.765	61.023	4.3	8.625	79.25	177.8
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	400.	626.	1600.	240.	310180.	556.938	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7 ##	2.5	14.143	67.	0.5	621.643	24.933	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	11	5.	82.091	360.	1.	17887.841	133.745	1.2	2.5	210.	344.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	10 ##	8.5	31.85	140.	0.5	2212.836	47.041	0.5	0.5	68.75	133.4
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	12	43.	76.083	220.	1.	6262.583	79.136	1.75	5.5	150.5	209.8
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	16	21.5	40.688	300.	1.	5247.829	72.442	1.	5.5	45.	146.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	16	1.331	1.164	2.477	0.	0.504	0.71	0.	0.702	1.647	2.075
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.579								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	17	8.	12.059	49.	1.	165.059	12.848	1.	2.5	18.5	33.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	17	0.903	0.815	1.69	0.	0.303	0.55	0.	0.301	1.254	1.52

** - 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

Parameter Inventory for Station: TIMU0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.536								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5 ##	0.25	0.29	0.5	0.1	0.041	0.201	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/15/85-07/27/92	5	4.3	4.46	7.6	0.9	6.233	2.497	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	17	7.3	7.229	12.	3.	7.701	2.775	3.24	4.5	9.55	11.2

** - 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: TIMU0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	29	0	0.00	22	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	25	0	0.00	18	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	25	2	0.08	18	0	0.00	7	2	0.29						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	2	0.33	4	1	0.25	2	1	0.50						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	2	0.17	10	2	0.20	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	1	0.14	6	1	0.17	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	2	0.18	10	2	0.20	1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	10 &	9	0.90	8	7	0.88	2	2	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	0	0.00	11	0	0.00	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	0	0.00	12	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	22	25.75	25.668	29.7	19.2	8.693	2.948	20.45	24.575	28.	29.67
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	20	48981.5	42914.	53000.	12000.	151758278.632	12319.021	13500.	40125.	50000.	52590.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	22	6.35	6.668	8.3	4.8	1.275	1.129	4.83	6.	7.775	8.24
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	18	7.825	7.72	8.25	6.75	0.206	0.454	6.795	7.575	7.983	8.205
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	18	7.825	7.429	8.25	6.75	0.296	0.544	6.795	7.575	7.982	8.205
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	18	0.015	0.037	0.178	0.006	0.003	0.055	0.006	0.01	0.027	0.16
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	12 ##	0.006	0.012	0.054	0.005	0.	0.014	0.005	0.006	0.01	0.044
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	12 ##	0.01	0.016	0.05	0.001	0.	0.017	0.002	0.005	0.019	0.05
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	10	383.5	390.6	583.	230.	12054.044	109.791	235.	295.	487.	573.7
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	10	16.75	52.2	212.	4.	4325.789	65.771	4.45	8.875	89.75	200.6
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	10	6.5	89.9	360.	1.	19130.044	138.311	1.1	2.375	227.5	352.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	9	103.	93.167	220.	1.	7165.875	84.651	1.	5.25	173.	220.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	11	20.	43.727	300.	1.	7455.818	86.347	1.	1.	33.	249.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	11	1.301	1.085	2.477	0.	0.631	0.794	0.	0.	1.519	2.32
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.174								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	12 ##	6.5	10.5	49.	1.	189.545	13.768	1.	1.	12.25	41.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	12 ##	0.801	0.697	1.69	0.	0.344	0.586	0.	0.	1.085	1.592
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.983								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	12	7.85	7.925	12.	3.6	6.264	2.503	3.87	6.2	9.675	11.7

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	14.6	14.486	15.5	12.2	1.165	1.079	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	47800.	41885.714	51900.	24900.	136384761.905	11678.389	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	7.9	8.357	9.7	7.7	0.77	0.877	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	8.05	7.567	8.16	6.2	0.72	0.848	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	7	8.05	6.847	8.16	6.2	1.324	1.151	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	7	0.009	0.142	0.631	0.007	0.06	0.244	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	5 ##	0.01	0.011	0.024	0.004	0.	0.008	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	5 ##	0.02	0.038	0.12	0.003	0.002	0.048	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	4	305.	286.25	440.	95.	20322.917	142.558	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	2	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	3	19.5	24.833	50.	5.	527.583	22.969	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	5	23.	34.	80.	4.	958.5	30.96	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	5	1.362	1.336	1.903	0.602	0.26	0.51	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.675								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	5	14.	15.8	30.	4.	114.2	10.686	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	5	1.146	1.098	1.477	0.602	0.125	0.353	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.532								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	5	4.5	5.56	10.	3.	8.643	2.94	**	**	**	**

** - 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

Station Inventory for Station: TIMU0137

NPS Station ID: TIMU0137
LAT/LON: 30.393588/ -81.459921
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CR NW TIP SHELL IS
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030499
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 7
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 4.660
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103354100.00
RF3 Mile Point: 0.10
Distance from RF3: 0.00
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT NW TIP OF SHELL ISLAND 250 FT SE OF FLASHING RED LIGHT NO 82 FT GEORGE ISLAND SURVEY STA #12

Parameter Inventory for Station: TIMU0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-10/10/94	47	4.	3.2	8.	0.2	4.809	2.193	0.2	0.2	5.	6.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-10/10/94	22	24.35	23.25	31.	15.	24.075	4.907	16.	19.875	27.25	29.64
00055	VELOCITY, STREAM FT/SEC	04/24/79-10/10/94	13	0.5	0.685	1.	0.4	0.068	0.261	0.44	0.5	1.	1.
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	6.25	6.683	10.5	4.6	5.07	2.252	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-10/10/94	23	4.8	5.83	22.	1.8	17.551	4.189	2.46	3.5	6.3	10.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-10/10/94	22	0.9	0.951	1.5	0.35	0.107	0.328	0.515	0.7	1.218	1.47
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-10/10/94	23	30.	41.739	140.	10.	976.383	31.247	15.	20.	60.	92.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/10/94	18	41250.	39294.444	47500.	23000.	43619379.085	6604.497	30920.	34500.	45000.	47050.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-10/10/94	17	38600.	35058.824	43500.	11200.	83578823.529	9142.145	19440.	29350.	42200.	42860.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-10/10/94	10	6.8	7.02	8.6	5.1	1.24	1.113	5.19	6.225	8.075	8.57
00300	OXYGEN, DISSOLVED MG/L	05/17/77-10/10/94	22	6.85	6.805	8.5	4.8	1.406	1.186	4.99	5.95	7.875	8.44
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-10/10/94	21	1.3	1.414	2.8	0.3	0.366	0.605	0.72	1.	1.7	2.44
00400	PH (STANDARD UNITS)	05/18/77-10/10/94	18	7.75	7.698	8.1	7.2	0.071	0.266	7.245	7.5	7.915	8.01
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-10/10/94	18	7.747	7.618	8.1	7.2	0.077	0.278	7.245	7.5	7.915	8.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-10/10/94	18	0.018	0.024	0.063	0.008	0.	0.016	0.01	0.012	0.032	0.057
00403	PH, LAB, STANDARD UNITS SU	05/17/77-10/10/94	22	7.9	7.845	8.1	7.4	0.03	0.174	7.63	7.7	8.	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-10/10/94	22	7.9	7.81	8.1	7.4	0.032	0.178	7.63	7.7	8.	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-10/10/94	22	0.013	0.016	0.04	0.008	0.	0.007	0.009	0.01	0.02	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-10/10/94	11	106.	101.636	124.	62.	227.455	15.082	68.6	99.	108.	120.8
00480	SALINITY - PARTS PER THOUSAND	11/26/84-10/10/94	15	29.	26.02	33.	14.	37.976	6.162	14.54	22.5	31.	32.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-10/10/94	18	15.5	27.5	101.	10.	575.324	23.986	10.9	12.75	40.	68.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-10/10/94	18	4.	4.778	12.	0.	9.359	3.059	1.8	2.75	6.25	10.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-10/10/94	18	13.	22.722	89.	6.	457.036	21.378	7.8	9.75	33.	60.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-10/10/94	14	0.02	0.047	0.2	0.005	0.004	0.061	0.005	0.01	0.053	0.185
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	8	0.009	0.019	0.1	0.	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-10/10/94	19	0.53	0.678	3.84	0.085	0.704	0.839	0.085	0.26	0.67	1.56
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-10/10/94	13	0.03	0.063	0.19	0.015	0.003	0.055	0.017	0.023	0.1	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-10/10/94	19	0.062	0.07	0.2	0.005	0.002	0.049	0.02	0.03	0.1	0.14
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	7	16560.	15360.	17430.	10200.	6328766.667	2515.704	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/17/77-04/06/92	3	0.78	2.55	6.12	0.75	9.559	3.092	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-10/10/94	12	86.	257.917	2000.	3.	310830.992	557.522	8.1	30.	180.	1508.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-10/10/94	12	1.929	1.876	3.301	0.477	0.496	0.704	0.724	1.477	2.246	3.078
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			75.112								

** - Less than 9 observations ## - 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: TIMU0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-01/08/92	10	21.	20.	49.	1.	289.333	17.01	1.	1.	33.	47.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-01/08/92	10	1.322	0.973	1.69	0.	0.501	0.708	0.	0.	1.519	1.673
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.407								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-01/08/92	3	10.	10.	17.	3.	49.	7.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-01/08/92	3	1.	0.903	1.23	0.477	0.149	0.386	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			7.99								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-01/08/92	10	4.5	9.5	49.	1.	216.5	14.714	1.	1.	10.25	45.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-01/08/92	10	0.651	0.627	1.69	0.	0.323	0.569	0.	0.	0.985	1.644
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.237								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/10/94	9	10.	119.111	950.	2.	97295.111	311.922	2.	6.	40.	950.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/08/92-10/10/94	9	1.	1.21	2.978	0.301	0.613	0.783	0.301	0.753	1.602	2.978
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.223								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.739	0.739	1.	0.477	0.137	0.37	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			5.477								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-04/06/92	3 ##	0.02	0.045	0.1	0.015	0.002	0.048	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-10/10/94	17	8.	8.294	14.8	3.	7.523	2.743	4.44	7.	10.	11.76

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

EPA Water Quality Criteria Analysis for Station: TIMU0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	23	0	0.00	16	0	0.00	7	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	6	0	0.00	4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	15	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	18	0	0.00	12	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	18	0	0.00	12	0	0.00	6	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	22	0	0.00	15	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	22	0	0.00	15	0	0.00	7	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	1	0.08	7	1	0.14	5	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	0	0.00	8	0	0.00	2	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	0	0.00	8	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	1	0.11	5	1	0.20	4	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-10/10/94	29	3.	2.807	6.	0.2	3.493	1.869	0.2	1.1	4.	5.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-10/10/94	16	25.95	25.538	31.	20.5	11.539	3.397	20.78	21.825	28.6	30.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-10/10/94	16	5.15	6.413	22.	2.7	20.407	4.517	3.12	4.125	7.125	13.25
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-10/10/94	15	0.85	0.895	1.5	0.35	0.105	0.324	0.44	0.7	1.2	1.38
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-10/10/94	16	30.	46.563	140.	10.	1309.063	36.181	13.5	20.	67.5	112.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/10/94	12	42750.	40666.667	47500.	23000.	52515151.515	7246.734	25700.	36375.	45375.	47350.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-10/10/94	10	31500.	31390.	42700.	11200.	107783222.222	10381.87	12230.	24125.	41900.	42680.
00300	OXYGEN, DISSOLVED MG/L	05/17/77-10/10/94	15	6.1	6.173	7.3	4.8	0.725	0.851	4.86	5.3	7.	7.3
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-10/10/94	14	1.55	1.557	2.8	0.3	0.444	0.666	0.55	1.1	2.05	2.65
00400	PH (STANDARD UNITS)	05/18/77-10/10/94	12	7.625	7.622	8.1	7.2	0.074	0.273	7.215	7.425	7.8	8.058
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-10/10/94	12	7.619	7.546	8.1	7.2	0.081	0.284	7.215	7.425	7.8	8.058
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-10/10/94	12	0.024	0.028	0.063	0.008	0.	0.017	0.009	0.016	0.038	0.061
00403	PH, LAB, STANDARD UNITS SU	05/17/77-10/10/94	15	7.8	7.78	8.	7.4	0.027	0.166	7.52	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-10/10/94	15	7.8	7.749	8.	7.4	0.028	0.169	7.52	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-10/10/94	15	0.016	0.018	0.04	0.01	0.	0.008	0.01	0.013	0.02	0.031
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-10/10/94	11	23.	34.636	101.	11.	777.455	27.883	11.4	15.	46.	93.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-10/10/94	11	5.	5.909	12.	3.	9.291	3.048	3.	3.	8.	11.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-10/10/94	11	18.	28.727	89.	8.	629.818	25.096	8.4	12.	39.	82.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-10/10/94	12	0.545	0.81	3.84	0.085	1.081	1.04	0.085	0.129	0.793	3.156
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-10/10/94	12	0.045	0.069	0.2	0.005	0.004	0.059	0.01	0.023	0.108	0.182
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-10/10/94	10	7.	7.12	11.	3.	5.928	2.435	3.18	4.875	8.875	10.9

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-10/10/94	18	4.5	3.833	8.	0.2	6.571	2.563	0.2	0.2	5.	7.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-10/10/94	6	16.3	17.15	21.3	15.	5.103	2.259	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-10/10/94	7	3.5	4.5	11.	1.8	10.37	3.22	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-10/10/94	7	1.1	1.071	1.5	0.6	0.106	0.325	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-10/10/94	7	30.	30.714	40.	15.	103.571	10.177	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/10/94	6	36250.	36550.	44000.	31800.	19215000.	4383.492	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-10/10/94	7	41000.	40300.	43500.	36900.	6720000.	2592.296	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-10/10/94	7	8.2	8.157	8.5	7.7	0.1	0.315	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-10/10/94	7	1.1	1.129	1.7	0.7	0.116	0.34	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/77-10/10/94	6	7.9	7.85	8.	7.5	0.035	0.187	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-10/10/94	6	7.9	7.811	8.	7.5	0.037	0.192	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-10/10/94	6	0.013	0.015	0.032	0.01	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-10/10/94	7	8.	7.986	8.1	7.9	0.008	0.09	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-10/10/94	7	8.	7.978	8.1	7.9	0.008	0.09	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-10/10/94	7	0.01	0.011	0.013	0.008	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-10/10/94	7	13.	16.286	38.	10.	94.238	9.708	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-10/10/94	7	2.	3.	6.	0.	5.	2.236	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-10/10/94	7	12.	13.286	32.	6.	75.238	8.674	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-10/10/94	7	0.47	0.45	0.67	0.11	0.034	0.184	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-10/10/94	7	0.062	0.071	0.136	0.05	0.001	0.03	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-10/10/94	7	10.	9.971	14.8	8.	5.589	2.364	**	**	**	**

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

Station Inventory for Station: TIMU0138

NPS Station ID: TIMU0138
LAT/LON: 30.385253/ -81.459921
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT ICW
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030491
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 25
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 4.350
Distance from RF1: 18.20
On/Off RF1: OFF
RF3 Index: 03080103259500.00
RF3 Mile Point: 0.77
Distance from RF3: 0.06
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT ICW AT HECKSCHER DR AND SR 105
FT GEORGE SURVEY #1

Parameter Inventory for Station: TIMU0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	16	12.5	10.588	17.	0.2	33.437	5.782	0.2	5.	14.	17.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	11	24.	23.9	30.	15.	14.938	3.865	16.14	22.	25.5	29.5
00055	VELOCITY, STREAM FT/SEC	07/26/78-04/15/91	4	1.2	1.225	1.5	1.	0.069	0.263	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	05/17/77-05/19/77	6	27.55	27.	29.5	23.	7.432	2.726	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	11	3.1	3.745	11.	2.	6.125	2.475	2.08	2.5	3.6	9.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	10	1.2	1.237	1.7	0.7	0.075	0.273	0.737	1.168	1.375	1.69
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	11	20.	24.545	80.	10.	422.273	20.549	10.	10.	30.	72.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/17/77-10/15/90	8	43750.	42225.	45500.	31500.	21507857.143	4637.656	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/78-04/15/91	5	37600.	34500.	42000.	21000.	71280000.	8442.748	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	11	5.7	6.045	7.7	4.9	0.833	0.913	4.94	5.5	7.	7.6
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-04/15/91	9	0.9	1.089	2.9	0.3	0.564	0.751	0.3	0.7	1.3	2.9
00400	PH (STANDARD UNITS)	05/18/77-04/15/91	6	7.66	7.588	8.	6.85	0.156	0.394	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/77-04/15/91	6	7.656	7.4	8.	6.85	0.198	0.445	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/77-04/15/91	6	0.022	0.04	0.141	0.01	0.003	0.05	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-04/15/91	10	7.85	7.82	8.1	7.5	0.037	0.193	7.51	7.675	8.	8.09
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-04/15/91	10	7.847	7.781	8.1	7.5	0.039	0.198	7.51	7.675	8.	8.09
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-04/15/91	10	0.014	0.017	0.032	0.008	0.	0.008	0.008	0.01	0.021	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	106.5	106.5	115.	98.	144.5	12.021	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	29.	28.633	29.9	27.	2.203	1.484	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/17/77-04/15/91	6	34.5	42.667	95.	17.	913.067	30.217	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/17/77-04/15/91	6	5.5	6.5	11.	2.	14.7	3.834	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/17/77-04/15/91	6	29.	36.167	84.	14.	717.767	26.791	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/78-10/15/90	4 ##	0.073	0.088	0.2	0.005	0.01	0.098	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/17/77-04/24/79	8 ##	0.003	0.084	0.55	0.003	0.037	0.191	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/17/77-11/26/84	9	0.72	1.972	9.99	0.085	9.985	3.16	0.085	0.345	2.445	9.99
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.025	0.083	0.2	0.025	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/17/77-11/26/84	8	0.03	0.059	0.17	0.01	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-07/26/78	7	16890.	16091.857	19850.	8643.	12374230.81	3517.702	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2	38.	38.	43.	33.	50.	7.071	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2	1.576	1.576	1.633	1.519	0.007	0.081	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			37.67								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/17/77-11/26/84	9	17.	30.222	140.	2.	1913.944	43.749	2.	4.	37.5	140.

** - Less than 9 observations ## - 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: TIMU0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/17/77-11/26/84	9	1.23	1.126	2.146	0.301	0.375	0.613	0.301	0.54	1.553	2.146
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.381								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2	0.661	0.661	0.845	0.477	0.068	0.26	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.583								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-11/26/84	9	5.	9.889	49.	1.	225.861	15.029	1.	2.	10.	49.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/77-11/26/84	9	0.699	0.709	1.69	0.	0.246	0.496	0.	0.301	0.998	1.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.122								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	22.	22.	37.	7.	450.	21.213	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	1.207	1.207	1.568	0.845	0.261	0.511	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			16.093								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/26/78-07/26/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/26/78-04/15/91	4	27.95	27.975	33.	23.	19.469	4.412	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/05/78-01/05/78	1	2.974	2.974	2.974	2.974	0.	0.	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/05/78-01/05/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00	10	0	0.00	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	10	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	10	0	0.00	9	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	10	0	0.00	9	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	0	0.00	8	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	0	0.00	8	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	14	12.5	10.814	17.	0.2	32.6	5.71	0.2	8.75	14.	17.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	10	24.45	24.79	30.	20.7	6.917	2.63	20.83	23.35	26.	29.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	10	3.05	3.02	4.	2.	0.373	0.611	2.04	2.475	3.525	3.96
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	9	1.2	1.241	1.7	0.7	0.084	0.29	0.7	1.135	1.45	1.7
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	10	17.5	24.	80.	10.	465.556	21.577	10.	10.	25.	76.
00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	10	5.65	5.88	7.2	4.9	0.591	0.769	4.92	5.4	6.625	7.18
00310	BOD, 5 DAY, 20 DEG C MG/L	05/17/77-04/15/91	9	0.9	1.089	2.9	0.3	0.564	0.751	0.3	0.7	1.3	2.9
00403	PH, LAB, STANDARD UNITS SU	05/17/77-04/15/91	9	7.8	7.8	8.1	7.5	0.038	0.194	7.5	7.65	7.95	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-04/15/91	9	7.8	7.762	8.1	7.5	0.039	0.198	7.5	7.65	7.95	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-04/15/91	9	0.016	0.017	0.032	0.008	0.	0.008	0.008	0.011	0.023	0.032

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/17/77-04/15/91	2	9.	9.	15.	3.	72.	8.485	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/77-04/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/17/77-04/15/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/17/77-04/15/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/17/77-04/15/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/77-04/15/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/17/77-04/15/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/17/77-04/15/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/77-04/15/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

Station Inventory for Station: TIMU0139

NPS Station ID: TIMU0139
LAT/LON: 30.528253/ -81.460337
Agency: 21FLA
Date Created: 07/08/78
Location: MARKER #46 JUNC S AMELIA R NASSA
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020026
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 17.310
Distance from RF1: 5.60
On/Off RF1: ON
RF3 Index: 03070204034500.00
RF3 Mile Point: 6.18
Distance from RF3: 0.16
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA LIGHTED MARKER #46 JUNCTION OF AMELIA RIVER AND NASSAU RIVER

Parameter Inventory for Station: TIMU0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/02/77-02/10/98	66	5.	4.945	18.	0.	14.004	3.742	0.2	2.75	7.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-10/05/94	29	23.	22.341	30.	10.2	23.45	4.842	15.5	19.	26.	28.6
00055	VELOCITY, STREAM FT/SEC	07/12/78-10/05/94	15	1.	0.887	1.5	0.5	0.078	0.28	0.5	0.5	1.	1.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/12/77-10/05/94	30	6.25	8.497	27.	1.9	44.327	6.658	2.26	3.25	13.3	17.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/02/77-07/05/94	29	0.9	0.954	1.55	0.5	0.098	0.313	0.6	0.7	1.2	1.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/02/77-10/05/94	30	30.	38.667	140.	5.	736.092	27.131	15.	20.	50.	78.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/02/77-10/05/94	23	39800.	40308.696	50000.	13000.	67163557.312	8195.338	33560.	35800.	47200.	50000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/77-10/05/94	28	39400.	37840.714	51500.	40.	126150414.286	11231.67	27120.	33500.	45075.	48270.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/02/77-04/04/94	10	6.75	7.23	9.4	5.5	1.667	1.291	5.56	6.175	8.375	9.32
00300	OXYGEN, DISSOLVED MG/L	05/02/77-10/05/94	31	7.2	7.032	8.7	4.2	1.195	1.093	5.52	6.3	7.9	8.36
00310	BOD, 5 DAY, 20 DEG C MG/L	05/02/77-10/05/94	31	1.5	1.629	3.8	0.5	0.697	0.835	0.62	1.1	1.9	2.88
00400	PH (STANDARD UNITS)	05/02/77-10/05/94	19	7.6	7.293	8.05	3.3	1.192	1.092	6.	7.1	7.85	8.05
00400	CONVERTED PH (STANDARD UNITS)	05/02/77-10/05/94	19	7.6	4.577	8.05	3.3	8.975	2.996	6.	7.1	7.85	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/77-10/05/94	19	0.025	26.463	501.187	0.009	13215.776	114.96	0.009	0.014	0.079	1.
00403	PH, LAB, STANDARD UNITS SU	04/04/78-10/05/94	27	7.8	7.863	8.2	7.3	0.033	0.182	7.68	7.8	8.	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/78-10/05/94	27	7.8	7.822	8.2	7.3	0.035	0.187	7.68	7.8	8.	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/78-10/05/94	27	0.016	0.015	0.05	0.006	0.	0.008	0.008	0.01	0.016	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-10/05/94	11	109.	104.364	122.	36.	544.655	23.338	49.8	105.	115.	121.2
00480	SALINITY - PARTS PER THOUSAND	05/07/80-07/05/94	19	30.7	30.216	37.	7.	40.91	6.396	27.	28.2	34.	36.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/77-10/05/94	29	55.	62.31	148.	3.	1922.722	43.849	9.	25.5	111.	126.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/12/77-10/05/94	29	9.	9.966	20.	2.	37.606	6.132	3.	4.	17.	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/12/77-10/05/94	29	46.	52.362	129.	0.5	1485.659	38.544	7.	20.	95.5	106.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/02/77-02/10/98	28 ##	0.023	0.13	0.92	0.005	0.052	0.229	0.005	0.01	0.145	0.496
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/77-05/18/83	4	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/02/77-05/07/80	7	0.06	0.064	0.18	0.003	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/02/77-02/10/98	28	0.545	0.577	1.79	0.005	0.199	0.446	0.01	0.155	0.813	1.236
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-02/10/98	22 ##	0.02	0.022	0.07	0.007	0.	0.016	0.01	0.01	0.026	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/02/77-02/10/98	30	0.091	0.147	0.62	0.005	0.022	0.149	0.014	0.057	0.202	0.419
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/02/77-02/10/98	4	6.5	13.5	39.	2.	295.	17.176	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/10/98-02/10/98	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/10/98-02/10/98	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/10/98-02/10/98	1	2.76	2.76	2.76	2.76	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/10/98-02/10/98	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/77-02/10/98	6	15850.5	13996.	20740.	5.	51443850.	7172.437	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-02/10/98	4	450.	775.125	2200.	0.5	948908.396	974.119	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/07/80-07/06/92	8	0.855	0.864	0.98	0.75	0.007	0.083	**	**	**	**

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

Parameter Inventory for Station: TIMU0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	05/02/77-10/12/77	2	477.5	477.5	500.	455.	1012.5	31.82	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/78-10/05/94	14	35.	112.321	850.	1.	50358.754	224.408	1.25	8.5	110.	542.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/78-10/05/94	14	1.54	1.431	2.929	0.	0.683	0.826	0.088	0.901	2.003	2.65
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.979								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/77-06/12/85	15	33.	176.2	1700.	1.	183938.457	428.88	1.	2.	130.	818.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/77-06/12/85	15	1.519	1.403	3.23	0.	1.008	1.004	0.	0.301	2.114	2.709
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.29								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	2 ##	5.75	5.75	10.	1.5	36.125	6.01	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-04/08/91	2 ##	0.588	0.588	1.	0.176	0.339	0.583	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.873								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	15	2.	29.4	230.	1.	3453.686	58.768	1.	1.	49.	121.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	15	0.301	0.81	2.362	0.	0.64	0.8	0.	0.	1.69	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.451								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-10/05/94	10	2.5	38.75	300.	0.5	8658.403	93.051	0.55	1.	24.5	275.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-10/05/94	10	0.389	0.697	2.477	-0.301	0.807	0.898	-0.271	0.	1.328	2.399
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.979								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			1.5								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/07/80-05/07/80	1	14.56	14.56	14.56	14.56	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/07/80-05/18/83	3	1.34	1.807	3.81	0.27	3.296	1.816	**	**	**	**
48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	04/04/78-05/15/78	2 ##	25.	25.	49.	1.	1152.	33.941	**	**	**	**
48201	LOG FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	04/04/78-05/15/78	2 ##	0.845	0.845	1.69	0.	1.428	1.195	**	**	**	**
48201	GM FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	GEOMETRIC MEAN =			7.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/12/77-07/06/92	8 ##	0.015	0.027	0.09	0.003	0.001	0.029	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/08/90-10/08/90	1	181.	181.	181.	181.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/04/78-10/05/94	26	11.25	12.546	24.5	6.	21.054	4.588	8.35	9.	14.	21.15
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/25/76-10/08/90	9	2.78	2.879	4.13	1.498	1.017	1.009	1.498	1.847	3.897	4.13
82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	05/25/76-04/04/78	3	0.211	0.185	0.218	0.127	0.003	0.051	**	**	**	**
82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	05/25/76-04/04/78	3	0.474	0.407	0.661	0.087	0.086	0.293	**	**	**	**
82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	05/25/76-04/04/78	3	0.03	0.036	0.058	0.019	0.	0.02	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/25/76-10/08/90	9	25.	24.	48.	11.	120.25	10.966	11.	15.5	28.5	48.
82257	BIOTIC INDEX (SPECIES) INDEX	10/08/90-10/08/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	30	0	0.00	18	0	0.00	12	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	4	0	0.00	6	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	19	0	0.00	12	0	0.00						
00400	PH	Fresh Chronic	9.	19	0	0.00	12	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	19	2	0.11	12	2	0.17	7	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	27	0	0.00	16	0	0.00	11	0	0.00						
		Other-Lo Lim.	6.5	27	0	0.00	16	0	0.00	11	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	3	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	6	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	13	0	0.00	9	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	5	0.83	4	4	1.00	2	1	0.50						
		Drinking Water	250.	6	5	0.83	4	4	1.00	2	1	0.50						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	3	0.75	3	3	1.00	1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	8	0	0.00	4	0	0.00	4	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	0	0.00	8	0	0.00	6	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	1	0.07	11	1	0.09	4	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	1	0.07	11	1	0.09	4	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	1	0.10	6	1	0.17	4	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/02/77-02/10/98	38	5.	5.353	18.	0.	18.529	4.304	0.2	2.3	7.	10.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-10/05/94	18	24.35	25.278	30.	20.7	7.703	2.775	21.87	23.25	28.	29.1
00055	VELOCITY, STREAM FT/SEC	07/12/78-10/05/94	9	1.	0.811	1.	0.5	0.059	0.242	0.5	0.5	1.	1.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/12/77-10/05/94	18	6.95	8.711	23.	1.9	34.136	5.843	2.71	3.775	13.3	16.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/02/77-07/05/94	19	0.8	0.933	1.5	0.5	0.101	0.318	0.55	0.7	1.2	1.5
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/02/77-10/05/94	19	30.	40.263	140.	5.	976.316	31.246	10.	20.	50.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/02/77-10/05/94	13	45000.	42530.769	50000.	13000.	105763974.359	10284.161	21680.	38000.	50000.	50000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/77-10/05/94	16	40450.	39156.25	51500.	10200.	105814625.	10286.624	23360.	34250.	46975.	50940.
00300	OXYGEN, DISSOLVED MG/L	05/02/77-10/05/94	19	6.4	6.632	8.4	4.2	1.266	1.125	5.	6.	7.5	8.2
00310	BOD, 5 DAY, 20 DEG C MG/L	05/02/77-10/05/94	20	1.55	1.545	3.6	0.5	0.633	0.796	0.51	1.025	1.9	2.76
00400	PH (STANDARD UNITS)	05/02/77-10/05/94	12	7.5	7.07	8.05	3.3	1.741	1.32	4.11	6.98	7.825	8.05
00400	CONVERTED PH (STANDARD UNITS)	05/02/77-10/05/94	12	7.489	4.378	8.05	3.3	9.647	3.106	4.11	6.98	7.825	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/77-10/05/94	12	0.032	41.883	501.187	0.009	20921.771	144.644	0.009	0.015	0.106	351.131
00403	PH, LAB, STANDARD UNITS SU	04/04/78-10/05/94	16	7.8	7.863	8.2	7.3	0.046	0.216	7.58	7.8	8.	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/78-10/05/94	16	7.8	7.806	8.2	7.3	0.05	0.223	7.58	7.8	8.	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/78-10/05/94	16	0.016	0.016	0.05	0.006	0.	0.01	0.006	0.01	0.016	0.029
00480	SALINITY - PARTS PER THOUSAND	05/07/80-07/05/94	12	32.	30.283	37.	7.	63.183	7.949	13.	28.65	34.875	36.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/77-10/05/94	18	55.5	65.667	137.	9.	1668.235	40.844	17.1	28.25	115.75	127.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/12/77-10/05/94	18	9.	10.	20.	2.	31.529	5.615	2.9	5.	17.	18.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/12/77-10/05/94	18	47.	55.667	119.	7.	1320.	36.332	13.3	20.75	101.5	107.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/02/77-02/10/98	18 ##	0.03	0.16	0.92	0.005	0.069	0.262	0.005	0.01	0.195	0.668
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/02/77-02/10/98	18	0.53	0.5	1.29	0.005	0.16	0.4	0.01	0.11	0.79	1.155
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-02/10/98	13 ##	0.02	0.024	0.07	0.007	0.	0.019	0.008	0.01	0.035	0.062
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/02/77-02/10/98	19	0.092	0.133	0.42	0.005	0.014	0.12	0.01	0.059	0.197	0.41
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/77-06/12/85	11	23.	222.818	1700.	1.	248401.564	498.399	1.	2.	230.	1406.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/77-06/12/85	11	1.362	1.313	3.23	0.	1.368	1.17	0.	0.301	2.362	3.057
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.574								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	11	2.	31.545	230.	1.	4683.873	68.439	1.	1.	49.	193.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	11	0.301	0.714	2.362	0.	0.687	0.829	0.	0.	1.69	2.227
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.171								
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/04/78-10/05/94	16	11.65	12.95	24.5	6.	24.805	4.98	7.75	9.25	14.	22.05

** - 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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/02/77-02/10/98	28	5.	4.393	10.	0.2	7.773	2.788	0.2	2.25	6.	8.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-10/05/94	11	18.7	17.536	23.	10.2	11.647	3.413	10.96	15.5	19.5	22.4
00055	VELOCITY, STREAM FT/SEC	07/12/78-10/05/94	6	1.	1.	1.5	0.5	0.1	0.316	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/12/77-10/05/94	12	4.3	8.175	27.	2.	63.918	7.995	2.06	3.025	14.4	24.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/02/77-07/05/94	10	0.915	0.993	1.55	0.6	0.101	0.318	0.605	0.688	1.25	1.535
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/02/77-10/05/94	11	30.	35.909	80.	15.	364.091	19.081	16.	20.	50.	74.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/02/77-10/05/94	10	37650.	37420.	41500.	32800.	6755111.111	2599.06	33070.	35500.	39850.	41350.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/77-10/05/94	12	39050.	36086.667	47600.	40.	159475587.879	12628.364	9328.	32000.	44525.	47180.
00300	OXYGEN, DISSOLVED MG/L	05/02/77-10/05/94	12	7.65	7.667	8.7	6.7	0.472	0.687	6.7	7.025	8.2	8.64
00310	BOD, 5 DAY, 20 DEG C MG/L	05/02/77-10/05/94	11	1.5	1.782	3.8	0.9	0.848	0.921	0.92	1.1	2.6	3.62
00400	PH (STANDARD UNITS)	05/02/77-10/05/94	7	7.72	7.674	8.	7.	0.116	0.341	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/02/77-10/05/94	7	7.72	7.533	8.	7.	0.139	0.373	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/77-10/05/94	7	0.019	0.029	0.1	0.01	0.001	0.032	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/78-10/05/94	11	7.9	7.864	8.	7.6	0.017	0.129	7.62	7.8	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/78-10/05/94	11	7.9	7.845	8.	7.6	0.017	0.13	7.62	7.8	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/78-10/05/94	11	0.013	0.014	0.025	0.01	0.	0.005	0.01	0.01	0.016	0.024
00480	SALINITY - PARTS PER THOUSAND	05/07/80-07/05/94	7	30.	30.1	34.	27.	6.87	2.621	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/77-10/05/94	11	37.	56.818	148.	3.	2494.164	49.942	4.	18.	107.	143.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/12/77-10/05/94	11	8.	9.909	19.	2.	51.691	7.19	2.2	4.	19.	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/12/77-10/05/94	11	29.	46.955	129.	0.5	1864.023	43.174	1.6	14.	90.	124.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/02/77-02/10/98	10 ##	0.014	0.074	0.48	0.01	0.022	0.149	0.01	0.01	0.055	0.447
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/02/77-02/10/98	10	0.705	0.716	1.79	0.068	0.262	0.512	0.078	0.313	0.953	1.734
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-02/10/98	9 ##	0.02	0.02	0.05	0.01	0.	0.012	0.01	0.013	0.02	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/02/77-02/10/98	11	0.08	0.172	0.62	0.011	0.038	0.194	0.017	0.056	0.24	0.586
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/77-06/12/85	4	41.	48.	79.	31.	492.	22.181	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/77-06/12/85	4	1.604	1.649	1.898	1.491	0.035	0.187	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.609								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	4	22.	23.5	49.	1.	441.	21.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/77-06/12/85	4	1.303	1.074	1.69	0.	0.57	0.755	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.854								
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/04/78-10/05/94	10	11.	11.9	21.5	8.	16.387	4.048	8.1	9.	13.	20.95

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

Station Inventory for Station: TIMU0140

NPS Station ID: TIMU0140 | LAT/LON: 30.359948/ -81.461087 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: GREENFIELD CREEK TRIBUTARY SITE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_TIM17/GC-3
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE JACKSONVILLE BEACH; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 17 WAS AT GREENVILLE CREEK EAST OF BUCCANEER POINT OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/97-04/22/98	6	23.8	23.	28.5	17.7	17.628	4.199	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/97-04/22/98	6	29302.	26780.167	40221.	2782.	176778510.167	13295.808	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/15/97-04/22/98	6	5.6	5.85	7.3	5.2	0.559	0.748	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/15/97-04/22/98	6	74.7	74.367	76.7	70.8	4.151	2.037	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/15/97-04/22/98	6	7.335	7.257	7.62	6.77	0.111	0.333	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/97-04/22/98	6	7.308	7.148	7.62	6.77	0.125	0.354	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/97-04/22/98	6	0.049	0.071	0.17	0.024	0.003	0.057	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/97-04/22/98	6	18.1	16.667	25.8	1.4	74.023	8.604	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00	5	0	0.00	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0141

NPS Station ID: TIMU0141 LAT/LON: 30.522920/ -81.461142 Agency: 11NPSWRD Date Created: 10/10/98
Location: NASSAU R AT CONFLUENCE WITH ICWW/SISTERS CK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM08
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 08 WAS AT THE NASSAU RIVER AT CONFLUENCE THE ICCW/SISTERS CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 08 PREVIOUSLY WAS LABELED NR2. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	60	5.5	7.328	20.	0.	36.394	6.033	1.	2.	13.	15.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	40	20.25	21.335	28.4	14.9	22.244	4.716	16.01	17.1	26.675	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	8	22.	23.125	29.	18.	24.036	4.903	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	8	25.	40.625	100.	0.	1803.125	42.463	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	8	8.25	10.038	23.	4.	45.777	6.766	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	8	0.89	0.979	1.39	0.75	0.054	0.232	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	40	46618.	45125.975	49801.	29897.	21581523.922	4645.592	36754.6	43669.25	48288.5	49737.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	40	7.2	7.115	8.7	5.3	1.001	1.001	5.4	6.7	8.025	8.58
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	37	98.	95.368	110.	81.	62.464	7.903	82.18	86.55	99.6	105.16
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	9	1.	0.944	1.	0.5	0.028	0.167	0.5	1.	1.	1.
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	40	7.96	7.944	8.12	7.68	0.014	0.119	7.721	7.873	8.035	8.098
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	40	7.96	7.927	8.12	7.68	0.014	0.12	7.721	7.872	8.035	8.098
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	40	0.011	0.012	0.021	0.008	0.	0.004	0.008	0.009	0.013	0.019
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	40	30.35	29.282	32.7	18.5	11.089	3.33	23.22	28.225	31.575	32.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	10	19.	19.9	32.	9.	80.767	8.987	9.1	10.75	30.	31.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	10 ##	0.011	0.033	0.125	0.005	0.002	0.041	0.005	0.005	0.054	0.121
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	10	0.335	0.574	3.	0.05	0.744	0.862	0.064	0.208	0.422	2.754
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.006	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	10	0.04	0.044	0.075	0.022	0.	0.017	0.023	0.031	0.054	0.074
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	10	5966.5	5540.7	6602.	2550.	1550648.456	1245.25	2782.1	4998.5	6418.75	6600.7
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	9	707000.	695333.333	786000.	455000.	9400000000.	96953.597	455000.	686000.	759000.	786000.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	10	16768.5	16105.8	18323.	9213.	7058697.289	2656.821	9792.9	15301.5	17818.75	18272.8

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

Parameter Inventory for Station: TIMU0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	9 ##	0.5	0.778	2.	0.5	0.257	0.507	0.5	0.5	1.	2.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	9	384.	426.222	828.	158.	44506.694	210.966	158.	256.	581.	828.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	8 ##	1.5	1.625	2.5	1.5	0.125	0.354	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	9 ##	2.5	6.222	22.	2.5	47.257	6.874	2.5	2.5	9.5	22.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	9	716.	860.889	2000.	224.	258127.361	508.062	224.	568.5	1078.	2000.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	9 ##	1.5	1.722	2.5	1.5	0.194	0.441	1.5	1.5	2.	2.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	9 ##	10.	18.889	39.	10.	151.611	12.313	10.	10.	30.	39.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	9 ##	5.	6.222	16.	5.	13.444	3.667	5.	5.	5.	16.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	9 ##	2.5	5.278	25.	2.5	55.382	7.442	2.5	2.5	3.75	25.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	10	0.011	0.011	0.018	0.002	0.	0.006	0.002	0.005	0.017	0.018
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	8	8.	8.488	14.2	4.	14.833	3.851	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	40	0	0.00	30	0	0.00	10	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	40	0	0.00	30	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	40	0	0.00	30	0	0.00	10	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	9	0	0.00	7	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	9	0	0.00	7	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	9	0	0.00	7	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	9	0	0.00	7	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	9	0	0.00	7	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	9	0	0.00	7	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	9	2	0.22	7	2	0.29	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	9	0	0.00	7	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	0	0.00	7	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0142

NPS Station ID: TIMU0142
LAT/LON: 30.387226/ -81.461476
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT REPAIR BASIN (SISTERS CREEK)
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	58	21.95	21.819	31.	10.5	37.77	6.146	13.	16.65	27.5	28.84
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	15	27.4	25.453	32.	11.	35.57	5.964	14.6	21.	29.1	31.4
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	56	0.	18.482	85.	0.	899.927	29.999	0.	0.	38.75	76.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	57	0.91	0.981	4.52	0.	0.38	0.616	0.528	0.725	1.035	1.46
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	58	33403.5	32678.448	49467.	9966.	82854775.866	9102.46	20070.	25821.	39964.5	45211.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	58	7.	6.805	9.2	4.8	1.403	1.184	5.3	5.675	7.8	8.41
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	44	0.7	0.73	2.	0.	0.226	0.475	0.2	0.325	1.	1.35
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	57	7.62	7.347	8.14	5.9	0.395	0.628	6.48	6.7	7.84	7.99
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	57	7.62	6.871	8.14	5.9	0.626	0.791	6.48	6.7	7.84	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	57	0.024	0.135	1.259	0.007	0.054	0.233	0.01	0.014	0.2	0.333
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	58	22.	22.012	32.4	5.6	42.711	6.535	13.89	16.175	28.	30.01
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	58	25.5	28.172	58.	0.	126.215	11.235	16.9	20.	36.	44.4
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	43	0.62	0.62	1.12	0.27	0.045	0.212	0.322	0.45	0.77	0.916
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	58 ##	0.03	0.036	0.2	0.	0.001	0.03	0.015	0.015	0.05	0.061
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	57	0.57	0.645	1.69	0.25	0.093	0.306	0.318	0.425	0.77	1.098
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	57	0.1	0.107	0.29	0.01	0.006	0.075	0.02	0.045	0.17	0.202
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	57	0.075	0.077	0.18	0.02	0.001	0.033	0.048	0.05	0.1	0.12
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	59	12996.	12158.068	19369.	0.	18586290.788	4311.182	7123.	9172.	15370.	17395.
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.651	0.651	1.301	0.	0.846	0.92	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.472								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	42	80.	140.238	800.	10.	28895.064	169.985	13.	20.	230.	440.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	42	1.903	1.856	2.903	1.	0.283	0.532	1.09	1.301	2.362	2.632
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			71.773								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	43	20.	33.953	220.	10.	1457.807	38.181	10.	10.	40.	76.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	43	1.301	1.376	2.342	1.	0.117	0.342	1.	1.	1.602	1.88
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.794								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	58	3.15	3.59	12.7	0.	7.024	2.65	1.27	2.2	4.325	5.336
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	58	0.03	0.042	0.1	0.	0.001	0.028	0.01	0.015	0.07	0.08
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	15 ##	0.55	1.05	2.	0.25	0.656	0.81	0.28	0.3	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	33.	33.	33.	33.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	57	5.	5.589	23.	0.	18.216	4.268	0.	3.15	7.75	11.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	42	9.15	8.886	10.7	5.2	1.557	1.248	7.	8.2	9.825	10.27

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

EPA Water Quality Criteria Analysis for Station: TIMU0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	58	0	0.00	35	0	0.00	23	0	0.00						
00400	PH	Fresh Chronic	9.	57	0	0.00	34	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	57	12	0.21	34	6	0.18	23	6	0.26						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	57	0	0.00	35	0	0.00	22	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	59	57	0.97	36	35	0.97	23	22	0.96						
		Drinking Water	250.	59	57	0.97	36	35	0.97	23	22	0.96						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	42	0	0.00	24	0	0.00	18	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	1	0.02	25	1	0.04	18	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	57	0	0.00	34	0	0.00	23	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.5	23.2	28.5	16.2	28.8	5.367	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.69	0.548	0.76	0.	0.103	0.32	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	23900.	24983.333	31300.	19800.	16429666.667	4053.353	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	6.25	6.4	7.4	5.4	0.564	0.751	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.5	6.68	7.	6.5	0.062	0.249	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.5	6.629	7.	6.5	0.065	0.255	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.316	0.235	0.316	0.1	0.012	0.112	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	14.5	16.5	22.	12.	19.1	4.37	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	22.	21.833	28.	16.	19.367	4.401	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	0.77	0.737	0.83	0.59	0.009	0.094	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.16	0.178	0.29	0.14	0.003	0.056	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.1	0.107	0.13	0.1	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	9159.5	10305.167	13746.	7373.	6610440.567	2571.078	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	2.5	2.24	4.3	0.	2.458	1.568	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.08	0.077	0.1	0.04	0.	0.02	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	4.7	4.64	8.9	0.	11.213	3.349	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	9.4	9.2	10.1	7.6	0.945	0.972	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	19.3	19.86	28.5	13.	32.754	5.723	13.1	14.375	26.25	28.35
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.8	0.776	0.91	0.46	0.021	0.145	0.475	0.723	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	32850.	31620.	40500.	19700.	40768444.444	6385.017	20010.	28125.	36100.	40120.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.15	6.91	8.1	5.2	1.174	1.084	5.24	5.825	7.925	8.09
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.6	6.52	6.9	5.9	0.108	0.329	5.91	6.375	6.725	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.589	6.388	6.9	5.9	0.128	0.357	5.91	6.375	6.725	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.258	0.409	1.259	0.126	0.152	0.39	0.129	0.189	0.487	1.233
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	25.5	24.5	31.	15.	35.389	5.949	15.1	19.75	30.	30.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	26.	27.4	48.	18.	82.933	9.107	18.1	19.75	31.25	46.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10	## 0.025	0.034	0.07	0.025	0.	0.017	0.025	0.025	0.038	0.069
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.53	0.544	0.78	0.26	0.025	0.16	0.273	0.435	0.693	0.775
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.055	0.096	0.21	0.02	0.006	0.076	0.02	0.035	0.173	0.207
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	## 0.075	0.083	0.13	0.05	0.001	0.036	0.05	0.05	0.12	0.129
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	13745.5	13438.1	18619.	8122.	9895045.656	3145.639	8349.5	11221.25	15557.5	18369.1
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	10	2.275	2.416	4.7	0.1	1.492	1.221	0.26	1.7	3.265	4.576
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.07	0.062	0.1	0.02	0.001	0.027	0.02	0.035	0.08	0.098
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	4.	3.68	11.	0.	14.022	3.745	0.	0.	6.325	10.6
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	9.1	8.467	9.4	6.7	1.248	1.117	6.7	7.3	9.4	9.4

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

Annual Analysis for 1993 - Station TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	18.9	20.882	30.5	10.5	55.602	7.457	11.	13.	28.8	30.3
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.91	0.823	1.45	0.	0.118	0.343	0.122	0.69	0.91	1.342
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	34600.	35090.	48000.	20100.	83539695.	9140.005	20480.	29200.	43645.	47660.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.	6.618	8.5	4.8	2.026	1.423	4.84	5.3	8.1	8.42

** - 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 1993 - Station TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.6	7.23	7.96	6.3	0.447	0.668	6.32	6.4	7.76	7.926
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.6	6.796	7.96	6.3	0.653	0.808	6.32	6.4	7.76	7.926
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.025	0.16	0.501	0.011	0.039	0.198	0.012	0.017	0.398	0.481
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	26.	24.927	31.4	16.	26.016	5.101	16.32	19.6	29.	31.14
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	26.	31.818	58.	16.	205.564	14.337	16.6	19.	44.	56.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.03	0.045	0.1	0.03	0.001	0.024	0.03	0.03	0.06	0.094
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.47	0.466	0.69	0.31	0.017	0.13	0.312	0.33	0.57	0.672
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.08	0.083	0.18	0.015	0.003	0.053	0.018	0.04	0.1	0.178
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11 ##	0.05	0.08	0.18	0.05	0.002	0.042	0.05	0.05	0.1	0.168
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	14495.5	13102.25	19369.	0.	28002375.841	5291.727	2624.1	9778.25	17076.25	18844.3
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	12	4.35	3.798	5.66	0.	3.63	1.905	0.	3.5	5.125	5.552
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.06	0.054	0.08	0.03	0.	0.02	0.03	0.03	0.07	0.08
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	2.	4.645	23.	0.	50.215	7.086	0.	0.	7.4	20.6

** - 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 TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	22.2	22.836	28.8	13.5	25.941	5.093	14.24	17.3	27.2	28.54
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	1.07	1.358	4.52	0.61	1.188	1.09	0.61	0.91	1.37	3.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	34481.	35486.545	48463.	23946.	61716165.073	7855.964	24446.	27410.	42384.	47454.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	6.6	6.564	8.4	5.4	1.207	1.098	5.4	5.4	7.5	8.28
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.97	7.888	8.14	7.62	0.028	0.168	7.632	7.75	8.02	8.118
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.97	7.858	8.14	7.62	0.029	0.171	7.632	7.75	8.02	8.118
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.011	0.014	0.024	0.007	0.	0.005	0.008	0.01	0.018	0.023
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	21.7	22.455	31.7	14.5	30.417	5.515	14.82	16.8	27.3	30.96
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	30.	27.636	48.	0.	163.255	12.777	3.6	20.	36.	46.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.02	0.022	0.04	0.	0.	0.011	0.003	0.015	0.03	0.038
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.385	0.393	0.53	0.25	0.01	0.099	0.254	0.29	0.49	0.529
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.075	0.081	0.18	0.01	0.004	0.061	0.011	0.02	0.125	0.179
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10 ##	0.05	0.061	0.14	0.03	0.001	0.036	0.03	0.03	0.09	0.135
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	12621.	11780.364	17744.	0.	23088916.055	4805.093	1724.4	8872.	14745.	17319.2
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	11	3.	4.309	12.7	0.	13.867	3.724	0.44	2.6	4.7	12.18
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11 ##	0.03	0.027	0.07	0.	0.	0.019	0.003	0.015	0.04	0.064
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	6.	6.227	12.	4.1	5.118	2.262	4.12	4.4	7.	11.2
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	10.	9.622	10.7	6.6	1.507	1.228	6.6	9.35	10.3	10.7

** - 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 1995 - Station TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	24.3	22.927	31.	13.3	43.042	6.561	13.6	16.7	29.2	31.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	67.5	65.	85.	35.	216.667	14.72	36.5	57.5	76.25	84.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.91	0.975	1.74	0.44	0.14	0.374	0.474	0.69	1.3	1.668
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	33717.	32261.364	45115.	9966.	114836488.055	10716.179	11629.8	26554.	40949.	44401.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.1	7.055	9.2	5.3	1.435	1.198	5.38	5.8	7.9	8.98
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.79	7.708	7.93	7.	0.066	0.257	7.124	7.63	7.86	7.918
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.79	7.608	7.93	7.	0.077	0.277	7.124	7.63	7.86	7.918
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.016	0.025	0.1	0.012	0.001	0.025	0.012	0.014	0.023	0.085
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	21.1	20.3	29.3	5.6	52.486	7.245	6.64	16.2	26.2	28.78
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	34.	28.545	38.	9.	97.273	9.863	11.2	22.	37.	37.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.015	0.021	0.06	0.015	0.	0.015	0.015	0.015	0.015	0.056

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.72	0.863	1.69	0.39	0.191	0.436	0.424	0.57	1.18	1.676
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.1	0.121	0.29	0.01	0.008	0.09	0.014	0.05	0.2	0.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11	0.075	0.074	0.11	0.06	0.	0.015	0.06	0.06	0.075	0.106
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	12996.	11666.909	16870.	3124.	18355608.491	4284.345	3698.8	9372.	14870.	16670.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	11	3.4	3.982	12.2	1.4	8.176	2.859	1.52	2.9	4.2	10.62
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11 ##	0.015	0.025	0.05	0.015	0.	0.012	0.015	0.015	0.03	0.048
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	6.3	6.273	12.	2.3	9.824	3.134	2.44	3.2	9.3	11.52
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	8.8	8.78	9.7	7.1	0.606	0.779	7.21	8.425	9.5	9.68

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

Annual Analysis for 1996 - Station TIMU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	9	23.2	21.622	28.7	11.9	47.939	6.924	11.9	14.45	28.15	28.7
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	8	40.	48.125	85.	20.	842.411	29.024	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	1.	1.189	2.5	0.52	0.327	0.572	0.52	0.85	1.44	2.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	9	31239.	33114.778	49467.	14591.	143988075.694	11999.503	14591.	22750.	45174.5	49467.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	9	7.1	7.178	9.1	5.	1.982	1.408	5.	6.15	8.7	9.1
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.72	7.677	8.02	7.12	0.079	0.28	7.12	7.5	7.91	8.02
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.72	7.585	8.02	7.12	0.088	0.297	7.12	7.5	7.91	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	9	0.019	0.026	0.076	0.01	0.	0.021	0.01	0.012	0.032	0.076
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	9	19.4	20.911	32.4	8.5	68.541	8.279	8.5	13.7	29.3	32.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	25.	29.	51.	13.	160.75	12.679	13.	18.	39.5	51.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.03	0.055	0.2	0.005	0.004	0.062	0.005	0.015	0.08	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	1.04	0.931	1.16	0.47	0.05	0.224	0.47	0.795	1.11	1.16
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.1	0.111	0.23	0.02	0.007	0.083	0.02	0.035	0.2	0.23
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.06	0.068	0.11	0.02	0.001	0.029	0.02	0.05	0.095	0.11
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	11371.	11774.111	18619.	4998.	22524269.611	4745.974	4998.	7498.	16370.	18619.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	9	3.1	4.011	12.2	1.6	10.549	3.248	1.6	2.05	4.5	12.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.01	0.023	0.09	0.005	0.001	0.028	0.005	0.008	0.035	0.09
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	7.7	7.778	15.	4.2	11.747	3.427	4.2	5.05	9.6	15.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	8.7	8.511	10.7	5.2	3.031	1.741	5.2	7.25	10.1	10.7

** - 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: TIMU0143

NPS Station ID: TIMU0143 LAT/LON: 30.358337/ -81.461949 Agency: 21FLJXWQ Date Created: 06/12/99
Location: GREENFIELD CREEK AT WONDERWOOD DRIVE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GC3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/30/85-12/15/98	72	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/30/85-12/15/98	52	23.	22.04	31.2	9.9	40.426	6.358	13.1	16.25	27.5	29.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-12/15/98	22	30469.5	28570.636	45444.	7749.	85038507.766	9221.633	12037.8	21101.25	35062.5	37144.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/30/85-12/15/98	53	6.6	6.628	9.4	4.1	1.957	1.399	4.7	5.45	7.65	8.68
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/28/95-12/15/98	22	84.4	83.35	103.9	62.1	128.676	11.344	66.69	74.325	90.15	101.54
00400	PH (STANDARD UNITS)	12/30/85-12/15/98	52	7.3	7.371	8.1	6.4	0.151	0.388	7.	7.1	7.575	8.
00400	CONVERTED PH (STANDARD UNITS)	12/30/85-12/15/98	52	7.3	7.212	8.1	6.4	0.177	0.42	7.	7.1	7.575	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/30/85-12/15/98	52	0.05	0.061	0.398	0.008	0.004	0.061	0.01	0.027	0.079	0.1
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/28/95-09/26/95	3	27406.	24409.	27578.	18243.	28522063.	5340.605	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	43	20.	20.721	35.	4.	46.016	6.783	10.8	18.	26.	29.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/09/96-03/04/97	2	10.	10.	13.	7.	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/96-03/04/97	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/96-03/04/97	2	0.52	0.52	0.65	0.39	0.034	0.184	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/96-03/04/97	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/96-03/04/97	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/96-03/04/97	2	2875.5	2875.5	3317.	2434.	389844.5	624.375	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/96-03/04/97	2	8029.	8029.	9506.	6552.	4363058.	2088.793	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/14/90-05/08/95	18	200.	510.	2400.	20.	420517.647	648.473	20.	102.5	700.	1410.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/14/90-05/08/95	18	2.296	2.357	3.38	1.301	0.378	0.615	1.301	2.007	2.803	3.141
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			227.412								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	22	120.	408.636	3000.	20.	593136.147	770.153	23.	40.	380.	1890.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	22	2.078	2.132	3.477	1.301	0.395	0.628	1.354	1.602	2.573	3.22
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			135.655								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/95-09/26/95	1	17.	17.	17.	17.	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/09/96-03/04/97	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/09/96-03/04/97	2	5.75	5.75	7.5	4.	6.125	2.475	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	53	0	0.00	31	0	0.00	22	0	0.00						
00400	PH	Fresh Chronic	9.	52	0	0.00	30	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	52	1	0.02	30	1	0.03	22	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	2	1.00	1	1	1.00	1	1	1.00						
		Drinking Water	250.	2	2	1.00	1	1	1.00	1	1	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	4	0.22	12	3	0.25	6	1	0.17						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	9	0.41	16	7	0.44	6	2	0.33						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/30/85-12/15/98	44	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/30/85-12/15/98	30	27.25	26.507	31.2	17.5	12.173	3.489	20.82	25.775	28.925	30.12
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/30/85-12/15/98	31	5.6	5.81	9.	4.1	1.238	1.113	4.44	5.	6.6	7.42
00400	PH (STANDARD UNITS)	12/30/85-12/15/98	30	7.35	7.363	8.1	6.4	0.178	0.422	6.82	7.075	7.5	8.
00400	CONVERTED PH (STANDARD UNITS)	12/30/85-12/15/98	30	7.347	7.174	8.1	6.4	0.215	0.464	6.82	7.075	7.5	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/30/85-12/15/98	30	0.045	0.067	0.398	0.008	0.006	0.075	0.01	0.032	0.085	0.153
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	25	21.	21.64	35.	4.	55.74	7.466	11.2	17.5	28.5	30.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	16	125.	513.75	3000.	20.	782838.333	884.782	20.	40.	500.	2580.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	16	2.094	2.205	3.477	1.301	0.47	0.685	1.301	1.602	2.699	3.409
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			160.314								

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/30/85-12/15/98	28	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/30/85-12/15/98	22	15.95	15.95	23.5	9.9	14.011	3.743	10.64	13.55	18.675	22.27
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/30/85-12/15/98	22	7.7	7.782	9.4	6.4	0.693	0.832	6.69	7.175	8.425	9.11
00400	PH (STANDARD UNITS)	12/30/85-12/15/98	22	7.3	7.382	8.	6.9	0.12	0.346	7.	7.075	7.7	7.97
00400	CONVERTED PH (STANDARD UNITS)	12/30/85-12/15/98	22	7.3	7.269	8.	6.9	0.133	0.365	7.	7.075	7.7	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/30/85-12/15/98	22	0.05	0.054	0.126	0.01	0.001	0.035	0.011	0.02	0.085	0.1
00480	SALINITY - PARTS PER THOUSAND	04/25/89-12/15/98	18	19.5	19.444	28.	6.	32.026	5.659	9.6	18.	23.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	6	85.	128.333	300.	30.	13016.667	114.091	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/14/90-11/04/98	6	1.858	1.939	2.477	1.477	0.188	0.433	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			86.897								

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

Station Inventory for Station: TIMU0144

NPS Station ID: TIMU0144
LAT/LON: 30.355281/ -81.462504
Agency: 112WRD
Date Created: 04/14/78
Location: D-1084 J-1149
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302119081274501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 7.60
On/Off RF1:
RF3 Index: 03080103260900.00
RF3 Mile Point: 2.26
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/76-10/29/76	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/29/76-10/29/76	1	284.	284.	284.	284.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/76-10/29/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0144

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0145

NPS Station ID: TIMU0145
LAT/LON: 30.580253/ -81.462753
Agency: 21FLA
Date Created: / /
Location: MARKER #30 S AMELIA CITY
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020022
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 21.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 030702050514l7.71
RF3 Mile Point: 18.35
Distance from RF3: 0.06
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA UNLIGHTED MARKER #30 SOUTH OF AMELIA CITY

Parameter Inventory for Station: TIMU0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/10/79	4	6.	6.	6.	6.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/10/79	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/10/79	2	7.1	7.1	7.7	6.5	0.72	0.849	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/10/79	2	0.76	0.76	0.77	0.75	0.	0.014	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/10/79	2	55.	55.	80.	30.	1250.	35.355	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/10/79	2	33000.	33000.	36000.	30000.	18000000.	4242.641	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/10/79	2	7.65	7.65	7.9	7.4	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/10/79	2	2.3	2.3	2.6	2.	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-05/15/78	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-05/15/78	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-05/15/78	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/10/79	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/10/79	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/10/79	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/10/79	2	86.	86.	110.	62.	1152.	33.941	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/10/79	2	14.	14.	17.	11.	18.	4.243	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/10/79	2	72.	72.	93.	51.	882.	29.698	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-04/10/79	2	0.715	0.715	0.89	0.54	0.061	0.247	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/10/79	2 ##	0.061	0.061	0.12	0.003	0.007	0.083	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-04/10/79	2	0.965	0.965	1.04	0.89	0.011	0.106	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-04/10/79	2	0.1	0.1	0.14	0.06	0.003	0.057	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	1	14710.	14710.	14710.	14710.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-05/15/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-05/15/78	1	1.146	1.146	1.146	1.146	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/10/79	2	12.9	12.9	13.8	12.	1.62	1.273	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	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.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	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: TIMU0146

NPS Station ID: TIMU0146
LAT/LON: 30.386003/ -81.463115
Agency: 21FLA
Date Created: / /
Location: ST JOHNS RIVER NEAR SISTERS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030055 / LSJR38
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 16
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 8.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103009600.65
RF3 Mile Point: 0.65
Distance from RF3: 1.05
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER APPROXIMATELY 300 YARDS EAST OF SISTERS CREEK

Parameter Inventory for Station: TIMU0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/24/86-11/30/87	16	6.5	7.313	15.	1.	27.829	5.275	1.7	2.	13.25	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	5	20.	20.24	28.5	13.	33.763	5.811	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	5	1.	1.1	2.	0.5	0.3	0.548	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	5	9.	10.92	21.	4.	43.932	6.628	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	5	1.4	1.34	1.7	0.7	0.143	0.378	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	5	50.	48.	80.	30.	420.	20.494	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	27200.	30180.	39500.	26100.	30637000.	5535.07	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	36100.	34800.	42600.	28300.	32820000.	5728.874	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	4	7.65	7.525	8.3	6.5	0.576	0.759	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	5	7.	7.22	8.7	6.	1.012	1.006	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	5	0.8	0.88	1.5	0.6	0.127	0.356	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/86-11/30/87	4	7.875	7.937	8.2	7.8	0.032	0.18	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/86-11/30/87	4	7.874	7.913	8.2	7.8	0.033	0.182	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	4	0.013	0.012	0.016	0.006	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	5	8.	8.04	8.2	7.9	0.013	0.114	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/86-11/30/87	5	8.	8.028	8.2	7.9	0.013	0.115	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	5	0.01	0.009	0.013	0.006	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	5	21.	22.2	25.	20.	4.7	2.168	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	17.	17.4	33.	7.	115.3	10.738	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	2.	2.6	4.	1.	1.8	1.342	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	15.	14.8	29.	5.	92.2	9.602	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	5 ##	0.03	0.036	0.062	0.03	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	5	0.47	0.513	0.814	0.338	0.034	0.184	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	5	0.15	0.125	0.22	0.025	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	4	0.151	0.262	0.69	0.055	0.087	0.296	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	5	13828.	13244.	16025.	10581.	4640759.5	2154.242	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	5	0.73	0.722	0.89	0.6	0.012	0.108	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	0.26	0.26	0.42	0.1	0.051	0.226	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	2	101.	101.	133.	69.	2048.	45.255	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	2	24.9	24.9	30.7	19.1	67.28	8.202	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	2	146.	146.	152.	140.	72.	8.485	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/86-10/27/86	2	19.97	19.97	32.4	7.54	309.01	17.579	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	2	21.7	21.7	23.1	20.3	3.92	1.98	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	2 ##	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: TIMU0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/86-10/27/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	5	80.	158.2	500.	1.	40441.2	201.1	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/24/86-11/30/87	5	1.903	1.687	2.699	0.	1.055	1.027	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.631								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5	40.	58.4	170.	1.	4962.3	70.444	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5	1.602	1.147	2.23	0.	1.146	1.07	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.032								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/30/87	6	2.845	3.633	6.74	1.87	3.818	1.954	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	1.78	1.78	1.78	1.78	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	93.7	93.7	93.7	93.7	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	1	1418.	1418.	1418.	1418.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	5	14.	13.6	18.	10.	10.3	3.209	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/20/87	3	3.397	3.448	3.734	3.212	0.07	0.265	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/20/87	3	16.	20.	29.	15.	61.	7.81	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	2	2	1.00	2	2	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0147

NPS Station ID: TIMU0147
Location: D-1144 J-1185
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03070204106700.00
Description:

LAT/LON: 30.341670/ -81.463059
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302030081274701
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 22.50
Distance from RF3: 0.63

Date Created: 04/14/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/76-12/08/76	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/08/76-12/08/76	1	312.	312.	312.	312.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/76-12/08/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0148

NPS Station ID: TIMU0148
LAT/LON: 30.356392/ -81.465005
Agency: 112WRD
Date Created: 04/14/78
Location: D-1120 J-1134
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302123081275401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 11.90
On/Off RF1:
RF3 Index: 03080103305002.23
RF3 Mile Point: 2.51
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/76-10/20/76	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/20/76-10/20/76	1	288.	288.	288.	288.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/76-10/20/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0148

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0149

NPS Station ID: TIMU0149
LAT/LON: 30.499170/ -81.465281
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT CM 51
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020043
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 5
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 4.820
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205012500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT SAWPIT CREEK NORTH END OF ISLAND SW OF MARKER 51

Parameter Inventory for Station: TIMU0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	11	2.	2.673	6.	0.2	3.25	1.803	0.2	2.	4.	5.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	5	21.	20.96	27.	14.	22.608	4.755	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	5	7.5	8.26	17.	2.7	27.853	5.278	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	5	0.8	0.846	1.3	0.6	0.073	0.269	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	5	20.	29.	70.	10.	580.	24.083	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	3	46000.	42766.667	50000.	32300.	86163333.333	9282.421	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	5	44300.	39960.	49500.	26800.	88228000.	9392.976	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	6.15	6.15	6.9	5.4	1.125	1.061	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	5	7.1	6.7	8.	4.8	1.495	1.223	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	5	1.1	1.28	2.2	0.7	0.327	0.572	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.96	7.86	8.02	7.5	0.059	0.244	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.958	7.801	8.02	7.5	0.064	0.253	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	4	0.011	0.016	0.032	0.01	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	5	7.8	7.82	8.1	7.6	0.032	0.179	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/15/91	5	7.8	7.793	8.1	7.6	0.033	0.181	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	5	0.016	0.016	0.025	0.008	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	116.	116.	116.	116.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	33.	34.	36.	33.	3.	1.732	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	36.	53.2	135.	18.	2219.7	47.114	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	7.	8.	19.	2.	43.5	6.595	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	29.	45.2	116.	14.	1658.7	40.727	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	4	0.105	0.379	1.3	0.005	0.379	0.616	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	2 ##	0.051	0.051	0.1	0.003	0.005	0.069	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	3	0.61	0.66	1.32	0.05	0.405	0.636	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.02	0.018	0.025	0.01	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	3	0.12	0.107	0.172	0.03	0.005	0.072	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-04/15/91	1	13490.	13490.	13490.	13490.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2	31.	31.	50.	12.	722.	26.87	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2	1.389	1.389	1.699	1.079	0.192	0.438	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.495								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	3	33.	29.667	49.	7.	449.333	21.197	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-11/26/84	3	1.519	1.351	1.69	0.845	0.2	0.447	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.453								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**

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Parameter Inventory for Station: TIMU0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2 ##	0.239	0.239	0.301	0.176	0.008	0.088	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.732								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	4.	5.333	11.	1.	26.333	5.132	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	0.602	0.548	1.041	0.	0.273	0.523	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.53								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.651	0.651	1.	0.301	0.244	0.494	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			4.472								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/15/90-10/15/90	1	69.	69.	69.	69.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/15/91	5	6.	7.58	13.	4.	14.432	3.799	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	10/15/90-10/15/90	1	3.19	3.19	3.19	3.19	0.	0.	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	10/15/90-10/15/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82257	BIOTIC INDEX (SPECIES) INDEX	10/15/90-10/15/90	1	21.	21.	21.	21.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	4	0	0.00	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	10	2.	2.44	6.	0.2	2.949	1.717	0.2	1.55	3.25	5.8

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Station Inventory for Station: TIMU0150

NPS Station ID: TIMU0150
LAT/LON: 30.600004/ -81.466670
Agency: 1113S050
Date Created: / /
Location: S AMELIA R ABOVE AMELIA CITY
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 649860
RMI-Indexes: 0319050 000060
Within Park Boundary: No
RMI-Miles: 0002.00 0006.20
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU RIVER
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 23.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205067300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	12	14.	13.65	15.5	10.8	2.894	1.701	10.86	11.85	14.95	15.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	10	38250.	36120.	48000.	3800.	153039555.556	12370.916	6670.	33625.	43850.	47840.
00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/05/66	10	4.95	4.43	5.4	2.6	0.907	0.952	2.66	3.725	5.1	5.37
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/05/66	10	47.5	42.8	54.	24.	100.4	10.02	24.6	34.5	50.	53.6
00310	BOD, 5 DAY, 20 DEG C MG/L	12/09/65-01/07/66	9	1.6	1.8	2.9	0.5	0.543	0.737	0.5	1.4	2.4	2.9
00400	PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.1	6.973	7.2	6.5	0.066	0.257	6.52	6.7	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.1	6.895	7.2	6.5	0.073	0.27	6.52	6.7	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/65-01/06/66	11	0.079	0.127	0.316	0.063	0.008	0.088	0.063	0.063	0.2	0.303
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	12	153.	149.667	176.	104.	313.333	17.701	114.8	142.5	161.	172.4
00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	12	17400.	16983.333	19900.	15400.	1854242.424	1361.706	15430.	15650.	17750.	19330.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	12	490.	865.	2300.	230.	560845.455	748.896	230.	330.	1250.	2300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/08/65-01/07/66	12	2.69	2.801	3.362	2.362	0.125	0.354	2.362	2.519	3.096	3.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			631.865								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12	135.	305.	1300.	70.	122736.364	350.337	73.	87.5	450.	1057.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12	2.13	2.294	3.114	1.845	0.161	0.402	1.862	1.938	2.647	2.987
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			196.694								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0150

Parameter				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	4	0.40				10	4	0.40						
00400	PH	Fresh Chronic	9.	11	0	0.00				11	0	0.00						
		Other-Lo Lim.	6.5	11	1	0.09				11	1	0.09						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	12	1.00				12	12	1.00						
		Drinking Water	250.	12	12	1.00				12	12	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	4	0.33				12	4	0.33						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	5	0.42				12	5	0.42						

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

Station Inventory for Station: TIMU0151

NPS Station ID: TIMU0151 LAT/LON: 30.527781/ -81.466753 Agency: 11NPSWRD Date Created: 04/03/99
Location: NASSAU RIVER AT INTRACOASTAL WATERWAY FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_NR02
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR02 WAS AT THE NASSAU RIVER AT THE INTRACOASTAL WATERWAY AT CHANNEL MARKER 46 INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	31	3.	4.665	19.	0.3	24.386	4.938	0.3	0.3	8.	11.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	1	49932.	49932.	49932.	49932.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	3	76.6	76.3	76.7	75.6	0.37	0.608	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	1	32.8	32.8	32.8	32.8	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	2	0.74	0.74	0.95	0.53	0.088	0.297	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	24	1.	3.971	19.	0.3	25.242	5.024	0.3	0.3	7.5	11.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	7.	7.043	14.	0.3	16.646	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 box-and-whisker plot

Station Inventory for Station: TIMU0152

NPS Station ID: TIMU0152
LAT/LON: 30.583338/ -81.466670
Agency: 1113S050
Date Created: / /
Location: S AMELIA R AT AMELIA CITY
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 649850
RMI-Indexes: 0319050 000060
Within Park Boundary: No
RMI-Miles: 0002.00 0004.00
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU RIVER
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 21.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205038100.00
RF3 Mile Point: 0.45
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	12	14.35	13.775	15.	11.	2.009	1.418	11.24	12.3	14.875	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	11	39000.	36290.909	46400.	3800.	128906909.091	11353.718	9840.	35000.	42000.	45720.
00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/06/66	11	5.	4.473	5.9	2.8	1.252	1.119	2.84	3.3	5.4	5.84
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/06/66	11	48.	42.818	54.	28.	103.964	10.196	28.2	31.	52.	53.6
00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/07/66	10	2.05	2.14	3.6	0.9	0.629	0.793	0.97	1.6	2.65	3.52
00400	PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.	7.064	7.4	6.7	0.059	0.242	6.72	6.9	7.3	7.38
00400	CONVERTED PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.	7.004	7.4	6.7	0.062	0.25	6.72	6.9	7.3	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/65-01/06/66	11	0.1	0.099	0.2	0.04	0.003	0.053	0.042	0.05	0.126	0.191
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	12	158.	154.	168.	134.	99.636	9.982	135.8	146.	159.5	166.8
00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	12	17600.	17158.333	18400.	15700.	1235378.788	1111.476	15730.	16000.	18175.	18400.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	12	410.	630.833	2300.	50.	384899.242	620.402	104.	255.	767.5	2000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/08/65-01/07/66	12	2.604	2.631	3.362	1.699	0.177	0.42	1.898	2.401	2.884	3.287
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			427.953								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12	180.	263.333	790.	20.	78115.152	279.491	29.	50.	432.5	790.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12	2.238	2.165	2.898	1.301	0.272	0.522	1.42	1.699	2.621	2.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			146.242								

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

EPA Water Quality Criteria Analysis for Station: TIMU0152

Parameter				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	4	0.36				11	4	0.36						
00400	PH	Fresh Chronic	9.	11	0	0.00				11	0	0.00						
		Other-Lo Lim.	6.5	11	0	0.00				11	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	12	1.00				12	12	1.00						
		Drinking Water	250.	12	12	1.00				12	12	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	2	0.17				12	2	0.17						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	6	0.50				12	6	0.50						

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

Station Inventory for Station: TIMU0153

NPS Station ID: TIMU0153
Location: NASSAU R AT S AMELIA R
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 0319050
RMI-Miles: 0002.10
HUC: 03070205
Major Basin: SOUTHEAST
Minor Basin: NASSAU RIVER
RF1 Index: 03070205009
RF3 Index: 03070204104700.00
Description:

LAT/LON: 30.533337/ -81.466670
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 17.800
RF3 Mile Point: 0.00

Agency: 1113S050
FIPS State/County: 12089 FLORIDA/NASSAU
STORET Station ID(s): 649870
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.06

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: TIMU0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/07/66	12	14.	13.825	15.	12.5	0.755	0.869	12.59	12.85	14.5	15.
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	12/08/65-12/08/65	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/07/66	11	40000.	40954.545	49500.	36000.	18372727.273	4286.342	36100.	37000.	44000.	48600.
00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/05/66	10	6.15	5.8	7.7	3.2	2.418	1.555	3.28	4.225	7.175	7.67
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/05/66	10	59.	55.5	74.	32.	219.167	14.804	32.5	40.75	69.	73.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/07/66	10	1.45	1.76	5.5	0.7	1.838	1.356	0.72	1.2	1.6	5.14
00400	PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.1	7.127	7.6	6.7	0.092	0.304	6.7	6.9	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	12/08/65-01/06/66	11	7.1	7.037	7.6	6.7	0.101	0.318	6.7	6.9	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/65-01/06/66	11	0.079	0.092	0.2	0.025	0.004	0.061	0.025	0.05	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/07/66	12	158.	157.667	180.	142.	111.152	10.543	143.8	148.5	164.	175.8
00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/07/66	12	18400.	18275.	19600.	16000.	1116590.909	1056.689	16360.	17525.	19175.	19570.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/07/66	12	155.	157.5	330.	20.	13638.636	116.785	26.	50.	230.	330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/08/65-01/07/66	12	2.132	2.044	2.519	1.301	0.173	0.415	1.391	1.699	2.362	2.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.772								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12 ##	10.	39.	330.	8.	8419.273	91.757	8.6	10.	20.	237.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/07/66	12 ##	1.	1.194	2.519	0.903	0.194	0.441	0.932	1.	1.301	2.153
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.622								

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

EPA Water Quality Criteria Analysis for Station: TIMU0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	2	0.20				10	2	0.20						
00400	PH	Fresh Chronic	9.	11	0	0.00				11	0	0.00						
		Other-Lo Lim.	6.5	11	0	0.00				11	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	12	1.00				12	12	1.00						
		Drinking Water	250.	12	12	1.00				12	12	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	0	0.00				12	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	1	0.08				12	1	0.08						

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

Station Inventory for Station: TIMU0154

NPS Station ID: TIMU0154
LAT/LON: 30.588170/ -81.467171
Agency: 21FLA
Date Created: / /
Location: MARKER #28 N AMELIA CITY
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020021
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 22.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205004000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA LIGHTED MARKER #28 NORTH OF AMELIA CITY

Parameter Inventory for Station: TIMU0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	51	8.	6.365	15.	0.	26.971	5.193	0.2	0.2	10.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	19	24.	22.879	30.5	9.3	33.463	5.785	14.1	18.2	28.	29.
00055	VELOCITY, STREAM FT/SEC	05/02/83-10/05/94	14	0.5	0.568	1.5	0.1	0.134	0.366	0.175	0.3	0.625	1.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	22	8.35	11.45	34.7	1.8	83.712	9.149	3.29	4.15	15.5	29.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	19	0.75	0.799	1.4	0.5	0.064	0.252	0.5	0.6	1.	1.2
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	20	50.	56.	120.	30.	435.789	20.876	31.	42.5	60.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-10/05/94	17	38500.	40541.176	50000.	27500.	51286323.529	7161.447	31820.	35100.	49000.	50000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	20	41150.	40480.	51600.	23900.	45562736.842	6750.018	31010.	37075.	44550.	50070.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/04/94	8	6.15	6.763	9.5	5.	2.354	1.534	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	22	6.3	6.273	8.9	3.9	1.345	1.16	4.89	5.4	7.125	7.91
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	21	1.4	1.49	2.4	0.6	0.266	0.516	0.84	1.2	1.85	2.38
00400	PH (STANDARD UNITS)	05/15/78-10/05/94	16	7.55	7.519	7.9	6.8	0.075	0.275	7.08	7.4	7.76	7.83
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-10/05/94	16	7.547	7.42	7.9	6.8	0.086	0.293	7.08	7.4	7.76	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	16	0.028	0.038	0.158	0.013	0.001	0.035	0.015	0.017	0.04	0.092
00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	22	7.7	7.677	7.8	7.5	0.009	0.097	7.5	7.6	7.725	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-10/05/94	22	7.7	7.667	7.8	7.5	0.01	0.098	7.5	7.6	7.725	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	22	0.02	0.022	0.032	0.016	0.	0.005	0.016	0.019	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-10/05/94	11	106.	103.909	121.	69.	187.291	13.685	74.2	100.	113.	119.6
00480	SALINITY - PARTS PER THOUSAND	09/14/81-07/05/94	17	30.	28.924	36.	15.	24.499	4.95	21.4	26.25	32.	35.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	22	43.5	54.5	122.	9.	1329.024	36.456	14.3	21.75	89.75	109.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	22	8.	9.5	21.	2.	33.31	5.771	3.3	4.75	13.5	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	22	36.	45.	103.	5.	979.905	31.303	11.6	17.	71.25	95.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/05/94	20	0.1	0.211	1.	0.006	0.068	0.261	0.019	0.034	0.29	0.585
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	4	0.07	0.056	0.08	0.003	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/05/94	20	0.625	0.636	1.3	0.24	0.082	0.287	0.264	0.378	0.785	1.094
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-10/05/94	17 ##	0.025	0.029	0.07	0.01	0.	0.018	0.01	0.018	0.04	0.062
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/05/94	20	0.112	0.153	0.45	0.061	0.013	0.113	0.064	0.071	0.199	0.347
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	2	14741.5	14741.5	14953.	14530.	89464.5	299.106	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	2	1450.	1450.	2000.	900.	605000.	777.817	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/06/92-07/06/92	3	0.78	0.79	0.86	0.73	0.004	0.066	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-10/05/94	13	140.	10257.769	130000.	2.	1294572614.359	35980.17	8.	41.	625.	78500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/08/90-10/05/94	13	2.146	2.238	5.114	0.301	1.278	1.131	0.673	1.613	2.699	4.307
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			173.155								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-01/06/92	7	79.	159.857	490.	1.	43236.81	207.935	**	**	**	**

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

Parameter Inventory for Station: TIMU0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-01/06/92	7	1.898	1.673	2.69	0.	0.858	0.926	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.099								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-01/06/92	3 ##	1.5	2.667	5.	1.5	4.083	2.021	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-01/06/92	3 ##	0.176	0.35	0.699	0.176	0.091	0.302	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.241								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-01/06/92	7	2.	21.071	70.	1.	788.369	28.078	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-01/06/92	7	0.301	0.768	1.845	0.	0.685	0.828	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.858								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-10/05/94	10	26.	8699.4	86000.	2.	737730936.933	27161.203	2.6	9.5	430.	77443.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-10/05/94	10	1.403	1.799	4.934	0.301	1.752	1.324	0.361	0.976	2.633	4.704
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			62.949								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2	0.739	0.739	1.	0.477	0.137	0.37	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			5.477								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-07/06/92	5	0.06	0.06	0.14	0.019	0.002	0.049	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	19	19.	20.553	60.	3.	172.917	13.15	4.	13.1	28.	35.

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

EPA Water Quality Criteria Analysis for Station: TIMU0154

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	22	0	0.00	12	0	0.00	10	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00	5	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	1	0.05	13	1	0.08	9	0	0.00						
00400	PH	Marine Chronic	8.5	16	0	0.00	10	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00	6	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	22	0	0.00	12	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	22	0	0.00	12	0	0.00	10	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	3	0.23	7	1	0.14	6	2	0.33						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	0	0.00	5	0	0.00	2	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	0	0.00	5	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	3	0.30	6	1	0.17	4	2	0.50						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	27	4.	5.867	15.	0.	30.	5.477	0.16	0.2	10.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	11	28.	26.7	30.5	22.5	7.522	2.743	22.62	24.	28.5	30.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	12	9.95	13.283	34.7	4.	84.88	9.213	4.33	6.25	18.75	31.79
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	12	0.665	0.694	1.	0.5	0.029	0.17	0.5	0.55	0.875	0.97
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	12	50.	60.	120.	40.	527.273	22.962	40.	50.	75.	108.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-10/05/94	9	49000.	44444.444	50000.	27500.	59152777.778	7691.084	27500.	40000.	50000.	50000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	11	43200.	41663.636	51600.	23900.	71144545.455	8434.723	25300.	37000.	48000.	51340.
00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	13	5.6	5.769	7.2	3.9	0.814	0.902	4.26	5.35	6.35	7.16
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	12	1.4	1.517	2.4	0.6	0.347	0.589	0.72	1.05	2.15	2.4
00400	PH (STANDARD UNITS)	05/15/78-10/05/94	10	7.45	7.523	7.8	7.2	0.04	0.199	7.22	7.4	7.72	7.798
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-10/05/94	10	7.447	7.483	7.8	7.2	0.041	0.203	7.22	7.4	7.72	7.798
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	10	0.036	0.033	0.063	0.016	0.	0.015	0.016	0.019	0.04	0.061
00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	12	7.7	7.658	7.8	7.5	0.014	0.116	7.5	7.525	7.775	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-10/05/94	12	7.7	7.644	7.8	7.5	0.014	0.117	7.5	7.525	7.775	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	12	0.02	0.023	0.032	0.016	0.	0.006	0.016	0.017	0.03	0.032
00480	SALINITY - PARTS PER THOUSAND	09/14/81-07/05/94	10	31.5	29.65	36.	15.	36.781	6.065	16.1	26.375	33.5	35.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	12	61.5	62.333	122.	14.	1280.788	35.788	17.9	29.25	91.25	116.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	12	9.5	10.25	19.	3.	29.477	5.429	3.6	5.25	14.5	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	12	50.5	52.083	103.	11.	970.811	31.158	14.3	23.5	77.5	100.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/05/94	11	0.073	0.186	1.	0.006	0.095	0.308	0.01	0.03	0.11	0.908
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/05/94	11	0.58	0.603	1.1	0.24	0.081	0.285	0.244	0.3	0.7	1.088
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-10/05/94	10 ##	0.023	0.029	0.06	0.01	0.	0.019	0.01	0.01	0.05	0.059
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/05/94	11	0.14	0.184	0.45	0.061	0.016	0.128	0.064	0.089	0.316	0.43
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	12	20.	21.958	60.	3.	243.39	15.601	3.9	8.525	29.75	52.5

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-10/05/94	24	8.	6.925	14.	0.2	24.1	4.909	0.2	0.65	10.	13.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-10/05/94	8	18.1	17.625	25.	9.3	20.811	4.562	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-10/05/94	10	5.7	9.25	31.	1.8	81.727	9.04	1.94	3.425	14.	29.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-10/05/94	7	1.	0.979	1.4	0.6	0.078	0.28	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-10/05/94	8	50.	50.	80.	30.	285.714	16.903	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-10/05/94	8	35350.	36150.	41000.	32900.	7997142.857	2827.922	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-10/05/94	9	38100.	39033.333	44400.	32000.	15000000.	3872.983	32000.	36600.	42350.	44400.
00300	OXYGEN, DISSOLVED MG/L	05/15/78-10/05/94	9	7.1	7.	8.9	5.1	1.303	1.141	5.1	6.15	7.85	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-10/05/94	9	1.3	1.456	2.2	0.8	0.185	0.43	0.8	1.2	1.85	2.2
00400	PH (STANDARD UNITS)	05/15/78-10/05/94	6	7.6	7.512	7.9	6.8	0.155	0.394	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-10/05/94	6	7.6	7.331	7.9	6.8	0.194	0.441	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	6	0.025	0.047	0.158	0.013	0.003	0.056	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-10/05/94	10	7.7	7.7	7.8	7.6	0.004	0.067	7.6	7.675	7.725	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-10/05/94	10	7.7	7.695	7.8	7.6	0.004	0.067	7.6	7.675	7.725	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-10/05/94	10	0.02	0.02	0.025	0.016	0.	0.003	0.016	0.019	0.021	0.025
00480	SALINITY - PARTS PER THOUSAND	09/14/81-07/05/94	7	28.	27.886	31.2	23.	8.025	2.833	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-10/05/94	10	28.5	45.1	112.	9.	1355.656	36.819	9.6	16.5	77.25	110.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-10/05/94	10	5.5	8.6	21.	2.	40.044	6.328	2.2	4.	13.75	20.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-10/05/94	10	23.	36.5	96.	5.	952.722	30.866	5.8	13.	62.25	93.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/05/94	9	0.19	0.24	0.59	0.018	0.042	0.205	0.018	0.066	0.415	0.59
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/05/94	9	0.69	0.676	1.3	0.32	0.09	0.3	0.32	0.425	0.805	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-10/05/94	7 ##	0.025	0.03	0.07	0.015	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/05/94	9	0.072	0.114	0.29	0.064	0.007	0.081	0.064	0.067	0.16	0.29
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-10/05/94	7	18.	18.143	28.	4.	61.81	7.862	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0155

NPS Station ID: TIMU0155
LAT/LON: 30.558226/ -81.467559
Agency: 21FLA
Date Created: / /
Location: MARKER #41 S HARRISON CR
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 19.410
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205051419.26
RF3 Mile Point: 19.25
Distance from RF3: 0.03
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA LIGHTED MARKER #41 SOUTH OF HARRISON CREEK

Parameter Inventory for Station: TIMU0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	13	5.	5.492	10.	0.2	12.911	3.593	0.2	2.5	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	8	26.	24.95	30.	18.5	19.906	4.462	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	5	1.	0.92	1.1	0.5	0.057	0.239	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	8	8.15	10.6	27.	4.	55.14	7.426	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	8	0.75	0.794	1.1	0.6	0.035	0.188	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	8	55.	55.	80.	20.	485.714	22.039	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	6	42300.	42733.333	52000.	33800.	60938666.667	7806.322	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	7	39100.	41014.286	50400.	30500.	74778095.238	8647.433	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	2	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	8	6.25	6.063	8.2	4.1	1.757	1.326	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	8	1.4	1.413	2.4	0.1	0.498	0.706	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.775	7.738	7.91	7.51	0.025	0.158	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.769	7.714	7.91	7.51	0.026	0.16	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	6	0.017	0.019	0.031	0.012	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	8	7.75	7.762	7.9	7.6	0.011	0.106	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/08/91	8	7.747	7.751	7.9	7.6	0.011	0.107	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	8	0.018	0.018	0.025	0.013	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	2	115.5	115.5	122.	109.	84.5	9.192	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	6	31.	30.917	34.5	27.	9.642	3.105	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	8	68.	69.625	118.	20.	1338.839	36.59	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	8	12.	11.625	19.	3.	29.411	5.423	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	8	53.5	58.	105.	17.	1058.571	32.536	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	7 ##	0.03	0.264	1.08	0.005	0.158	0.397	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	2	0.115	0.115	0.12	0.11	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	7	0.49	0.523	1.32	0.01	0.207	0.455	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	5 ##	0.025	0.035	0.07	0.01	0.001	0.024	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	6	0.123	0.202	0.4	0.11	0.017	0.131	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	2	14673.	14673.	15046.	14300.	278258.	527.502	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	2	1350.	1350.	2000.	700.	845000.	919.239	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	2	35.	35.	60.	10.	1250.	35.355	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/08/90-04/08/91	2	1.389	1.389	1.778	1.	0.303	0.55	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.495								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	6	81.5	201.833	790.	5.	90224.567	300.374	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-06/12/85	6	1.816	1.825	2.898	0.699	0.62	0.787	**	**	**	**

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

Parameter Inventory for Station: TIMU0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.899								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-04/08/91	2	0.923	0.923	1.	0.845	0.012	0.11	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			8.367								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	23.	178.667	790.	1.	97310.667	311.947	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	1.362	1.447	2.898	0.	1.122	1.059	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.987								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	0.327	0.327	0.477	0.176	0.045	0.213	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			2.121								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	2 ##	0.047	0.047	0.08	0.013	0.002	0.047	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	6	14.	19.533	39.	10.	147.147	12.13	**	**	**	**

** - 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: TIMU0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	6	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	6	0	0.00	2	0	0.00						
00400	PH	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	8	0	0.00	6	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	6	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	5	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	2	0.33	5	1	0.20	1	1	1.00						

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

Station Inventory for Station: TIMU0156

NPS Station ID: TIMU0156
LAT/LON: 30.539587/ -81.467949
Agency: 21FLA
Date Created: / /
Location: MARKER #44 N WALKER CR
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020025
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 17.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205051419.66
RF3 Mile Point: 21.34
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA LIGHTED MARKER #44 NORTH OF WALKER CREEK CENTER CHANNEL

Parameter Inventory for Station: TIMU0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	13	8.	6.492	14.	0.	20.177	4.492	0.08	1.1	10.	12.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	8	26.	25.038	30.	19.1	18.448	4.295	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	5	1.	1.34	2.5	1.	0.428	0.654	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	8	5.35	9.363	24.	1.9	71.934	8.481	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	8	0.85	0.894	1.3	0.6	0.077	0.278	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	8	50.	48.75	80.	10.	612.5	24.749	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	6	41600.	42283.333	51000.	34100.	58625666.667	7656.74	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	7	38700.	41814.286	50700.	32500.	62514761.905	7906.628	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	2	6.45	6.45	6.7	6.2	0.125	0.354	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	8	6.5	6.388	8.5	4.5	1.79	1.338	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	8	1.5	1.513	2.7	0.4	0.667	0.817	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.8	7.832	8.02	7.67	0.017	0.13	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.8	7.816	8.02	7.67	0.017	0.131	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	6	0.016	0.015	0.021	0.01	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	8	7.8	7.863	8.1	7.7	0.023	0.151	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/08/91	8	7.8	7.841	8.1	7.7	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	8	0.016	0.014	0.02	0.008	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	2	110.5	110.5	116.	105.	60.5	7.778	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	6	30.5	30.25	34.	27.	7.975	2.824	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	8	64.	64.75	128.	17.	1795.071	42.368	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	8	8.	8.625	15.	2.	19.411	4.406	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	8	53.5	56.375	115.	15.	1561.982	39.522	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-06/12/85	6 ##	0.145	0.267	0.89	0.01	0.116	0.34	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	2	0.09	0.09	0.11	0.07	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-06/12/85	6	0.325	0.378	0.96	0.05	0.109	0.331	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	5 ##	0.025	0.031	0.07	0.01	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-06/12/85	6	0.151	0.176	0.36	0.103	0.01	0.098	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	2	16966.5	16966.5	18980.	14953.	8108364.5	2847.519	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-05/02/83	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	2 ##	5.75	5.75	10.	1.5	36.125	6.01	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/08/90-04/08/91	2 ##	0.588	0.588	1.	0.176	0.339	0.583	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.873								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	6	31.5	116.	490.	1.	36313.2	190.56	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-06/12/85	6	1.418	1.329	2.69	0.	1.101	1.05	**	**	**	**

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

Parameter Inventory for Station: TIMU0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.328								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	2 ##	5.75	5.75	10.	1.5	36.125	6.01	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-04/08/91	2 ##	0.588	0.588	1.	0.176	0.339	0.583	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.873								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	2.	45.5	220.	1.	7621.5	87.301	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	0.301	0.818	2.342	0.	0.902	0.95	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.577								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	0.327	0.327	0.477	0.176	0.045	0.213	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			2.121								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/88-01/11/88	1	3.74	3.74	3.74	3.74	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	6	19.25	20.483	30.	14.	33.562	5.793	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	6	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	6	0	0.00	2	0	0.00						
00400	PH	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	8	0	0.00	6	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	6	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	5	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	1	0.17	5	1	0.20	1	0	0.00						

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

Station Inventory for Station: TIMU0157

NPS Station ID: TIMU0157 LAT/LON: 30.589170/ -81.469170 Agency: 21FLSJWM Date Created: 08/01/92
Location: AMELIA RIVER AT RED CM 28--AMELIA CITY FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NR009
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 3.50 On/Off RF1:
RF3 Index: 03070205000502.29 RF3 Mile Point: 2.31 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	4	25.15	23.575	29.2	14.8	42.202	6.496	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	4	0.65	0.775	1.2	0.6	0.083	0.287	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	4	40.	43.75	75.	20.	589.583	24.281	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	3	39400.	41466.667	46000.	39000.	15453333.333	3931.073	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	4	5.65	5.825	7.6	4.4	1.762	1.328	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-01/18/93	4	6.95	7.025	7.4	6.8	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-01/18/93	4	6.947	6.974	7.4	6.8	0.073	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-01/18/93	4	0.113	0.106	0.158	0.04	0.003	0.05	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	17.5	18.25	30.	8.	118.917	10.905	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	1.199	1.195	1.477	0.903	0.081	0.285	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.651								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	7.445	6.967	9.45	3.53	6.165	2.483	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	5.215	4.68	5.35	2.94	1.362	1.167	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	0.25	0.873	2.97	0.02	1.975	1.405	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	1.05	0.975	1.28	0.52	0.133	0.365	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	3.17	3.603	7.27	0.8	7.278	2.698	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	4	1.445	1.433	1.55	1.29	0.012	0.108	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	4	9.8	9.625	13.3	5.6	13.149	3.626	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-01/18/93	3	7.5	6.167	7.5	3.5	5.333	2.309	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	3	0	0.00	1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0158

NPS Station ID: TIMU0158
LAT/LON: 30.363059/ -81.470003
Agency: 112WRD
Date Created: 04/14/78
Location: D-0708 J-0014
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302147081281201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 9.20
On/Off RF1:
RF3 Index: 03080103343900.76
RF3 Mile Point: 2.75
Distance from RF3: 0.71
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/76-12/16/76	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/16/76-12/16/76	1	272.	272.	272.	272.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/16/76-12/16/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0159

NPS Station ID: TIMU0159
LAT/LON: 30.508199/ -81.470698
Agency: 21FLA
Date Created: 04/05/80
Location: SISTERS CREEK AT CM 48
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020044
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 6
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205007
RF1 Mile Point: 3.990
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205000807.78
RF3 Mile Point: 9.94
Distance from RF3: 0.00
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, SISTERS SISTERS CREEK AT CONFLUENCE WITH SAWPIT CREEK ICWW MARKER 48

Parameter Inventory for Station: TIMU0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	10	5.5	4.54	10.	0.2	8.996	2.999	0.2	2.3	6.	9.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/15/91	5	21.	20.88	26.5	14.2	20.877	4.569	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	11/26/84-04/15/91	3	0.5	0.583	1.	0.25	0.146	0.382	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/15/91	5	5.8	6.68	14.	2.6	18.767	4.332	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/15/91	5	1.	0.99	1.3	0.65	0.073	0.27	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/15/91	5	20.	23.	50.	10.	245.	15.652	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/26/84-04/15/91	3	46100.	42966.667	50000.	32800.	81323333.333	9017.945	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/15/91	5	44000.	39720.	50000.	29000.	91992000.	9591.246	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/90-04/15/91	2	5.85	5.85	6.5	5.2	0.845	0.919	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/15/91	5	7.3	6.98	8.	5.1	1.207	1.099	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/15/91	5	0.9	1.1	2.2	0.6	0.395	0.628	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.86	7.885	8.02	7.8	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/15/91	4	7.858	7.877	8.02	7.8	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	4	0.014	0.013	0.016	0.01	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/15/91	5	7.9	7.9	8.1	7.7	0.025	0.158	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/15/91	5	7.9	7.877	8.1	7.7	0.026	0.16	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/15/91	5	0.013	0.013	0.02	0.008	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-04/15/91	2	117.	117.	118.	116.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/26/84-04/15/91	3	32.	33.	36.	31.	7.	2.646	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	32.	46.	110.	14.	1454.	38.131	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	6.	7.2	16.	2.	29.2	5.404	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/15/91	5	26.	38.8	94.	10.	1083.2	32.912	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/15/90	4	0.155	0.394	1.26	0.005	0.34	0.583	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/24/79	2 ##	0.031	0.031	0.06	0.003	0.002	0.041	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-11/26/84	3	0.45	0.683	1.21	0.39	0.209	0.457	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/26/84-04/15/91	3 ##	0.02	0.018	0.025	0.01	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-11/26/84	3	0.086	0.084	0.16	0.005	0.006	0.078	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-05/15/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-04/15/91	1	12110.	12110.	12110.	12110.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/15/90-04/15/91	2	24.	24.	30.	18.	72.	8.485	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/15/90-04/15/91	2	1.366	1.366	1.477	1.255	0.025	0.157	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.238								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-11/26/84	3	13.	48.	130.	1.	5079.	71.267	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-11/26/84	3	1.114	1.076	2.114	0.	1.118	1.057	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.911								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/15/90-04/15/91	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/15/90-04/15/91	2	0.69	0.69	0.903	0.477	0.091	0.301	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.899								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	2.	3.667	8.	1.	14.333	3.786	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-11/26/84	3	0.301	0.401	0.903	0.	0.211	0.46	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.52								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	8.	8.	10.	6.	8.	2.828	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/15/90-04/15/91	2	0.889	0.889	1.	0.778	0.025	0.157	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			7.746								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	04/24/79-04/15/91	4	12.	13.5	20.	10.	19.667	4.435	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	4	0	0.00	1	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	9	5.	3.933	6.	0.2	5.98	2.445	0.2	1.6	6.	6.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/15/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Station Inventory for Station: TIMU0160

NPS Station ID: TIMU0160 LAT/LON: 30.506642/ -81.471253 Agency: 11NPSWRD Date Created: 04/03/99
Location: INTRACOASTAL WATERWAY AT SAWPIT CREEK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_NR01
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR01 WAS AT THE INTRACOASTAL WATERWAY JUST SOUTH OF SAWPIT CREEK AT CHANNEL MARKER 49 INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	29	2.	3.652	13.	0.3	14.945	3.866	0.3	0.3	7.5	10.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	3	71.6	71.933	72.8	71.4	0.573	0.757	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	3	0.28	0.253	0.31	0.17	0.005	0.074	**	**	**	**

** - Less than 9 observations ## - 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. **********

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	22	1.15	3.377	13.	0.3	16.05	4.006	0.3	0.3	6.25	10.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	7	4.	4.514	8.	0.3	12.421	3.524	**	**	**	**

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

Station Inventory for Station: TIMU0161

NPS Station ID: TIMU0161 LAT/LON: 30.504726/ -81.471392 Agency: 21FLJXWQ Date Created: 01/23/93
Location: INTRACOASTAL WATERWAY AT SAWPIT CREEK--MARKER 49 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NR0001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 03070205000800.46 RF3 Mile Point: 6.29 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	28	25.35	22.954	29.	12.2	27.889	5.281	15.09	16.825	27.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/05/91	5	26.	24.14	30.	13.	48.598	6.971	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/14/89-10/23/90	4	10.5	18.	50.	1.	535.333	23.137	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/14/89-03/05/91	5	7.	8.	12.	5.	8.5	2.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	25	44700.	41111.24	51500.	11000.	159006045.273	12609.76	14900.	36000.	50000.	50860.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	24500.	24500.	24500.	24500.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	28	6.95	6.707	10.2	4.5	1.979	1.407	4.6	5.625	7.575	8.3
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	25	7.87	7.608	8.2	6.	0.296	0.544	6.8	7.25	7.91	8.058
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	25	7.87	7.103	8.2	6.	0.561	0.749	6.8	7.25	7.91	8.058
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	25	0.013	0.079	1.	0.006	0.041	0.203	0.009	0.012	0.057	0.186
00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	17	32.8	31.588	35.	23.	9.221	3.037	27.56	28.8	33.45	34.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	9	70.	76.556	137.	44.	854.278	29.228	44.	54.	95.5	137.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	17 ##	0.007	0.017	0.08	0.004	0.	0.022	0.005	0.006	0.018	0.064
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	8	0.21	0.369	1.	0.015	0.144	0.38	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	17	0.02	0.028	0.1	0.005	0.001	0.029	0.005	0.01	0.045	0.084
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	13	0.08	0.105	0.2	0.056	0.002	0.05	0.059	0.066	0.153	0.192
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	13	6600.	6267.692	9600.	2300.	3724569.231	1929.914	2780.	5450.	7100.	9280.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	13	18400.	17283.692	26000.	2000.	38644851.231	6216.498	4120.	16500.	20500.	24200.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	6 ##	0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	14	292.5	309.214	502.	120.	10704.027	103.46	164.5	245.	395.75	486.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	7 ##	0.5	41.857	290.	0.5	11972.893	109.421	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	5	3.	2.6	4.	1.	1.3	1.14	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	2 ##	265.25	265.25	530.	0.5	140185.125	374.413	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	11	17.5	68.182	212.	3.	6581.214	81.125	3.2	8.5	122.	211.6
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	7	340.	482.857	1100.	190.	97357.143	312.021	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	8 ##	2.25	12.	65.	0.5	511.	22.605	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	12 ##	5.	74.792	330.	0.5	15699.203	125.296	0.95	2.5	193.75	309.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	11	10.	50.864	220.	0.5	5863.855	76.576	0.5	0.5	74.	210.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	13	70.	93.269	270.	3.	7444.526	86.282	3.4	19.75	150.	243.2
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	10/23/90-03/05/91	2	16.5	16.5	17.	16.	0.5	0.707	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	16	23.	44.375	170.	1.	3403.983	58.344	1.	8.	49.75	170.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	16	1.362	1.212	2.23	0.	0.547	0.739	0.	0.903	1.697	2.23
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.278								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	17	8.	12.176	40.	1.	149.654	12.233	1.	1.5	23.	34.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	17	0.903	0.793	1.602	0.	0.341	0.584	0.	0.151	1.362	1.535

** - 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 time series plot

Parameter Inventory for Station: TIMU0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.212								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5 ##	0.2	0.23	0.5	0.1	0.027	0.164	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/14/89-07/27/92	5	1.8	2.2	4.	1.3	1.185	1.089	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	17	6.	6.453	14.	1.8	8.725	2.954	3.08	4.	8.5	10.4

** - 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: TIMU0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	28	0	0.00	21	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	25	0	0.00	18	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	25	2	0.08	18	1	0.06	7	1	0.14						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	3	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	4	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	5	0	0.00	4	0	0.00	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1 &	1	1.00	1	1	1.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	11	3	0.27	10	3	0.30	1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	1	0.13	6	1	0.17	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	3	0.25	10	3	0.30	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	12 &	12	1.00	9	9	1.00	3	3	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	0	0.00	11	0	0.00	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	0	0.00	12	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	3	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	21	25.5	25.629	29.	19.3	7.118	2.668	21.6	24.15	28.	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	19	49910.	41156.895	51500.	11000.	173850374.544	13185.233	11000.	35000.	50000.	51400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	21	5.7	6.219	8.	4.5	1.293	1.137	4.6	5.6	7.4	7.96
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	18	7.86	7.641	8.2	6.5	0.207	0.455	6.95	7.275	7.89	8.11
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	18	7.86	7.347	8.2	6.5	0.298	0.546	6.95	7.275	7.89	8.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	18	0.014	0.045	0.316	0.006	0.005	0.074	0.008	0.013	0.053	0.122
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	12 ##	0.007	0.017	0.08	0.005	0.	0.022	0.005	0.005	0.02	0.068
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	12 ##	0.013	0.023	0.08	0.005	0.001	0.023	0.005	0.01	0.028	0.074
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	10	306.5	335.4	502.	209.	10253.822	101.261	211.1	245.	418.25	498.8
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	10	38.75	74.7	212.	4.	6793.178	82.421	4.45	8.875	144.	211.8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	10	7.5	89.2	330.	2.	17802.789	133.427	2.05	2.5	252.5	323.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	9	128.	107.667	270.	3.	8787.25	93.74	3.	20.	176.5	270.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	11	10.	28.727	130.	1.	1425.818	37.76	1.	8.	49.	114.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	11	1.	1.099	2.114	0.	0.442	0.665	0.	0.903	1.69	2.031
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.552								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	12 ##	7.5	10.333	33.	1.	110.061	10.491	1.	1.25	19.75	30.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	12 ##	0.874	0.749	1.519	0.	0.308	0.555	0.	0.075	1.271	1.471
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.613								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	12	6.9	7.192	14.	3.4	8.604	2.933	3.58	5.15	9.225	12.65

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	15.1	14.929	16.	12.2	1.592	1.262	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	6	44550.	40966.667	50200.	17500.	137334666.667	11718.987	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	7.5	8.171	10.2	7.3	1.262	1.124	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.92	7.524	8.03	6.	0.584	0.764	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.92	6.78	8.03	6.	1.229	1.109	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	7	0.012	0.166	1.	0.009	0.136	0.369	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	5 ##	0.007	0.017	0.06	0.004	0.001	0.024	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	5	0.02	0.041	0.1	0.006	0.001	0.039	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	4	267.5	243.75	320.	120.	7622.917	87.309	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	4	44.75	60.875	150.	4.	4324.396	65.76	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	5	30.	78.8	170.	1.	7045.7	83.939	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	5	1.477	1.46	2.23	0.	0.832	0.912	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.837								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	5	17.	16.6	40.	1.	261.3	16.165	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	5	1.23	0.899	1.602	0.	0.496	0.704	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.926								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	5	4.	4.68	8.	1.8	5.672	2.382	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0162

NPS Station ID: TIMU0162
LAT/LON: 30.529727/ -81.471671
Agency: 21FLSJWM
Date Created: 08/01/92
Location: NASSAU SOUND 1/2 MI NW OF A1A BRIDGE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 27.20
On/Off RF1:
RF3 Index: 03080103259200.00
RF3 Mile Point: 0.32
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-11/02/92	3	25.9	25.6	28.3	22.6	8.19	2.862	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-08/18/92	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-11/02/92	3	15.	15.	25.	5.	100.	10.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/02/92	2	45750.	45750.	46400.	45100.	845000.	919.239	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/02/92	3	6.4	6.5	7.3	5.8	0.57	0.755	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-11/02/92	3	7.4	7.433	7.5	7.4	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-11/02/92	3	7.4	7.431	7.5	7.4	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-11/02/92	3	0.04	0.037	0.04	0.032	0.	0.005	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/02/92	3 ##	1.	2.333	5.	1.	5.333	2.309	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/02/92	3 ##	0.	0.233	0.699	0.	0.163	0.404	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.71								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/02/92	3	11.98	12.077	15.03	9.22	8.446	2.906	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/02/92	3	10.16	10.16	12.3	8.02	4.58	2.14	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/02/92	3	0.	0.477	1.43	0.	0.682	0.826	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/02/92	3	2.16	2.28	2.75	1.93	0.179	0.423	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/02/92	3	2.38	2.63	3.8	1.71	1.139	1.067	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-11/02/92	3	1.57	1.563	1.58	1.54	0.	0.021	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-11/02/92	3	6.5	6.433	6.6	6.2	0.043	0.208	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-08/18/92	2	7.25	7.25	7.3	7.2	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	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									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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: TIMU0163

NPS Station ID: TIMU0163
LAT/LON: 30.568560/ -81.473171
Agency: 21FLA
Date Created: / /
Location: MARKER #37 N HARRISON CR CONF
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020023
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 20.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 030702050514l7.71
RF3 Mile Point: 17.85
Distance from RF3: 0.02
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA LIGHTED MARKER #37 NORTH OF HARRISON CREEK CONFLUENCE

Parameter Inventory for Station: TIMU0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/09/91	16	7.	6.15	10.	0.2	11.128	3.336	0.2	4.25	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	9	24.	24.767	30.	19.2	15.968	3.996	19.2	21.1	28.25	30.
00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	5	1.	1.1	2.	0.5	0.3	0.548	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	9	8.	12.6	31.	5.	88.7	9.418	5.	6.1	20.5	31.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	9	0.72	0.759	1.1	0.4	0.04	0.201	0.4	0.645	0.9	1.1
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	9	60.	55.556	80.	30.	377.778	19.437	30.	35.	75.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	6	41800.	42366.667	52000.	32900.	64330666.667	8020.64	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	8	37700.	40437.5	52100.	30400.	72042678.571	8487.796	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	2	5.55	5.55	5.7	5.4	0.045	0.212	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	9	6.	5.911	7.8	4.	1.419	1.191	4.	4.85	6.8	7.8
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	9	1.7	1.544	2.3	0.2	0.49	0.7	0.2	1.	2.15	2.3
00400	PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.75	7.703	7.94	7.38	0.037	0.192	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.75	7.665	7.94	7.38	0.039	0.197	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	6	0.018	0.022	0.042	0.011	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	9	7.7	7.733	7.9	7.6	0.008	0.087	7.6	7.7	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/08/91	9	7.7	7.726	7.9	7.6	0.008	0.087	7.6	7.7	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	9	0.02	0.019	0.025	0.013	0.	0.004	0.013	0.016	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	2	115.5	115.5	122.	109.	84.5	9.192	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	6	30.5	30.667	34.5	27.	10.767	3.281	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	87.	79.	129.	18.	1847.5	42.983	18.	37.	123.	129.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	12.	12.667	21.	4.	41.	6.403	4.	6.5	19.5	21.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	75.	66.333	116.	14.	1415.5	37.623	14.	30.5	103.5	116.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	8 ##	0.165	0.298	0.78	0.005	0.108	0.329	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	3	0.05	0.044	0.08	0.003	0.002	0.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	8	0.665	0.61	1.17	0.01	0.2	0.447	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	6 ##	0.023	0.029	0.06	0.01	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	8	0.136	0.209	0.45	0.029	0.027	0.163	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	3	7.	7.	8.	6.	1.	1.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	2	15182.5	15182.5	15325.	15040.	40612.5	201.525	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	2	1400.	1400.	2000.	800.	720000.	848.528	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/09/91	2	45.	45.	60.	30.	450.	21.213	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/08/90-04/09/91	2	1.628	1.628	1.778	1.477	0.045	0.213	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			42.426								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	6	115.	207.167	790.	1.	88299.367	297.152	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-06/12/85	6	2.06	1.61	2.898	0.	1.381	1.175	**	**	**	**

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

Parameter Inventory for Station: TIMU0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.764								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/09/91	2	18.	18.	33.	3.	450.	21.213	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-04/09/91	2	0.998	0.998	1.519	0.477	0.542	0.736	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			9.95								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	16.	37.167	110.	1.	2153.367	46.404	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	1.097	1.022	2.041	0.	0.822	0.907	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.52								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/09/91	2	18.5	18.5	30.	7.	264.5	16.263	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/09/91	2	1.161	1.161	1.477	0.845	0.2	0.447	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			14.491								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	2 ##	0.053	0.053	0.09	0.016	0.003	0.052	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	8	14.	14.488	20.	9.5	11.387	3.374	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	6	0	0.00	3	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	6	1	0.17	3	0	0.00						
00400	PH	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	9	0	0.00	6	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	6	0	0.00	3	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	5	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0164

NPS Station ID: TIMU0164
LAT/LON: 30.393059/ -81.475003
Agency: 21FLSJWM
Date Created: 09/18/93
Location: ST JOHNS RIVER ABOVE ICWW
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SJRM25
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/93-08/11/93	3	28.1	26.933	28.2	24.5	4.443	2.108	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/11/93-08/11/93	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/12/93-06/09/93	2	0.925	0.925	1.1	0.75	0.061	0.247	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/93-08/11/93	3	40.	35.	50.	15.	325.	18.028	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/93-08/11/93	3	34800.	38066.667	46400.	33000.	52893333.333	7272.78	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/12/93-08/11/93	3	5.9	6.167	7.2	5.4	0.863	0.929	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/93-08/11/93	3	7.5	7.433	7.7	7.1	0.093	0.306	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/93-08/11/93	3	7.5	7.36	7.7	7.1	0.101	0.318	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/93-08/11/93	3	0.032	0.044	0.079	0.02	0.001	0.032	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/93-08/11/93	3	103.	113.333	140.	97.	542.333	23.288	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/93-08/11/93	3	32.	50.667	90.	30.	1161.333	34.078	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/93-08/11/93	3	0.029	0.046	0.106	0.002	0.003	0.054	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/93-08/11/93	3	0.64	0.673	0.86	0.52	0.03	0.172	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/12/93-08/11/93	3	0.07	0.073	0.09	0.06	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/93-08/11/93	3 ##	0.35	0.28	0.45	0.04	0.046	0.214	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/93-08/11/93	3	192.	192.667	200.	186.	49.333	7.024	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/93-08/11/93	3	812.	859.	984.	781.	11959.	109.357	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/12/93-08/11/93	3	6660.	6993.333	8130.	6190.	1024233.333	1012.044	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/12/93-08/11/93	3	240.	248.333	297.	208.	2032.333	45.081	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/93-08/11/93	3	12600.	13033.333	14500.	12000.	1703333.333	1305.118	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/93-06/09/93	2	1580.	1580.	1590.	1570.	200.	14.142	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/12/93-08/11/93	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/12/93-08/11/93	3	195.	222.667	285.	188.	2926.333	54.096	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/12/93-08/11/93	2 ##	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/12/93-08/11/93	3	16.	12.333	19.	2.	82.333	9.074	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/93-06/09/93	2 ##	11.	11.	17.	5.	72.	8.485	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/93-06/09/93	2 ##	0.965	0.965	1.23	0.699	0.141	0.376	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.22								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/12/93-08/11/93	3	4.53	5.04	7.04	3.55	3.24	1.8	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-08/11/93	3	3.48	3.387	5.08	1.6	3.034	1.742	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/12/93-08/11/93	3 ##	0.15	0.062	0.15	-0.08	0.015	0.124	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/12/93-08/11/93	3	0.8	0.725	1.2	0.175	0.267	0.517	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-08/11/93	3	2.97	2.54	3.07	1.58	0.694	0.833	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/12/93-08/11/93	3	1.44	1.387	1.48	1.24	0.017	0.129	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/93-08/11/93	3	26500.	24500.	26500.	20500.	12000000.	3464.102	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/12/93-08/11/93	3	0.049	0.051	0.064	0.041	0.	0.012	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/12/93-08/11/93	3	4.4	4.7	5.9	3.8	1.17	1.082	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/12/93-08/11/93	3	10.5	10.033	12.6	7.	8.003	2.829	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	3	1.00	3	3	1.00									
		Drinking Water	250.	3	3	1.00	3	3	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	2	1.00	2	2	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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: TIMU0165

NPS Station ID: TIMU0165
LAT/LON: 30.550011/ -81.469111
Agency: 21FLA
Date Created: / /
Location: AMELIA RIVER AT CM 1
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020013
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 20
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 18.880
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070204034700.00
RF3 Mile Point: 1.46
Distance from RF3: 0.16
On/Off RF3:
Description:
SEGMENT 19.1AA BODY OF WATER' RIVER, AMELIA AMELIA RIVER AT LIGHTED MARKER 1 NEAR ITT RAYONIER EFF PRIMARY PNS

Parameter Inventory for Station: TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	255	6.	6.237	21.	0.	16.815	4.101	0.2	3.	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	149	24.	22.619	31.6	6.5	35.757	5.98	13.1	18.	27.8	29.
00055	VELOCITY, STREAM FT/SEC	09/17/75-05/07/98	46	1.	1.102	3.	0.	0.402	0.634	0.44	0.675	1.35	2.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/29/74-06/18/75	3	0.9	1.133	2.	0.5	0.603	0.777	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/20/72-11/18/75	29	4.8	5.245	11.	1.8	4.415	2.101	2.2	3.7	6.9	8.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/08/75-05/07/98	94	7.3	9.169	36.	1.5	48.392	6.956	3.05	4.575	11.25	19.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/17/75-09/17/75	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	90	0.8	0.784	1.4	0.3	0.043	0.207	0.5	0.693	0.9	1.
00080	COLOR (PLATINUM-COBALT UNITS)	05/23/69-11/18/75	30	50.	68.333	300.	20.	3616.092	60.134	30.	40.	62.5	159.
00081p	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	98	40.	49.184	190.	10.	758.09	27.533	20.	38.75	60.	80.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/75-05/07/98	90	42000.	40842.667	51600.	23200.	42640019.775	6529.933	32260.	35375.	45700.	48590.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	114	37000.	37027.193	48300.	20000.	35875448.688	5989.612	29700.	32000.	42000.	44800.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/76-05/07/98	34	5.65	5.465	9.1	0.2	2.937	1.714	3.25	4.3	6.5	7.55
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	139	4.9	4.909	9.3	0.	4.894	2.212	1.4	3.6	6.7	7.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/22/69-05/07/98	120	1.35	2.675	30.	0.	16.867	4.107	0.6	1.	2.85	5.54
00340	COD, .25N K2CR2O7 MG/L	05/22/69-02/12/73	5	194.	394.	746.	157.	93871.5	306.385	**	**	**	**
00400p	PH (STANDARD UNITS)	05/23/69-05/07/98	116	7.41	7.399	8.32	5.7	0.186	0.431	6.935	7.203	7.695	7.85
00400p	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	116	7.41	7.043	8.32	5.7	0.314	0.561	6.935	7.202	7.695	7.85
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	116	0.039	0.091	1.995	0.005	0.063	0.252	0.014	0.02	0.063	0.116
00403p	PH, LAB, STANDARD UNITS SU	01/07/74-05/07/98	106	7.7	7.646	8.8	6.3	0.113	0.336	7.24	7.5	7.8	7.93
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/07/74-05/07/98	106	7.7	7.459	8.8	6.3	0.149	0.386	7.24	7.5	7.8	7.93
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/74-05/07/98	106	0.02	0.035	0.501	0.002	0.004	0.06	0.012	0.016	0.032	0.059
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/20/72-05/07/98	67	109.	116.343	1180.	8.	18872.199	137.376	15.	98.	117.	140.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/20/72-09/13/77	40	12.	13.225	36.	0.	68.281	8.263	3.2	6.25	18.	26.5
00480p	SALINITY - PARTS PER THOUSAND	05/07/80-05/07/98	59	30.	29.585	37.	16.	15.069	3.882	23.6	28.	32.	33.5
00500	RESIDUE, TOTAL (MG/L)	05/23/69-12/08/77	28	36125.	34940.786	45520.	19460.	36700393.508	6058.085	25103.	31175.	38807.5	42109.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/22/69-12/08/77	27	5752.	7659.185	44500.	3152.	63868638.926	7991.786	3458.8	4146.	7100.	13588.
00510	RESIDUE, TOTAL FIXED (MG/L)	03/20/72-12/08/77	25	29040.	28436.6	35690.	16220.	20872232.	4568.614	21152.	25519.5	31790.	33464.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/20/72-05/23/73	7	30510.	30095.714	36810.	19410.	44801295.238	6693.377	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	128	45.5	57.07	176.	1.	1630.349	40.378	16.9	22.25	89.25	116.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	126	9.	10.96	45.	0.	61.91	7.868	3.	4.	16.	22.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	123	35.	48.114	134.	4.	1238.561	35.193	12.4	18.	78.	99.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/08/73-01/21/75	6	0.225	0.259	0.62	0.002	0.063	0.251	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	127	0.15	0.222	2.14	0.	0.074	0.272	0.005	0.04	0.3	0.532
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/18/75-05/02/83	25	0.006	0.01	0.06	0.	0.	0.013	0.	0.004	0.012	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	71	0.01	0.052	0.76	0.	0.013	0.114	0.	0.003	0.06	0.1

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

Parameter Inventory for Station: TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	117	0.82	0.945	3.8	0.005	0.401	0.633	0.348	0.555	1.14	1.812
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/81-05/07/98	64	0.025	0.044	0.58	0.005	0.005	0.073	0.01	0.02	0.05	0.08
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/20/72-11/20/74	2	0.665	0.665	1.2	0.13	0.572	0.757	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	132	0.09	0.125	0.75	0.	0.013	0.114	0.022	0.056	0.15	0.304
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/17/74-07/17/74	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/07/73-10/02/96	53	8.	10.115	30.	4.	31.752	5.635	5.	6.	12.5	18.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/20/72-01/07/74	12	5270.	9080.5	56000.	26.	221375137.545	14878.681	1038.2	4825.	5775.	41360.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/74-02/09/76	3	196.	131.333	196.	2.	12545.333	112.006	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/07/74-08/04/76	6	407.5	360.667	700.	2.	95591.067	309.178	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/06/74-09/06/74	1	850.	850.	850.	850.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	01/26/76-02/09/76	2	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/14/74-08/04/76	5	1480.	1232.4	1680.	2.	479888.8	692.74	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/14/74-08/04/76	5	2900.	4792.4	15400.	4.	40524472.8	6365.884	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/76-02/09/76	2	2705.	2705.	5300.	110.	13468050.	3669.884	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/26/76-02/09/76	2	345.	345.	360.	330.	450.	21.213	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/14/74-08/04/76	5	500.	400.2	540.	1.	50850.2	225.5	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/06/74-09/06/74	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/72-10/01/90	43	16910.	16767.558	34530.	16.	19711622.967	4439.777	12644.	15080.	18600.	19880.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/73-10/01/90	30	2252.	1975.7	4000.	32.	1147450.148	1071.191	92.3	1760.	2531.	3270.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/20/74-09/17/75	6	1.175	1.142	1.6	0.7	0.104	0.323	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/75-07/06/92	37	0.85	1.089	2.97	0.58	0.394	0.628	0.714	0.77	1.15	2.582
01002	ARSENIC, TOTAL (UG/L AS AS)	07/29/82-07/29/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/06/74-09/06/83	3 ##	0.32	0.588	1.215	0.23	0.297	0.545	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/29/82-07/29/82	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	05/20/74-02/09/76	4 ##	125.25	125.25	250.	0.5	20750.083	144.049	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/73-09/06/83	21 ##	0.5	5.614	100.	0.	469.145	21.66	0.	0.175	1.5	4.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/06/74-09/06/83	3	0.15	0.247	0.5	0.09	0.049	0.221	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/06/74-09/06/83	3	9.8	8.367	12.1	3.2	21.343	4.62	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/27/81-09/06/83	3 ##	40.	95.	220.	25.	11775.	108.513	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/20/74-06/25/74	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/08/73-09/06/83	22 ##	10.	48.636	490.	2.5	12679.004	112.601	3.25	6.875	25.	208.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/06/74-09/06/83	3	1.8	2.347	3.84	1.4	1.713	1.309	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/07/74-09/06/83	26	405.	374.538	573.	25.	23779.938	154.207	120.	275.	500.	550.
01051	LEAD, TOTAL (UG/L AS PB)	10/08/73-09/06/83	20 ##	5.	21.35	260.	2.5	3212.634	56.68	2.75	5.	11.5	33.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-09/06/83	4	6.585	6.143	10.	1.4	15.033	3.877	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	07/29/82-07/29/82	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/29/82-07/29/82	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/29/82-07/29/82	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/08/73-09/06/83	16	80.	93.938	250.	5.	4295.396	65.539	10.6	50.	147.5	194.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/06/74-09/06/83	3	14.1	11.933	18.	3.7	54.643	7.392	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/29/82-07/29/82	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/29/82-07/29/82	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/06/74-09/06/83	3	4000.	3849.333	6900.	648.	9788901.333	3128.722	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/27/73-05/07/98	58	1500.	16071.966	300000.	10.	2848899671.472	53375.085	85.	330.	4450.	25100.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/27/73-05/07/98	58	3.172	3.137	5.477	1.	0.921	0.96	1.928	2.519	3.648	4.397
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1370.842								
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	110	1700.	13800.645	240000.	4.	1993399814.58	44647.506	68.2	330.	4450.	17000.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	110	3.23	3.123	5.38	0.602	0.942	0.971	1.833	2.519	3.648	4.23
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1328.435								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/01/90-01/06/92	3	90.	93.833	190.	1.5	8894.083	94.308	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/01/90-01/06/92	3	1.954	1.47	2.279	0.176	1.281	1.132	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			29.491								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	29	79.	406.138	7000.	2.	1677655.695	1295.243	5.	25.	205.	950.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	29	1.898	1.884	3.845	0.301	0.572	0.756	0.699	1.398	2.305	2.978
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			76.584								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	104	79.	2895.067	92000.	1.	166741497.088	12912.842	7.5	23.25	490.	3950.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	104	1.898	2.114	4.964	0.	1.124	1.06	0.874	1.366	2.69	3.591
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.009								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-05/07/98	22	134.	2013.477	30000.	1.5	42229121.107	6498.394	5.1	43.5	487.5	6500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/92-05/07/98	22	2.119	2.157	4.477	0.176	1.039	1.019	0.634	1.63	2.687	3.752
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			143.709								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/01/90-04/02/91	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/01/90-04/02/91	2	0.739	0.739	1.	0.477	0.137	0.37	**	**	**	**

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

Parameter Inventory for Station: TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			5.477								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/25/76-08/13/80	3	17.21	12.955	21.65	0.005	130.705	11.433	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/07/80-05/13/85	16	5.34	8.062	27.05	0.	64.941	8.059	0.126	2.26	14.005	23.9
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/25/76-05/25/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/25/76-05/25/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	05/23/69-05/23/69	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	09/20/82-09/06/83	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	09/20/82-09/06/83	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39379	SUM OF ALL DDT,DDE& DDD VALUES IN WHL WATER SAMP	11/01/76-11/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/20/82-09/06/83	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	11/01/76-11/01/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/20/82-09/06/83	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	09/20/82-09/06/83	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/08/84-10/08/84	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/08/84-10/08/84	1	95.64	95.64	95.64	95.64	0.	0.	**	**	**	**
48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	11/20/74-06/12/78	14	1095.	4051.286	24000.	11.	41360222.066	6431.191	14.	425.	6775.	15950.
48201	LOG FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	11/20/74-06/12/78	14	2.96	2.975	4.38	1.041	0.962	0.981	1.136	2.608	3.829	4.139
48201	GM FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	GEOMETRIC MEAN =			943.048								
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/30/79-07/30/79	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	80	0.025	0.036	0.39	0.	0.003	0.051	0.	0.01	0.046	0.07
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	10/01/90-10/01/90	1	144.	144.	144.	144.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	01/26/76-02/09/76	2	0.07	0.07	0.11	0.03	0.003	0.057	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/29/82-09/06/83	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/06/74-09/06/83	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
72016p	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/31/77-05/07/98	72	15.5	15.982	38.7	3.5	34.634	5.885	9.86	12.45	18.	21.
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/08/84-10/08/84	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/08/84-10/08/84	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/08/84-10/08/84	1	1.18	1.18	1.18	1.18	0.	0.	**	**	**	**

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Parameter Inventory for Station: TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/08/84-10/08/84	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	02/07/74-10/01/90	23	2.348	2.024	3.928	0.	1.434	1.198	0.	1.22	2.874	3.298
82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	06/18/75-06/18/75	1	0.184	0.184	0.184	0.184	0.	0.	**	**	**	**
82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	06/18/75-06/18/75	1	0.786	0.786	0.786	0.786	0.	0.	**	**	**	**
82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	06/18/75-06/18/75	1	0.082	0.082	0.082	0.082	0.	0.	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	02/07/74-10/01/90	23	13.	13.043	27.	0.	67.316	8.205	0.	7.	19.	23.6
82251	ARTIFICIAL SUBSTRATE,DIVERSITY INDEX	02/07/74-02/07/74	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
82252	ARTIFICIAL SUBSTRATE +/- DIVERSITY INDEX	02/07/74-02/07/74	1	0.329	0.329	0.329	0.329	0.	0.	**	**	**	**
82253	ARTIFICIAL SUBSTRATE,REDUNDANCY INDEX	02/07/74-02/07/74	1	0.234	0.234	0.234	0.234	0.	0.	**	**	**	**
82254	ARTIFICIAL SUBSTRATE +/- REDUNDANCY INDEX	02/07/74-02/07/74	1	0.148	0.148	0.148	0.148	0.	0.	**	**	**	**
82255	ARTIFICIAL SUBTRATE #OF SPECIES INDEX	02/07/74-02/07/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
82257	BIOTIC INDEX (SPECIES) INDEX	10/01/90-10/01/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0165

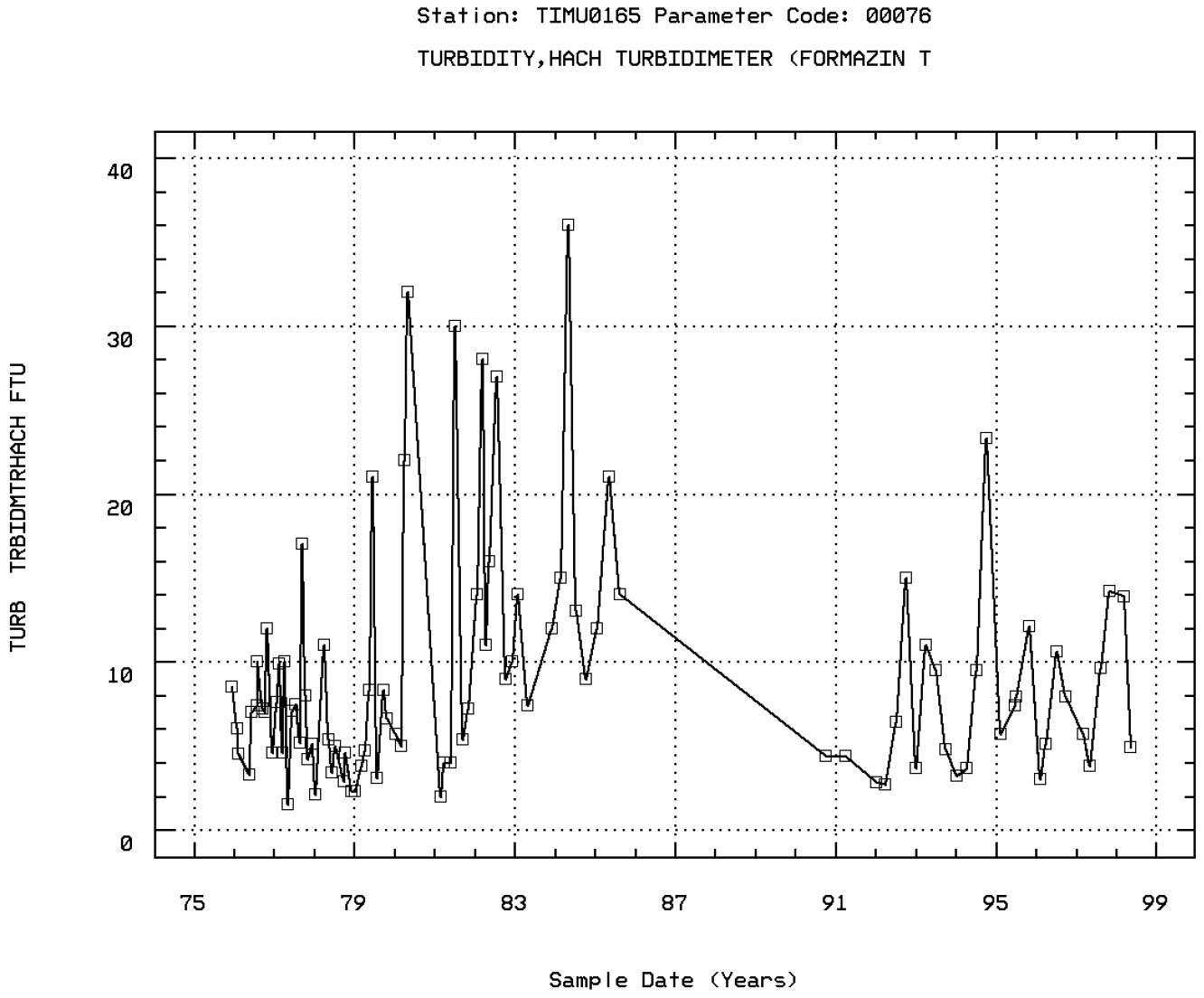
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	29	0	0.00	18	0	0.00	11	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	94	0	0.00	54	0	0.00	40	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	34	6	0.18	23	6	0.26	11	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	139	48	0.35	88	38	0.43	51	10	0.20						
00400	PH	Fresh Chronic	9.	116	0	0.00	80	0	0.00	36	0	0.00						
		Other-Lo Lim.	6.5	116	6	0.05	80	4	0.05	36	2	0.06						
00403	PH, LAB	Fresh Chronic	9.	106	0	0.00	59	0	0.00	47	0	0.00						
		Other-Lo Lim.	6.5	106	2	0.02	59	2	0.03	47	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	25	0	0.00	13	0	0.00	12	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	71	0	0.00	41	0	0.00	30	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	64	0	0.00	44	0	0.00	20	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	43	42	0.98	27	27	1.00	16	15	0.94						
		Drinking Water	250.	43	42	0.98	27	27	1.00	16	15	0.94						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	30	25	0.83	23	19	0.83	7	6	0.86						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	3	0	0.00	3	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	37	0	0.00	17	0	0.00	20	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	2 &	0	0.00	2	0	0.00									
		Drinking Water	5.	2 &	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	20 &	1	0.05	16	1	0.06	4	0	0.00						
		Drinking Water	5.	20 &	1	0.05	16	1	0.06	4	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	1	0.33	3	1	0.33									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	17 &	2	0.12	12	2	0.17	5	0	0.00						
		Drinking Water	1300.	22	0	0.00	17	0	0.00	5	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	20	1	0.05	15	1	0.07	5	0	0.00						
		Drinking Water	15.	20	4	0.20	15	3	0.20	5	1	0.20						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	16	5	0.31	13	3	0.23	3	2	0.67						
		Drinking Water	5000.	16	0	0.00	13	0	0.00	3	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: TIMU0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	58	32	0.55	34	18	0.53	24	14	0.58						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	110	63	0.57	74	39	0.53	36	24	0.67						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	29	7	0.24	19	4	0.21	10	3	0.30						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	104	41	0.39	69	21	0.30	35	20	0.57						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	10	0.45	13	4	0.31	9	6	0.67						
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

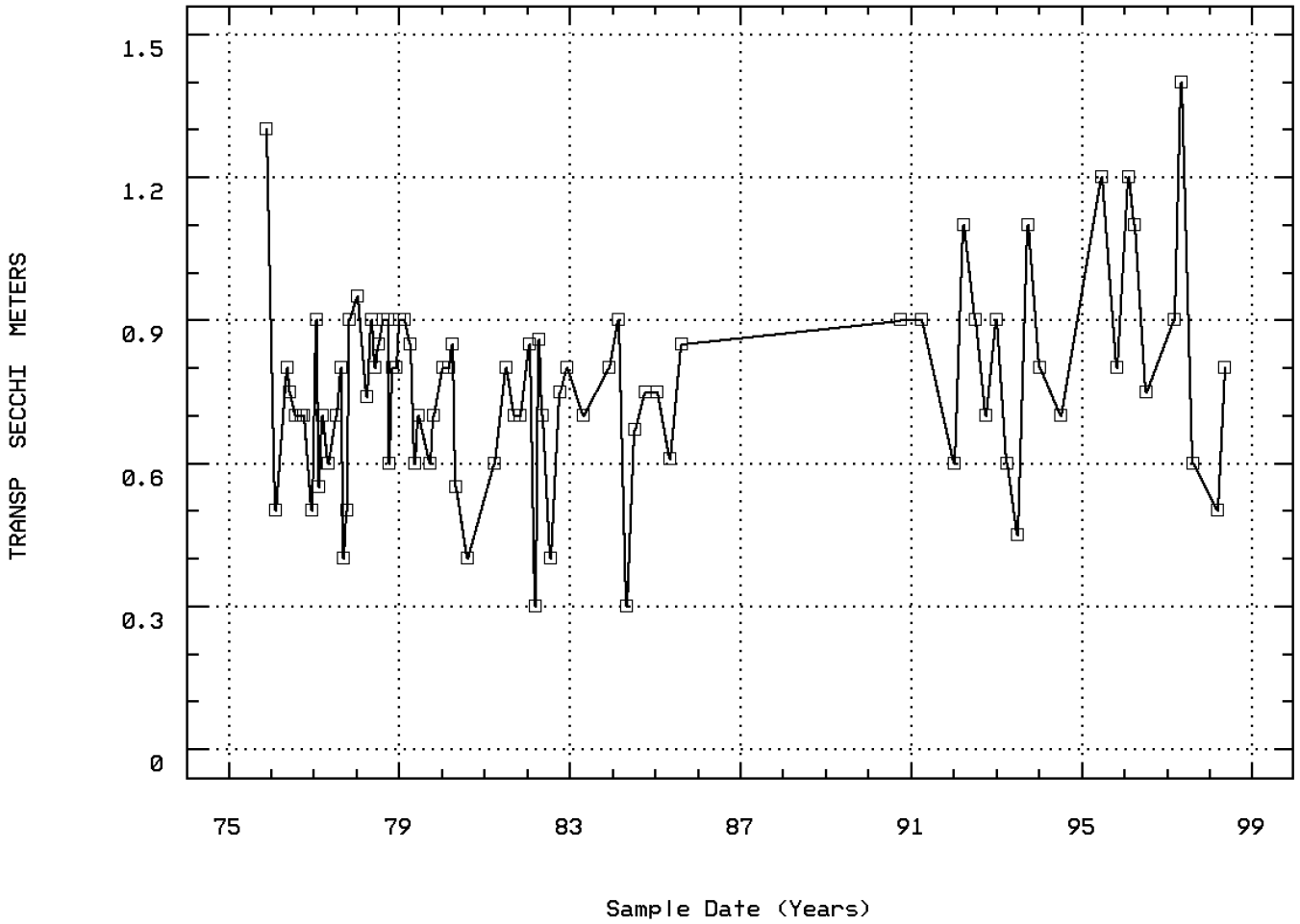
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00078

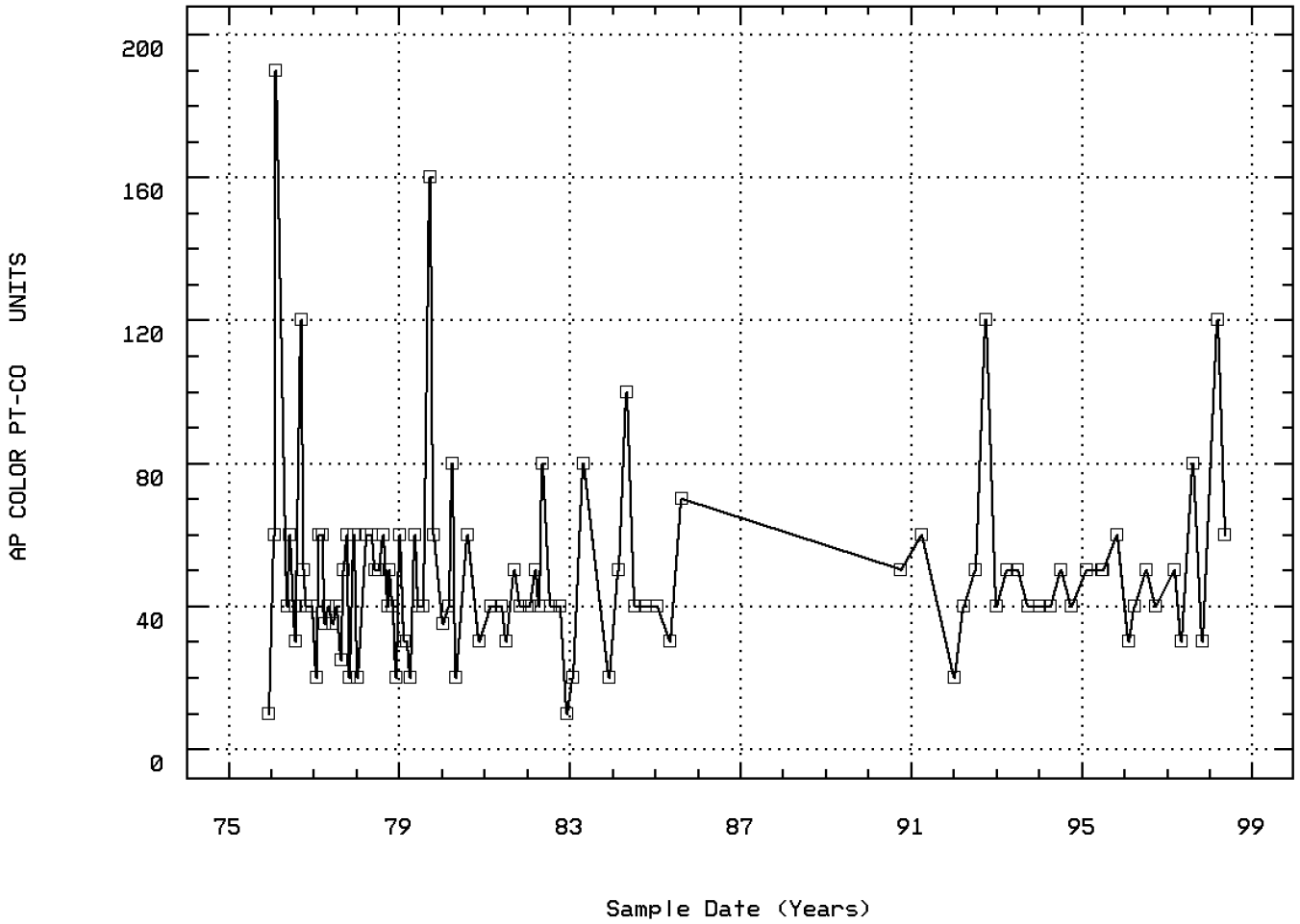
TRANSPARENCY, SECCHI DISC (METERS)



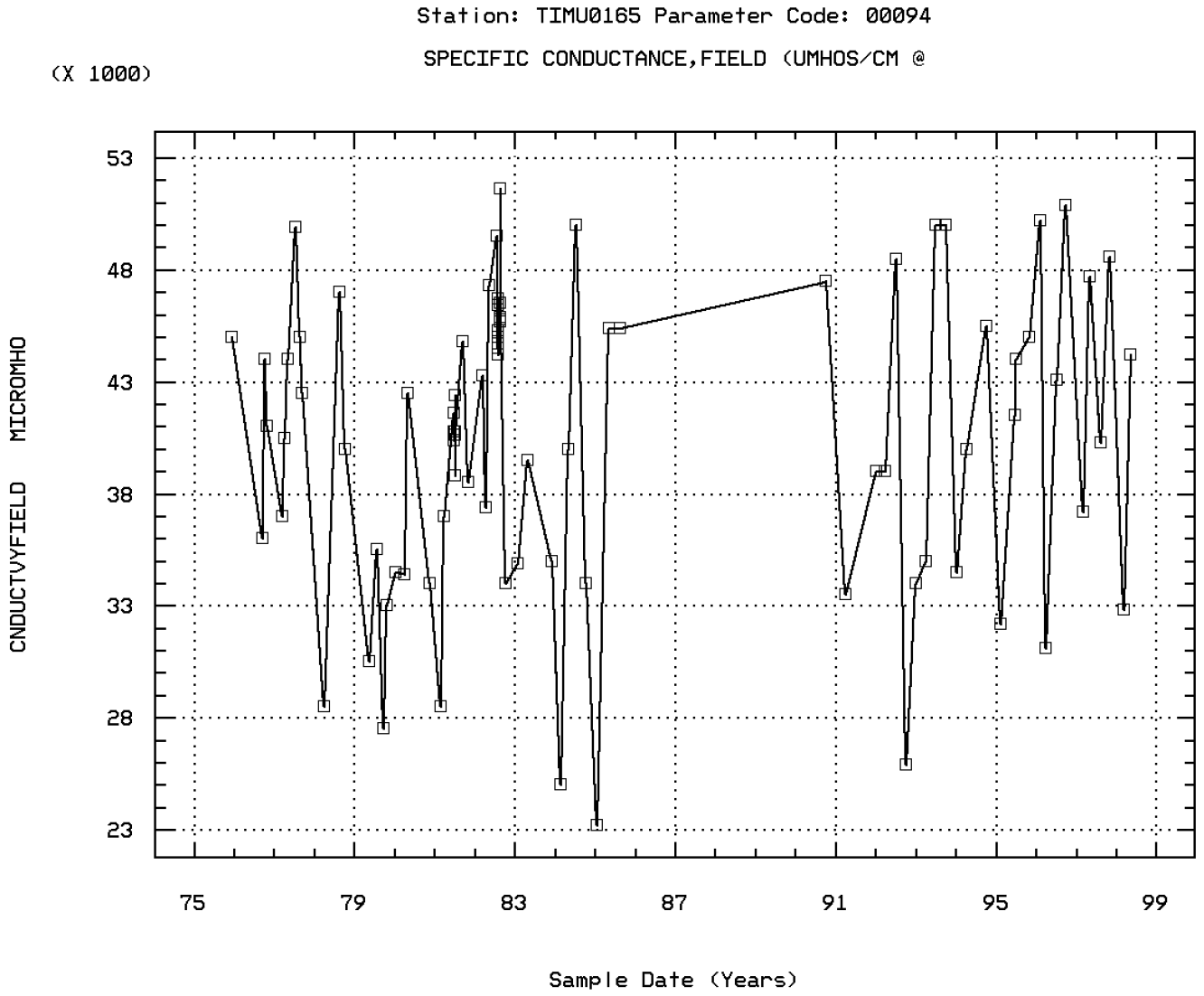
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00081

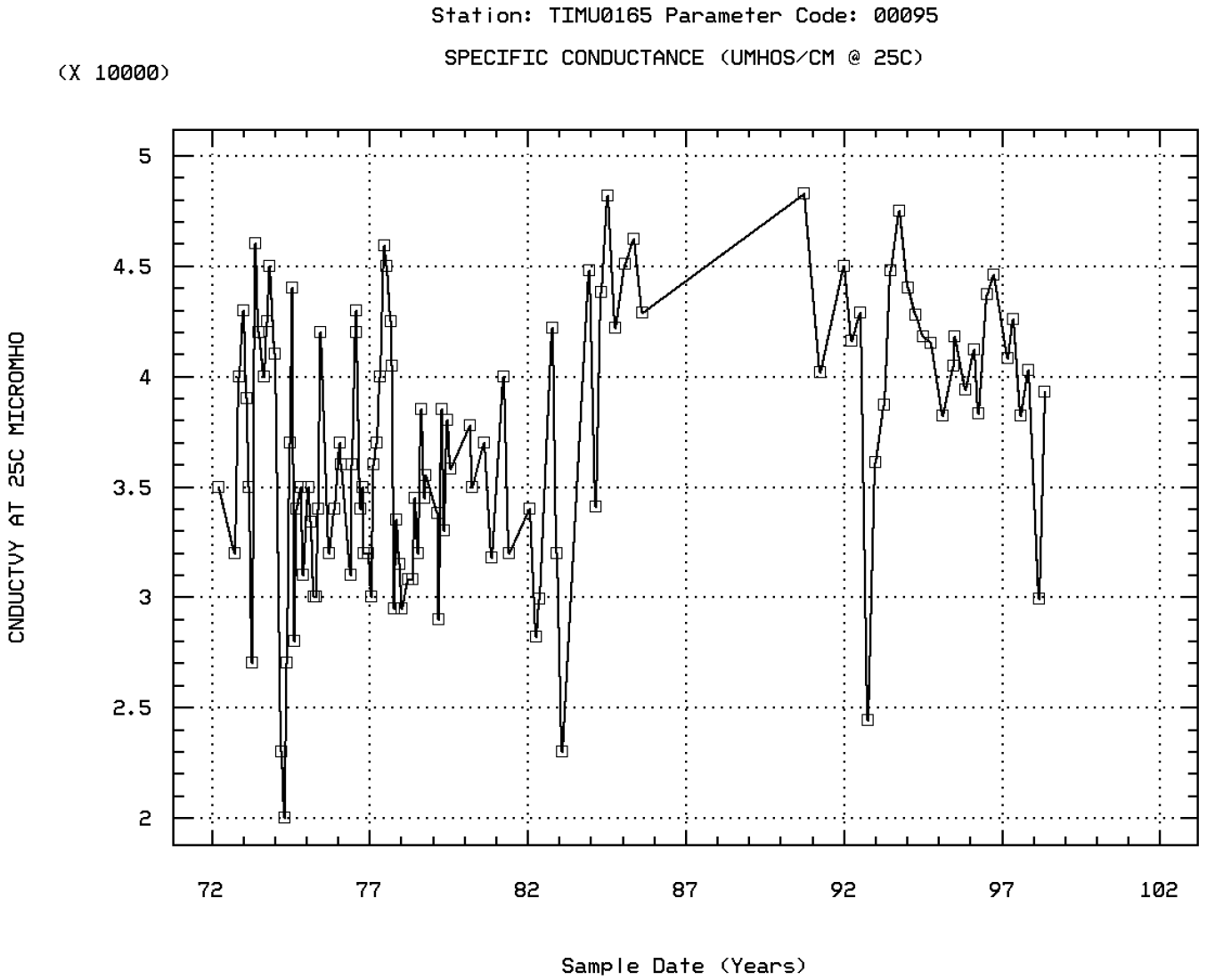
COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-



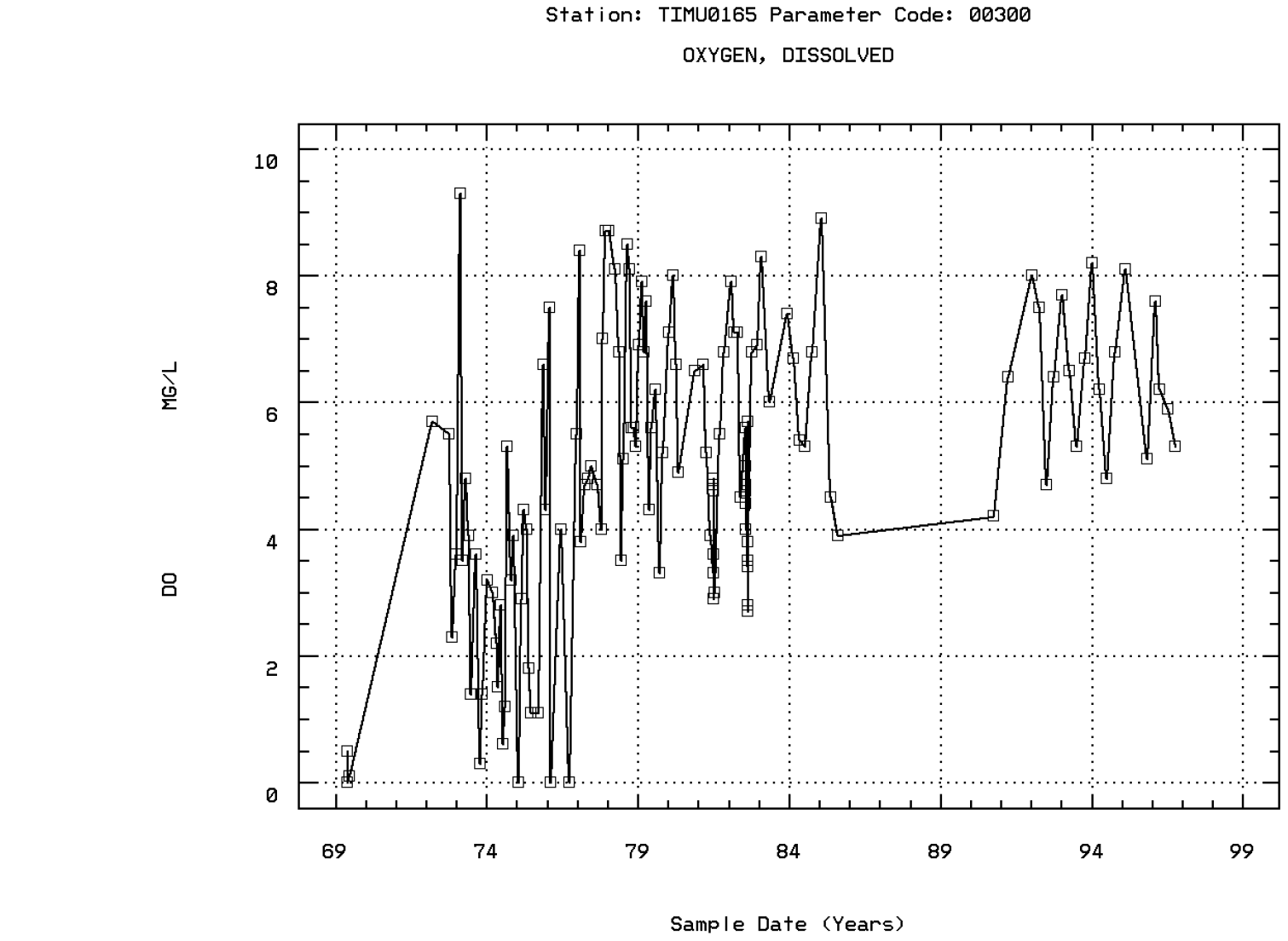
AMELIA RIVER AT CM 1



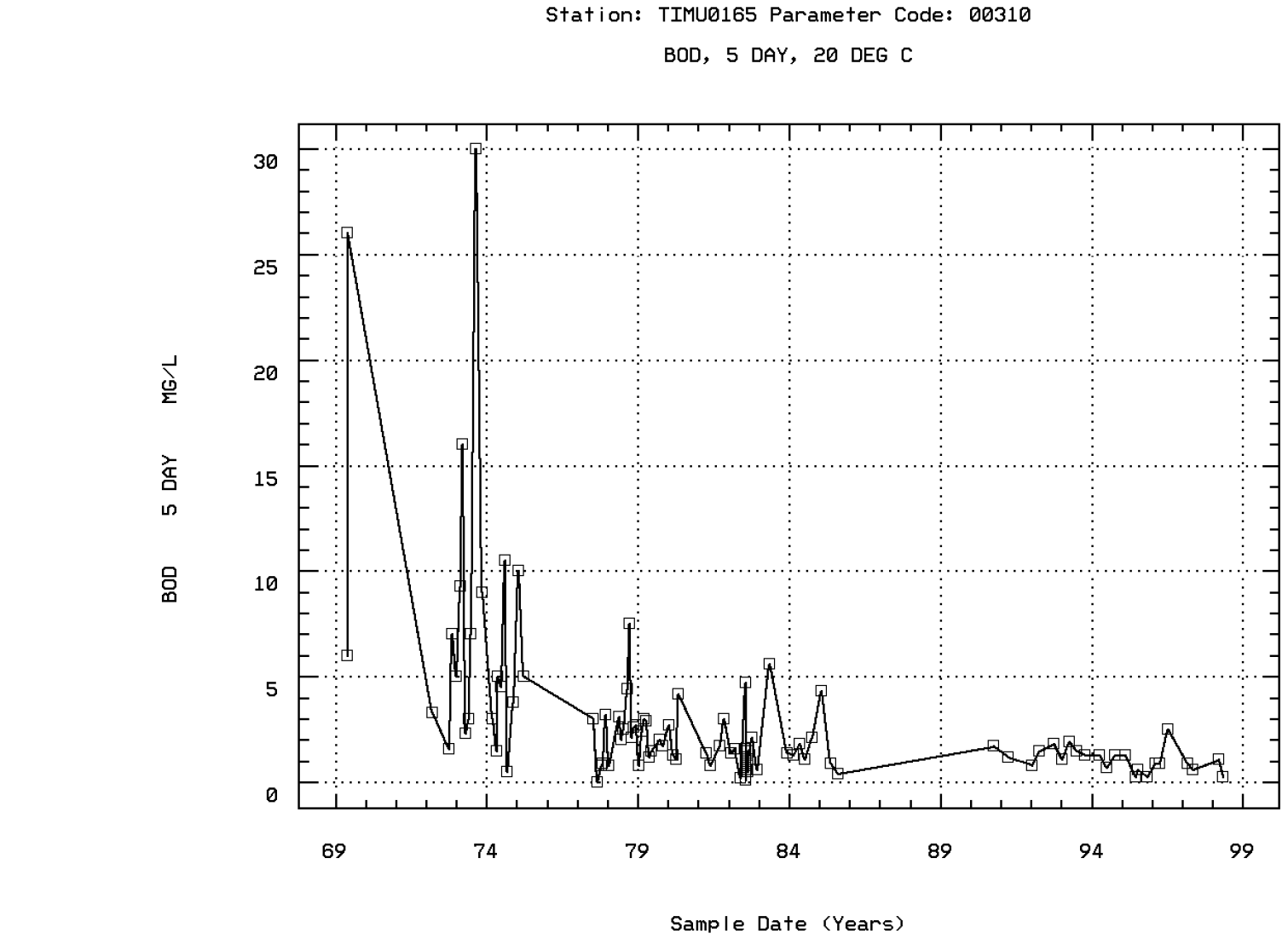
AMELIA RIVER AT CM 1



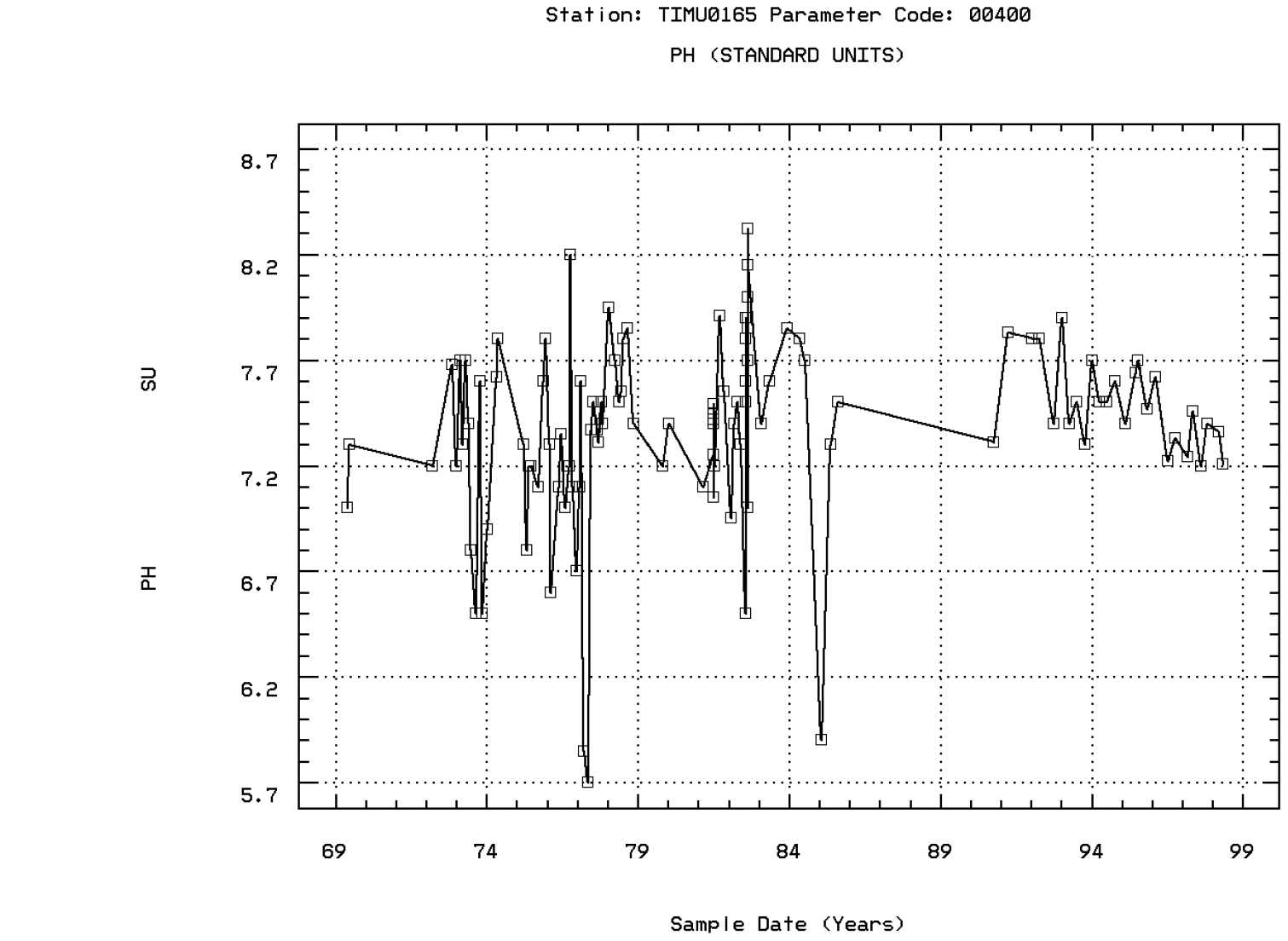
AMELIA RIVER AT CM 1



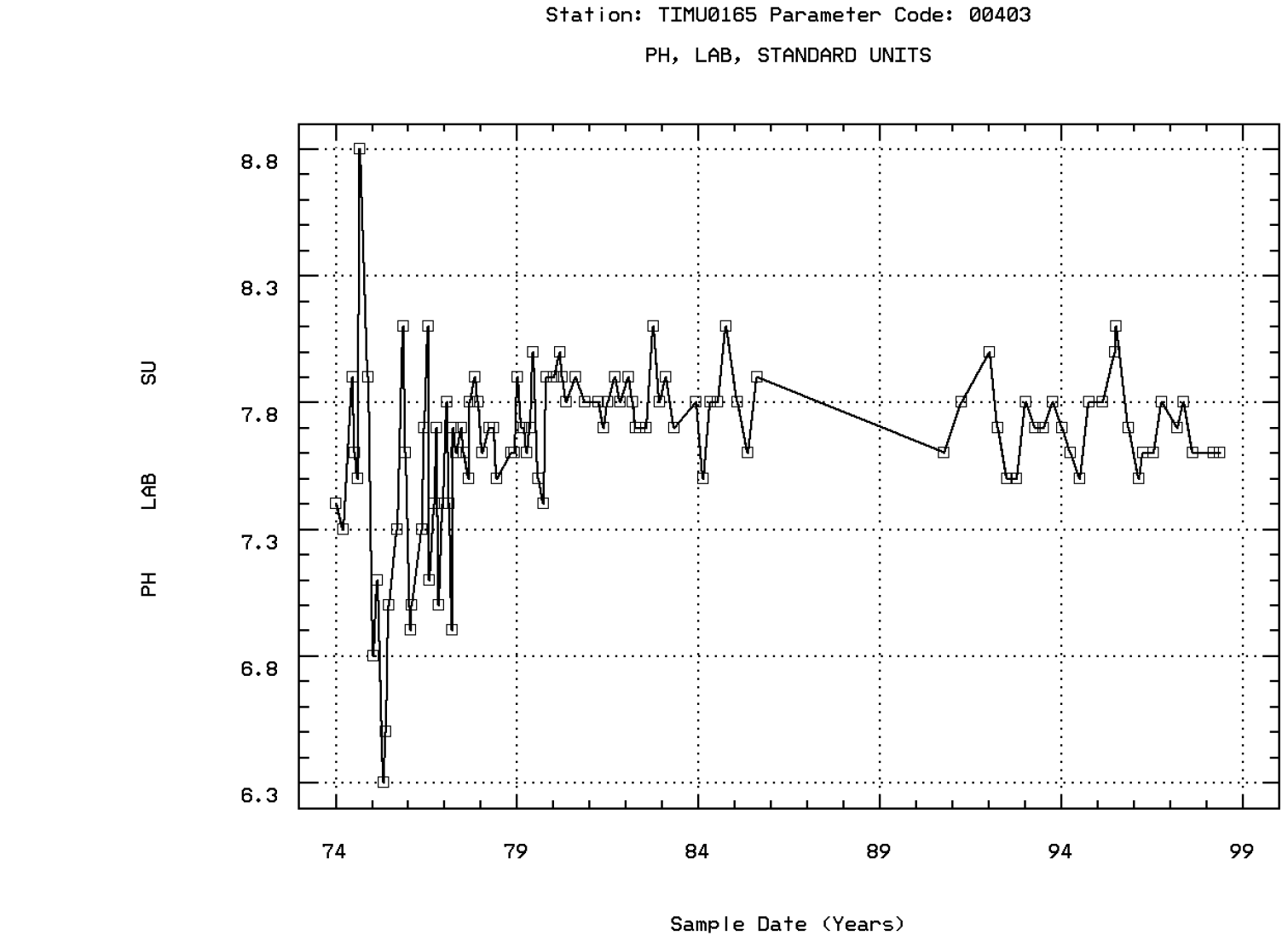
AMELIA RIVER AT CM 1



AMELIA RIVER AT CM 1



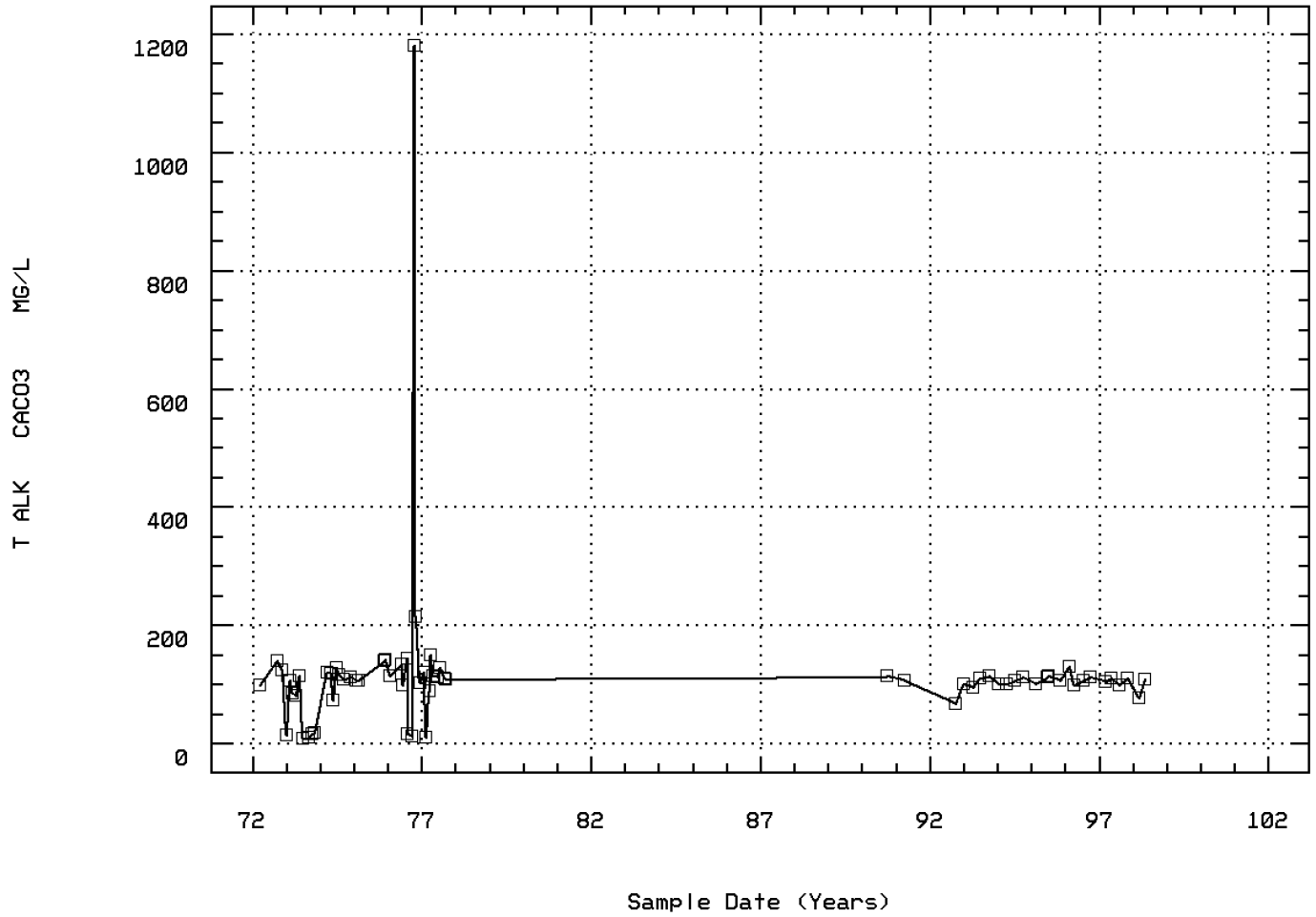
AMELIA RIVER AT CM 1



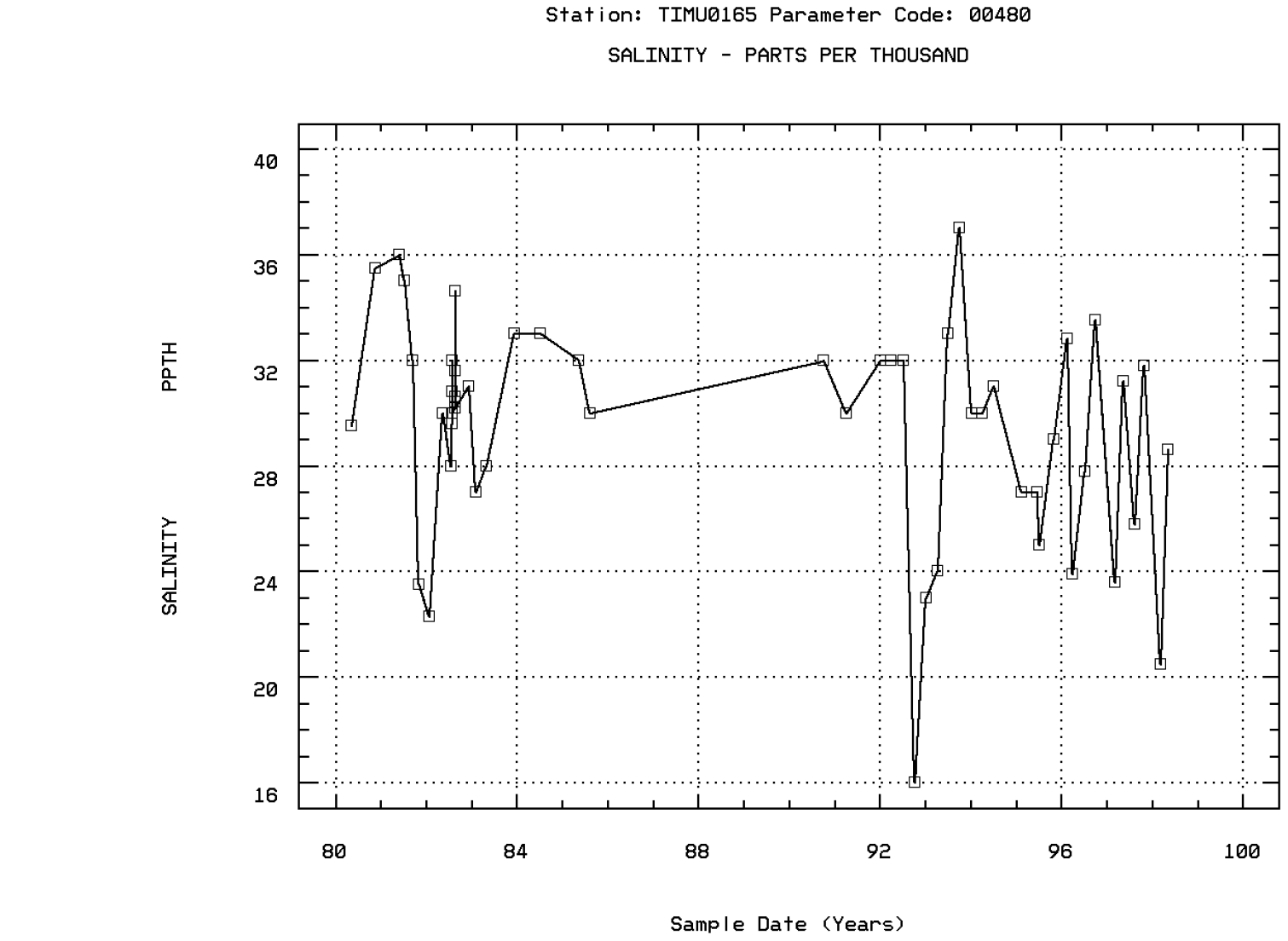
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00410

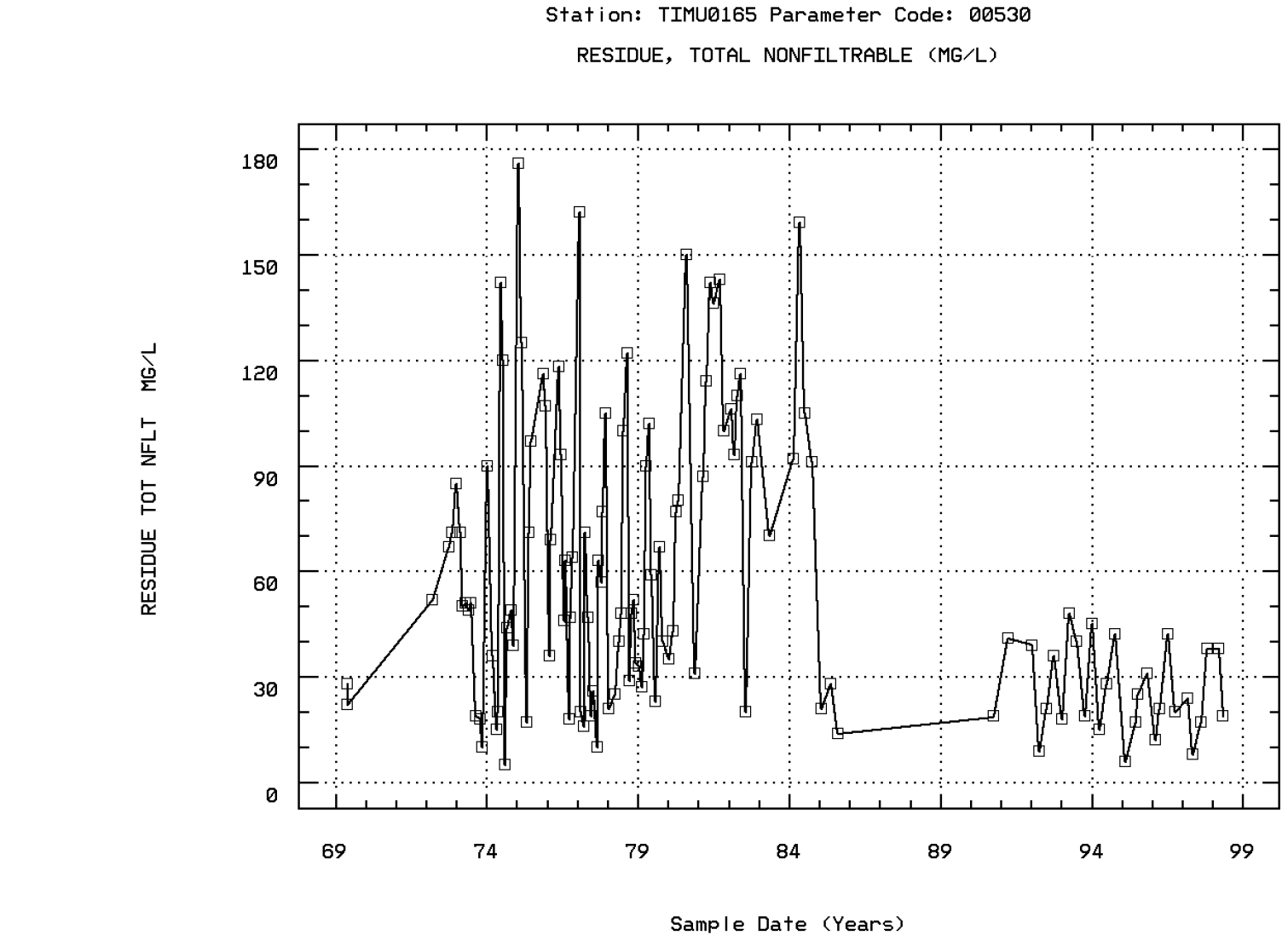
ALKALINITY, TOTAL (MG/L AS CACO3)



AMELIA RIVER AT CM 1



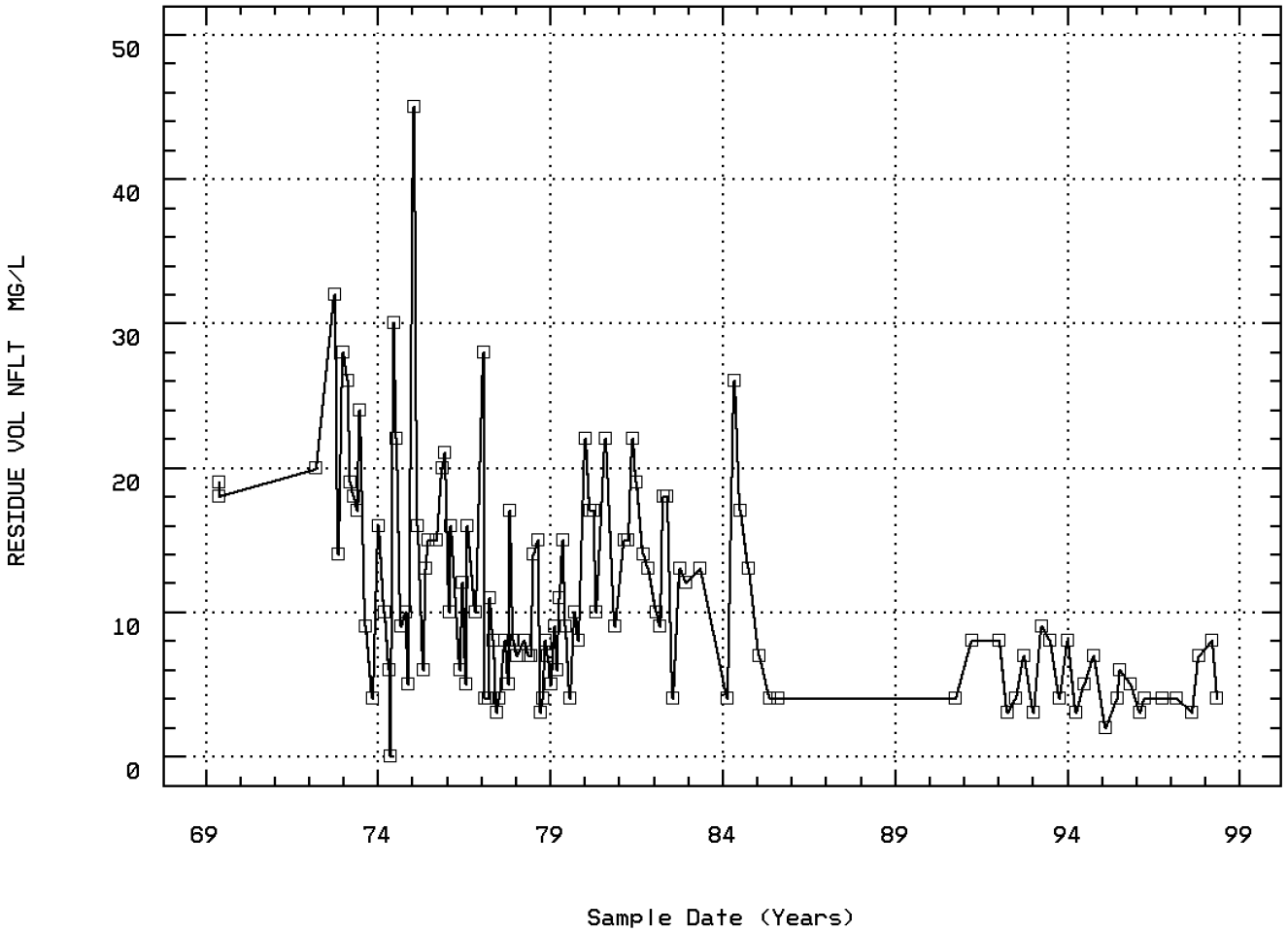
AMELIA RIVER AT CM 1



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00535

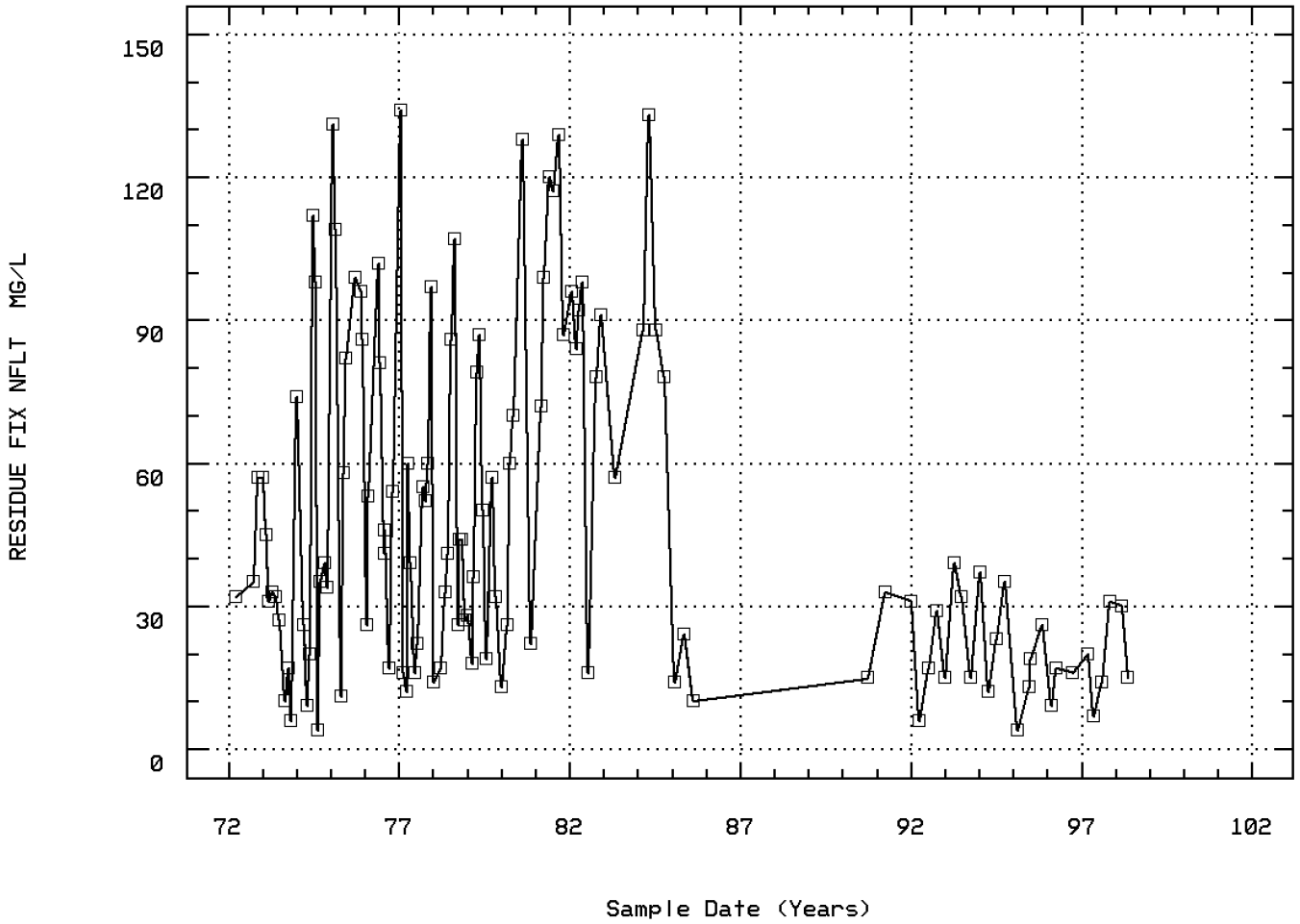
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



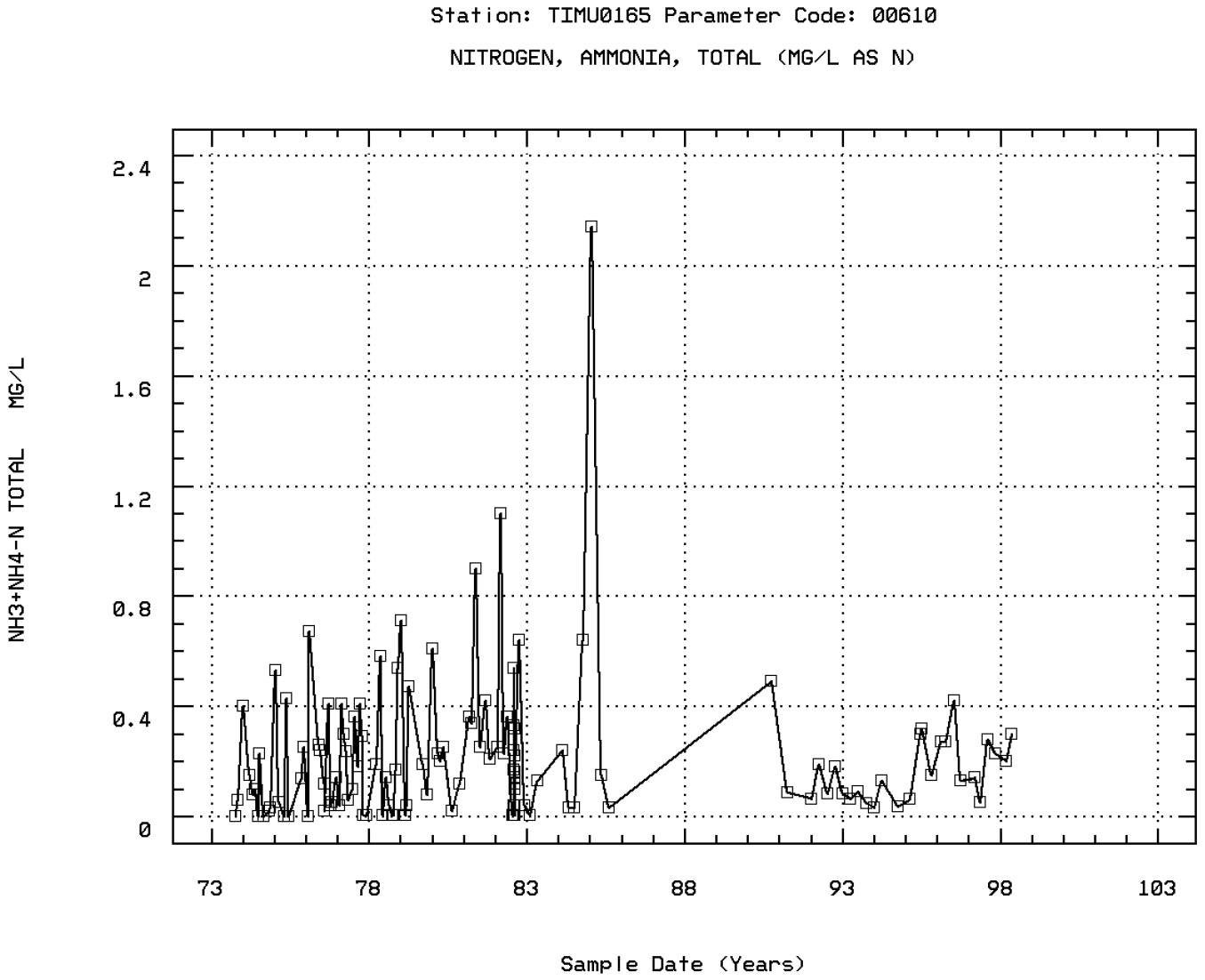
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00540

RESIDUE, FIXED NONFILTRABLE (MG/L)



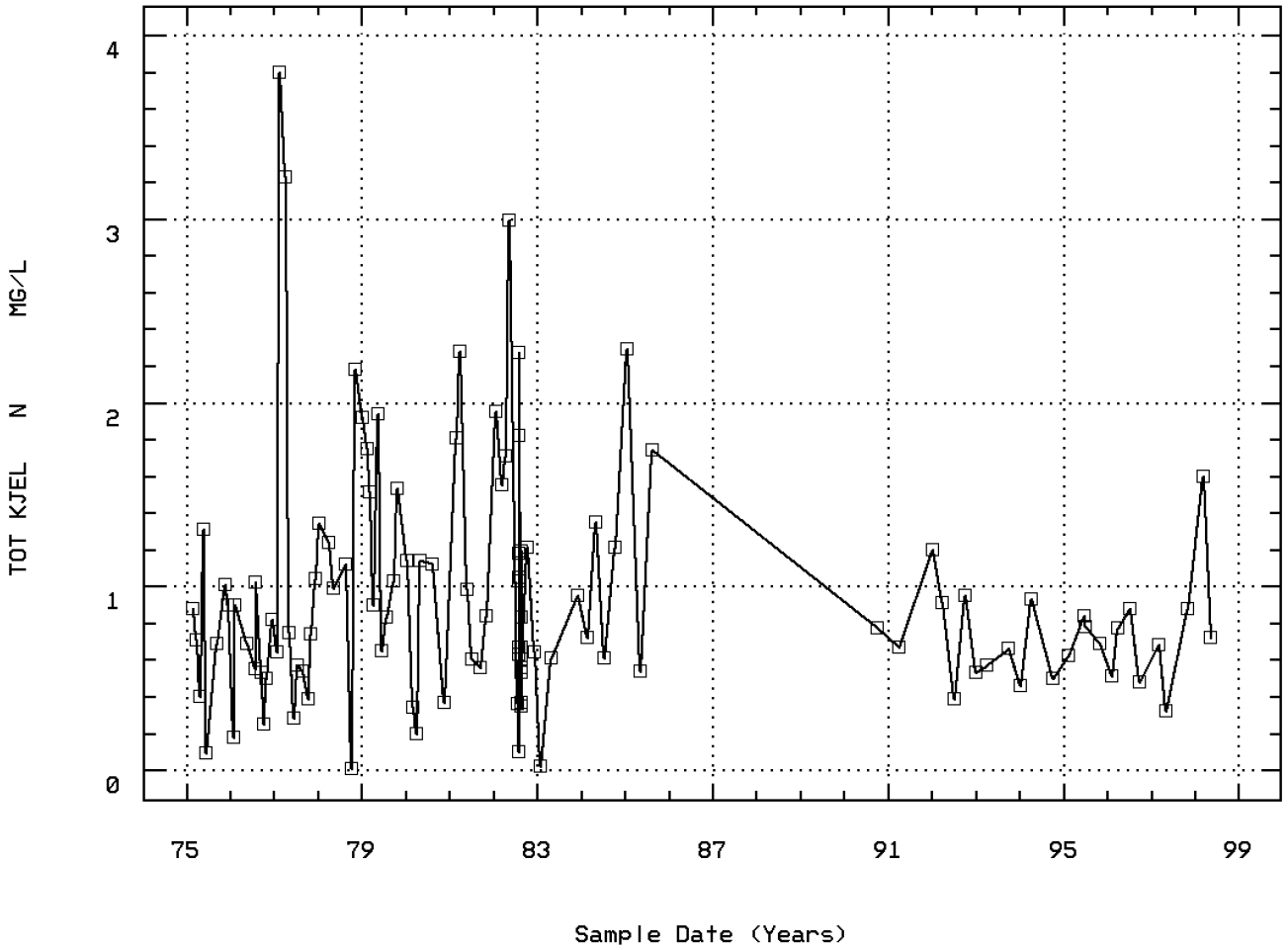
AMELIA RIVER AT CM 1



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00625

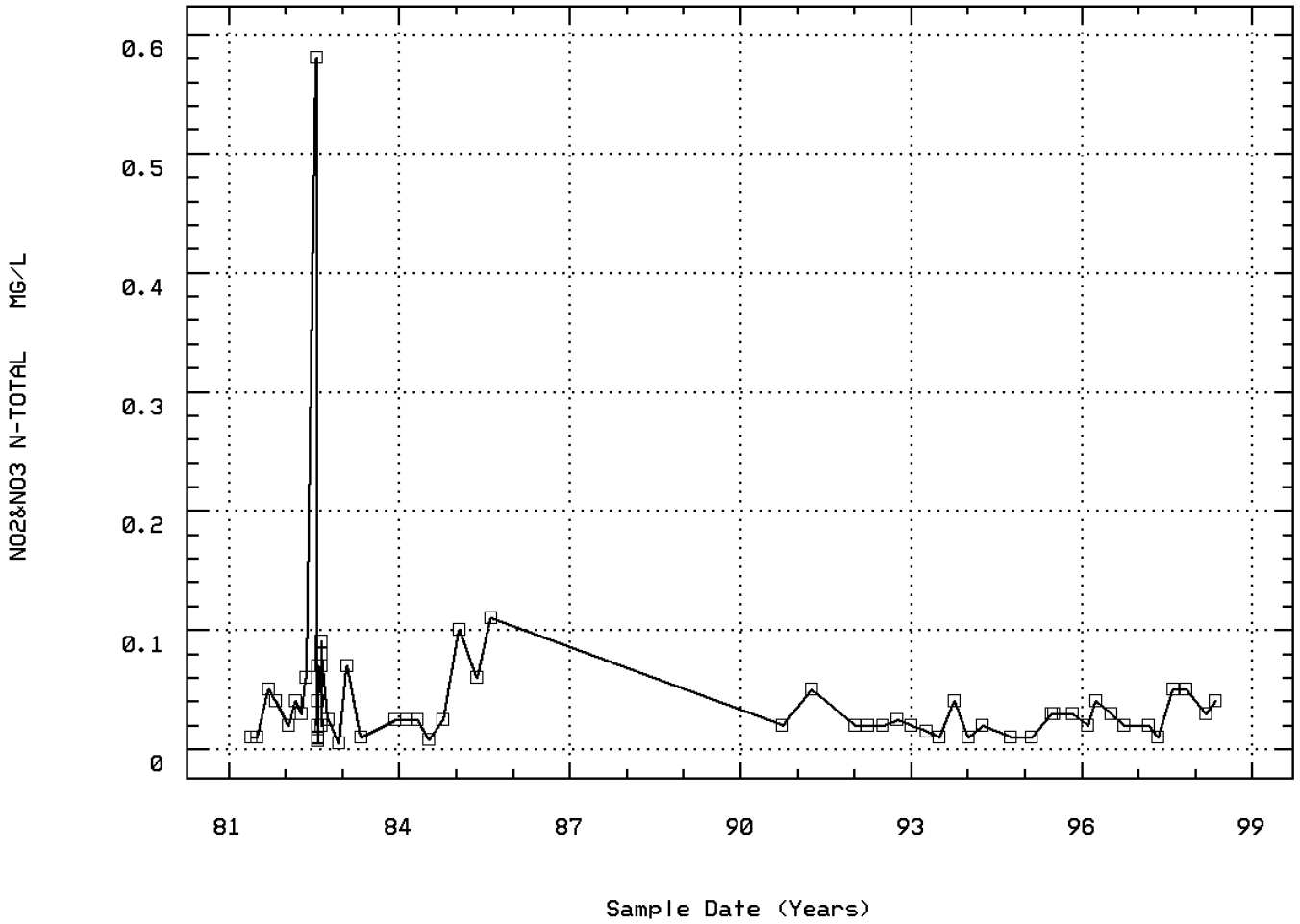
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



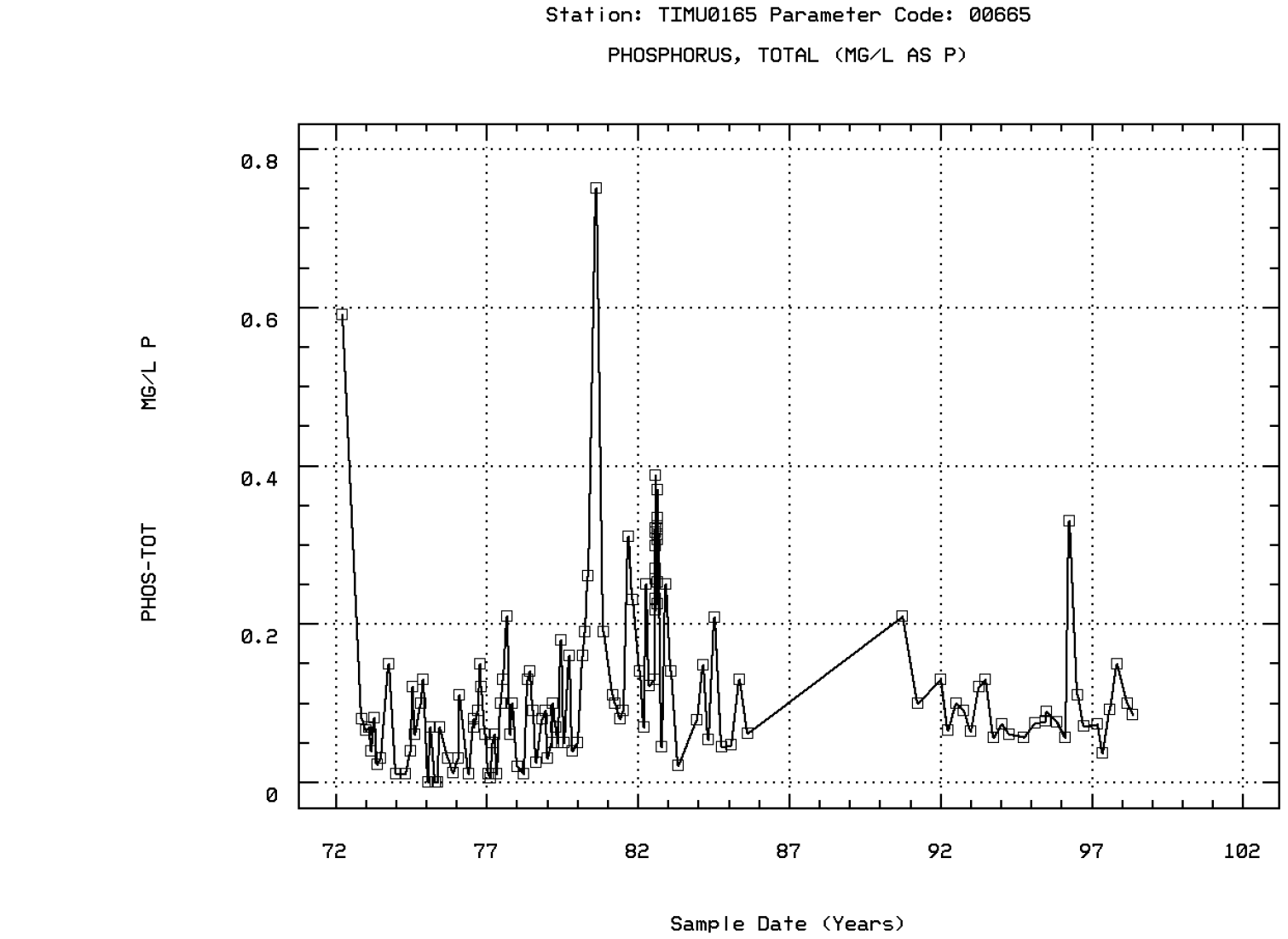
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00630

NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



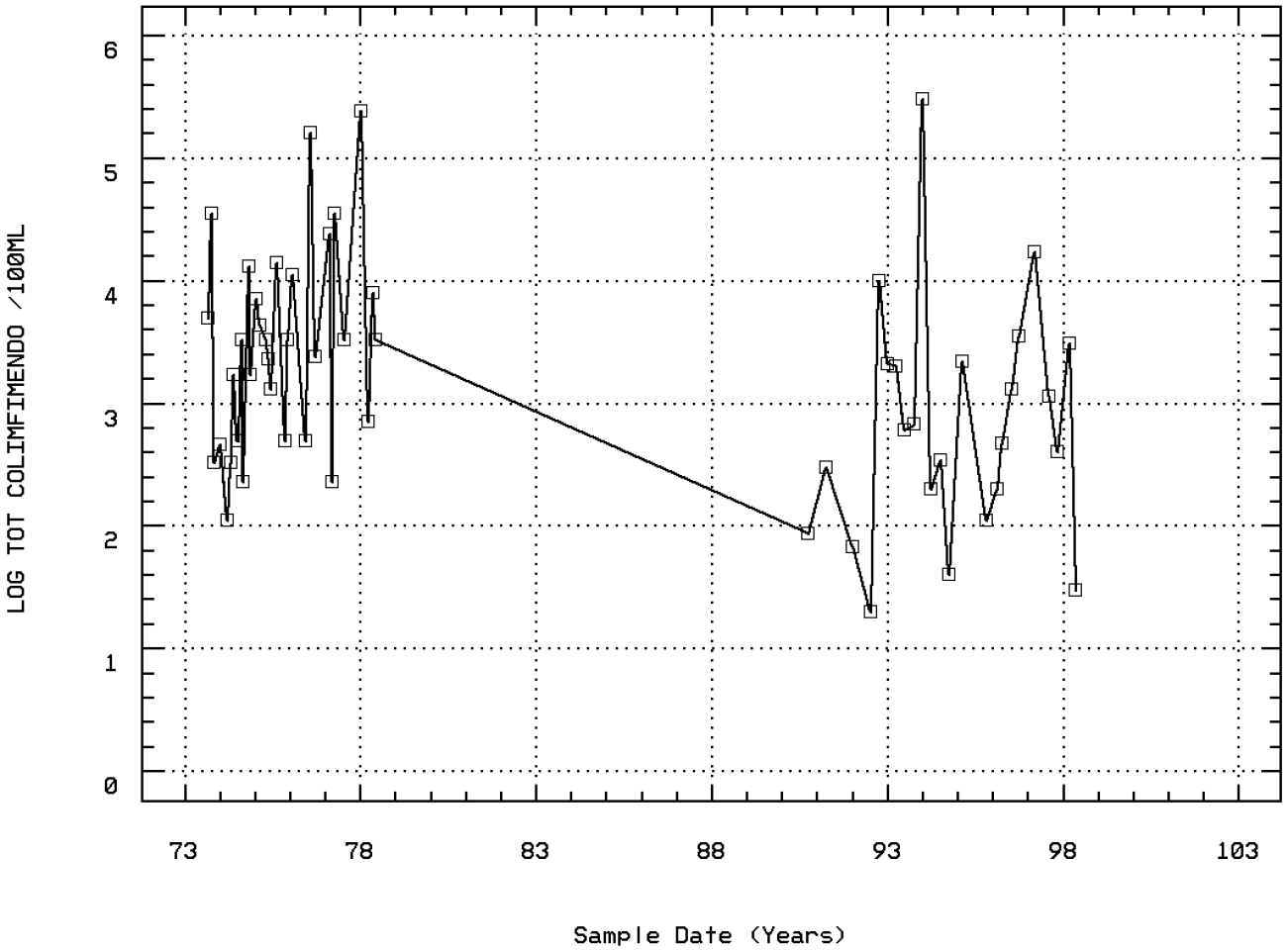
AMELIA RIVER AT CM 1



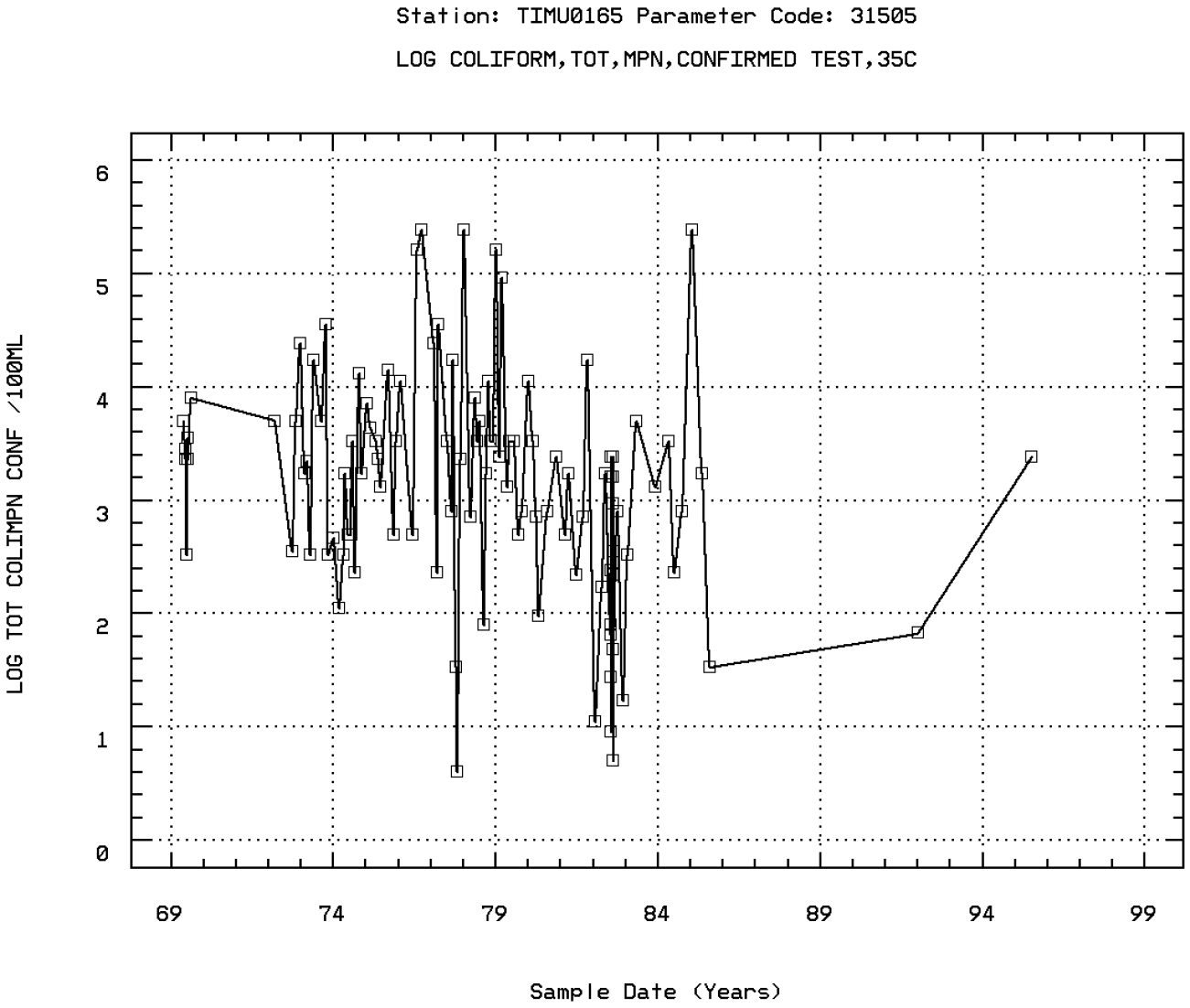
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 31501

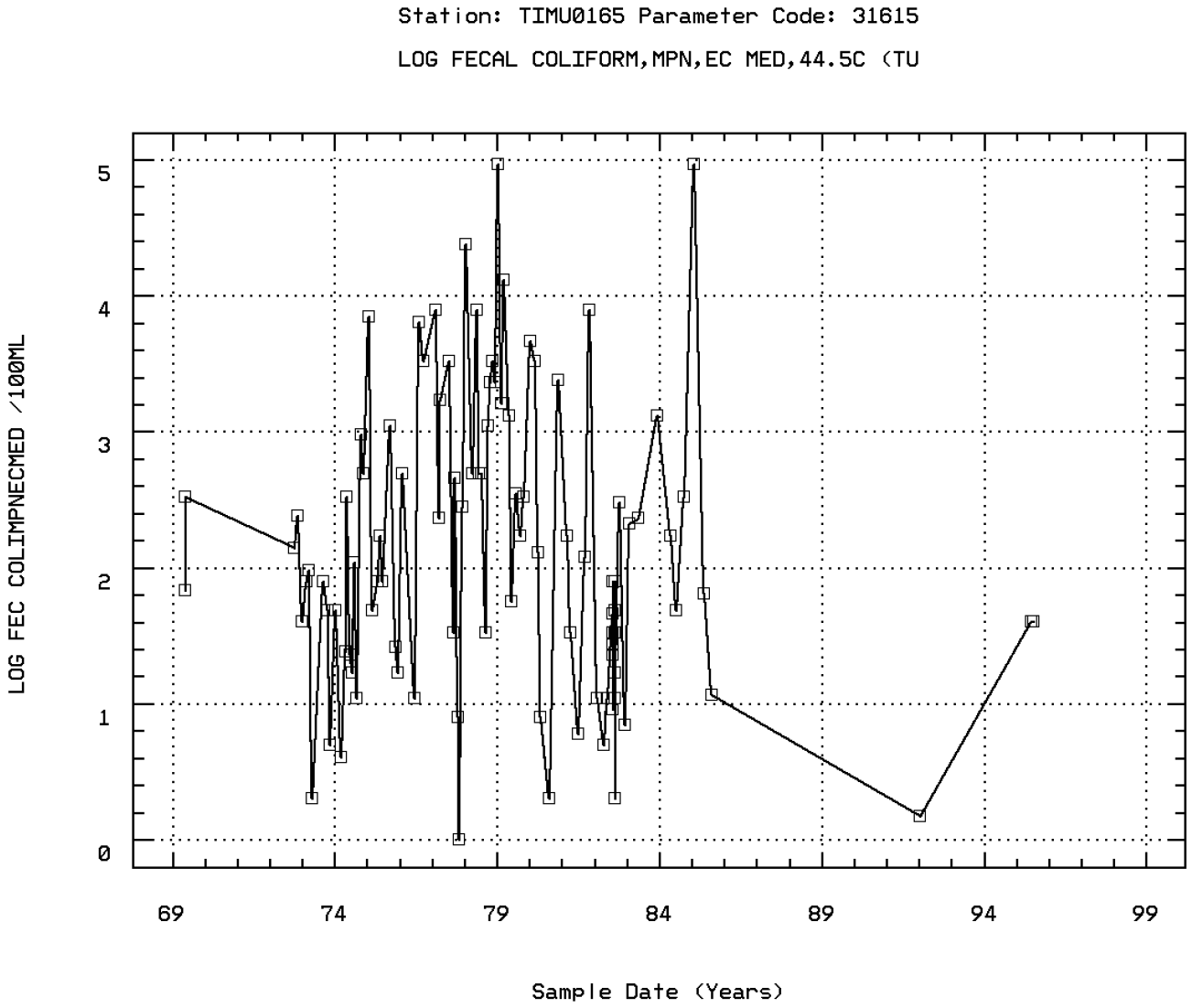
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



AMELIA RIVER AT CM 1



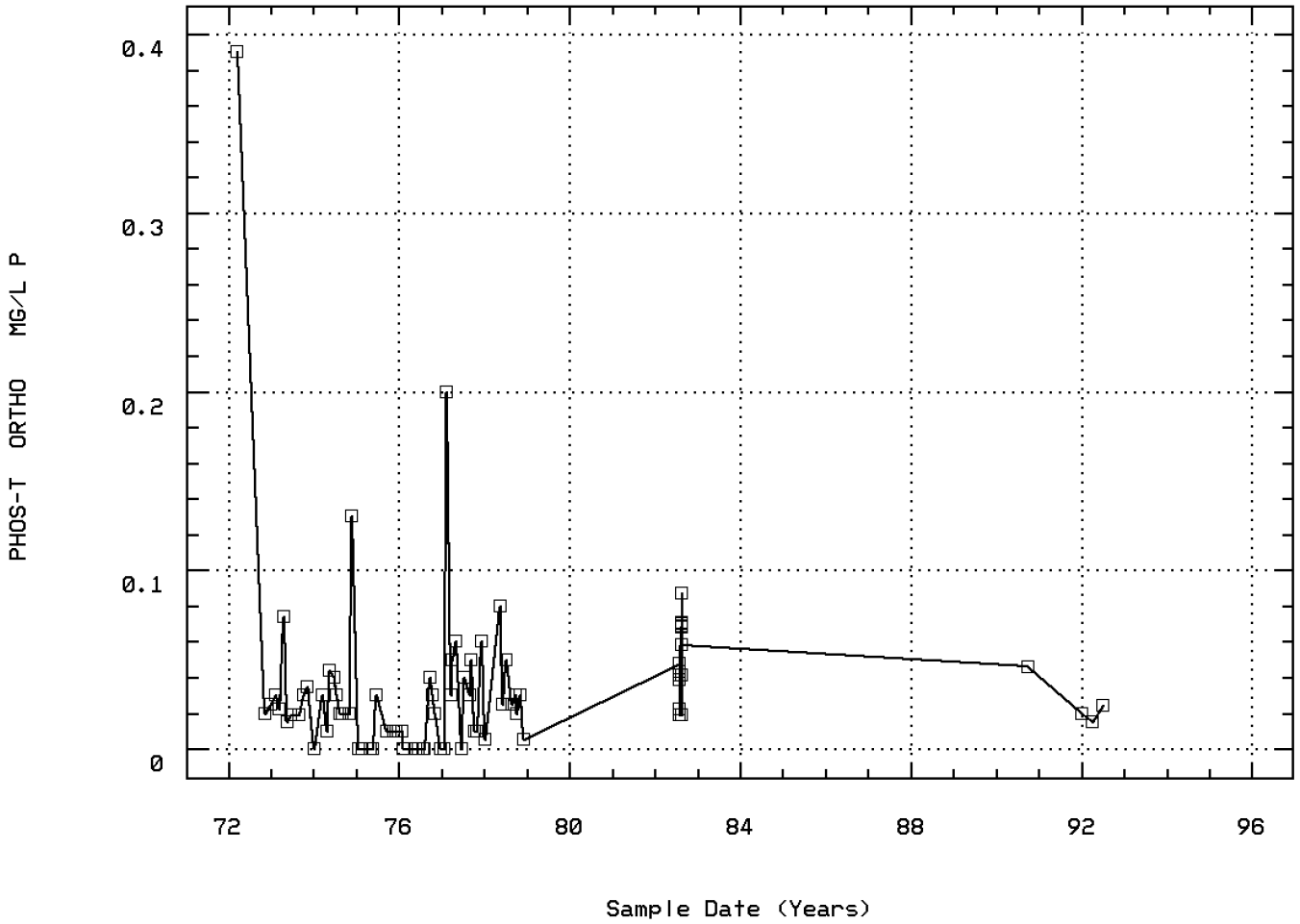
AMELIA RIVER AT CM 1



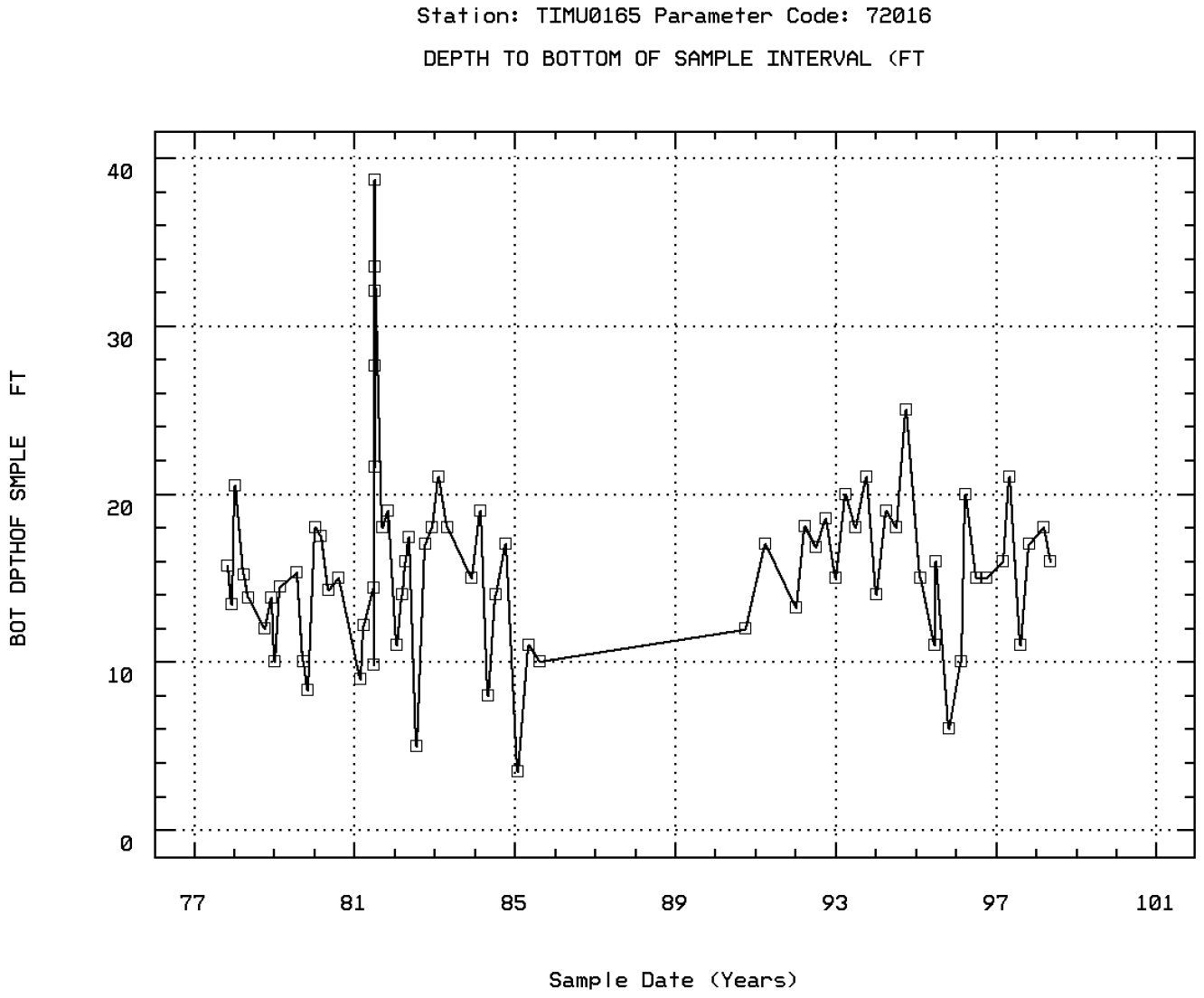
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



AMELIA RIVER AT CM 1



AMELIA RIVER AT CM 1

Annual Analysis for 1969 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	8	0.	1.25	5.	0.	5.357	2.315	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	3	26.	27.	30.	25.	7.	2.646	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	3	0.1	0.2	0.5	0.	0.07	0.265	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.125	7.125	7.3	7.	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	2	25.	25.	28.	22.	18.	4.243	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	2	18.5	18.5	19.	18.	0.5	0.707	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	7	2800.	3432.857	7900.	330.	5784557.143	2405.111	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	7	3.447	3.403	3.898	2.519	0.189	0.435	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2529.314								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	2	199.	199.	330.	68.	34322.	185.262	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	2	2.176	2.176	2.519	1.833	0.235	0.485	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			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 1972 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	4	3.	3.	6.	0.	8.667	2.944	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	25.	23.8	28.	17.2	27.36	5.231	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	33500.	34750.	40000.	32000.	14250000.	3774.917	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	4	5.5	4.75	5.7	2.3	2.677	1.636	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.44	7.44	7.68	7.2	0.115	0.339	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.377	7.377	7.68	7.2	0.123	0.351	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	2	0.042	0.042	0.063	0.021	0.001	0.03	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	67.	64.25	71.	52.	70.25	8.382	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	26.	24.5	32.	14.	81.	9.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	35.	39.75	57.	32.	134.25	11.587	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	3	0.08	0.167	0.38	0.04	0.035	0.186	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	2	0.335	0.335	0.59	0.08	0.13	0.361	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	4	2625.	2625.	4900.	350.	6900833.333	2626.944	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	4	3.117	3.117	3.69	2.544	0.438	0.662	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1309.58								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	140.	173.333	240.	140.	3333.333	57.735	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	2.146	2.224	2.38	2.146	0.018	0.135	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			167.554								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	2	0.205	0.205	0.39	0.02	0.068	0.262	**	**	**	**

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

Annual Analysis for 1973 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	10	10.	8.2	10.	4.	5.733	2.394	4.2	6.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	9	21.	20.933	28.	8.	41.353	6.431	8.	16.7	26.25	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	9	42000.	39944.444	46000.	27000.	34402777.778	5865.388	27000.	37000.	44000.	46000.
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	9	3.6	3.533	9.3	0.3	6.82	2.612	0.3	1.4	4.35	9.3
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	9	7.3	7.189	7.7	6.5	0.231	0.481	6.5	6.65	7.65	7.7
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	9	7.3	6.95	7.7	6.5	0.295	0.543	6.5	6.65	7.65	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	9	0.05	0.112	0.316	0.02	0.015	0.123	0.02	0.023	0.237	0.316
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	9	50.	44.889	85.	10.	627.361	25.047	10.	18.5	61.	85.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	10	17.5	15.	28.	1.	97.111	9.854	1.3	4.	24.5	27.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	9	31.	28.667	57.	6.	263.25	16.225	6.	13.5	39.	57.

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Annual Analysis for 1973 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	2	0.03	0.03	0.06	0.	0.002	0.042	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	8	0.	0.129	0.76	0.	0.07	0.264	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	7	0.065	0.066	0.15	0.023	0.002	0.043	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	8	3550.	10682.5	35000.	330.	172718764.286	13142.251	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	8	3.516	3.557	4.544	2.519	0.633	0.796	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3604.566								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	7	49.	49.857	95.	2.	1356.143	36.826	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	7	1.69	1.438	1.978	0.301	0.441	0.664	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.409								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	9	0.025	0.03	0.074	0.015	0.	0.018	0.015	0.019	0.033	0.074

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Annual Analysis for 1974 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	16	2.	3.438	10.	0.	13.196	3.633	0.	1.	6.5	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	8	25.	24.5	30.	17.5	20.5	4.528	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	10	32500.	32000.	44000.	20000.	58888888.889	7673.91	20300.	26000.	38000.	43700.
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	10	2.9	2.69	5.3	0.6	1.905	1.38	0.66	1.425	3.375	5.16
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.62	7.44	7.8	6.9	0.227	0.476	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.62	7.258	7.8	6.9	0.277	0.526	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	3	0.024	0.055	0.126	0.016	0.004	0.061	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	10	41.5	56.	142.	5.	2123.111	46.077	6.	18.75	97.5	139.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	10	9.5	10.9	30.	0.	88.322	9.398	0.1	4.	17.5	29.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	10	34.5	45.1	112.	4.	1373.211	37.057	4.5	17.25	80.	110.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	9	0.08	0.112	0.4	0.	0.017	0.132	0.	0.01	0.19	0.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	6	0.	0.023	0.1	0.	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	7	0.06	0.067	0.13	0.01	0.003	0.05	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	10	490.	2181.	13000.	110.	15440898.889	3929.491	122.	305.	2100.	12030.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	10	2.69	2.906	4.114	2.041	0.377	0.614	2.073	2.479	3.302	4.054
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			805.034								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	10	36.5	200.8	950.	4.	96036.178	309.897	4.7	15.5	370.	904.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	10	1.535	1.753	2.978	0.602	0.605	0.778	0.646	1.183	2.561	2.949
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.674								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	10	0.025	0.034	0.13	0.	0.001	0.036	0.001	0.018	0.041	0.121

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Annual Analysis for 1975 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	10	8.5	7.5	10.	2.	6.944	2.635	2.3	5.	9.25	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	9	19.	21.167	28.	15.	24.5	4.95	15.	17.	26.25	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	8	33700.	33800.	42000.	30000.	14434285.714	3799.248	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	9	2.9	2.9	6.6	0.	4.365	2.089	0.	1.1	4.3	6.6
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	7	7.2	7.286	7.8	6.8	0.108	0.329	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	7	7.2	7.187	7.8	6.8	0.119	0.346	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	7	0.063	0.065	0.158	0.016	0.002	0.047	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	8	102.	88.75	176.	1.	3319.071	57.611	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	8	15.5	18.875	45.	6.	132.411	11.507	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	8	91.	84.	131.	11.	1316.571	36.285	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	7	0.138	0.2	0.53	0.	0.045	0.212	**	**	**	**

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Annual Analysis for 1975 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	8	0.	0.013	0.09	0.	0.001	0.032	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	8	0.795	0.749	1.31	0.09	0.141	0.375	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	7	0.013	0.026	0.07	0.	0.001	0.032	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	8	3300.	4498.75	14000.	490.	18654298.214	4319.062	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	8	3.519	3.478	4.146	2.69	0.196	0.443	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3009.184								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	8	79.	1065.	7000.	17.	5882992.571	2425.488	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	8	1.898	2.156	3.845	1.23	0.771	0.878	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			143.211								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	8	0.005	0.008	0.03	0.	0.	0.01	**	**	**	**

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Annual Analysis for 1976 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	11	7.	7.091	11.	2.	7.291	2.7	2.4	5.	9.	10.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	10	23.	21.01	28.	11.5	45.257	6.727	11.65	13.	27.15	27.96
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	9	0.7	0.739	1.	0.5	0.032	0.18	0.5	0.6	0.9	1.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	10	45.	67.	190.	30.	2512.222	50.122	31.	40.	75.	183.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	10	35500.	35800.	43000.	31000.	16400000.	4049.691	31100.	32000.	38250.	42900.
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	6	2.5	3.	7.5	0.	9.9	3.146	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	9	7.1	7.172	8.2	6.6	0.212	0.46	6.6	6.85	7.325	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	9	7.1	7.013	8.2	6.6	0.241	0.49	6.6	6.85	7.325	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	9	0.079	0.097	0.251	0.006	0.006	0.078	0.006	0.047	0.15	0.251
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	9	63.	61.556	118.	18.	905.278	30.088	18.	41.	81.	118.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	8	10.	9.5	16.	1.	28.	5.292	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	8	49.5	52.5	102.	17.	771.714	27.78	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	10	0.13	0.195	0.67	0.	0.044	0.211	0.002	0.035	0.298	0.644
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	9	0.01	0.018	0.06	0.005	0.	0.017	0.005	0.008	0.023	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	9	0.55	0.604	1.02	0.18	0.08	0.283	0.18	0.375	0.86	1.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	9	0.08	0.08	0.15	0.01	0.002	0.044	0.01	0.045	0.115	0.15
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	4	85500.	102872.5	240000.	490.13663411691.667		116890.597	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	4	4.623	4.329	5.38	2.69	1.546	1.244	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21329.467								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	4	1895.	2550.25	6400.	11.	8691706.917	2948.17	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	4	3.104	2.764	3.806	1.041	1.543	1.242	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			580.859								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	10	0.	0.01	0.04	0.	0.	0.015	0.	0.	0.023	0.039

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Annual Analysis for 1977 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	14	4.	4.429	10.	0.	9.033	3.005	0.	3.25	5.25	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	11	23.	22.364	31.6	6.5	67.323	8.205	7.2	18.5	29.8	31.46
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	10	0.7	0.705	1.	0.4	0.038	0.195	0.41	0.538	0.9	0.99
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	12	40.	42.083	60.	20.	247.538	15.733	20.	27.5	60.	60.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	11	37000.	37400.	45900.	29500.	34170000.	5845.511	29600.	31500.	42500.	45720.
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	9	4.8	5.678	8.7	3.8	3.472	1.863	3.8	4.35	7.7	8.7
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	10	7.37	7.07	7.6	5.7	0.485	0.696	5.715	6.788	7.5	7.59
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	10	7.37	6.426	7.6	5.7	0.946	0.972	5.715	6.787	7.5	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	10	0.043	0.375	1.995	0.025	0.51	0.714	0.026	0.032	0.413	1.937
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	12	52.	56.083	162.	10.	1974.083	44.431	11.8	19.25	75.5	144.9

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Annual Analysis for 1977 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	11	8.	9.091	28.	3.	55.891	7.476	3.2	4.	11.	25.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	11	52.	51.182	134.	12.	1413.964	37.603	12.8	16.	60.	126.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	12	0.208	0.2	0.41	0.005	0.024	0.155	0.005	0.045	0.345	0.41
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	12	0.02	0.064	0.43	0.003	0.015	0.121	0.003	0.003	0.085	0.331
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	12	0.69	1.105	3.8	0.28	1.341	1.158	0.28	0.428	1.03	3.629
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	11	0.06	0.076	0.21	0.005	0.004	0.061	0.006	0.01	0.1	0.194
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	9	2300.	9184.111	35000.	4.	168465879.111	12979.441	4.	131.5	20500.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	9	3.362	3.046	4.544	0.602	1.818	1.348	0.602	1.94	4.305	4.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1111.987								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	9	280.	1545.778	7900.	1.	6878649.194	2622.718	1.	20.5	2500.	7900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	9	2.447	2.282	3.898	0.	1.614	1.27	0.	1.211	3.374	3.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			191.516								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	12	0.035	0.045	0.2	0.	0.003	0.054	0.	0.01	0.058	0.158

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

Annual Analysis for 1978 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	11	6.	5.727	10.	0.	7.018	2.649	0.4	6.	7.	9.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	9	22.	22.044	30.	11.	38.748	6.225	11.	17.8	28.25	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	10	0.825	0.824	0.95	0.6	0.01	0.102	0.614	0.785	0.9	0.945
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	10	50.	45.	60.	20.	227.778	15.092	20.	35.	60.	60.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	8	33250.	33262.5	38500.	29500.	9054107.143	3009.004	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	10	6.2	6.53	8.7	3.5	3.118	1.766	3.66	5.25	8.2	8.68
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	7	7.7	7.679	7.95	7.4	0.041	0.202	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	7	7.7	7.639	7.95	7.4	0.043	0.206	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	7	0.02	0.023	0.04	0.011	0.	0.011	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	10	44.	51.9	122.	21.	1102.544	33.205	21.4	28.	64.	119.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	10	7.	8.	15.	3.	14.444	3.801	3.1	6.25	9.5	14.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	10	37.	43.9	107.	14.	900.544	30.009	14.3	23.75	54.5	104.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	10	0.155	0.268	1.	0.005	0.111	0.333	0.005	0.005	0.55	0.958
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	9 ##	0.003	0.025	0.1	0.003	0.001	0.035	0.003	0.003	0.05	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	7	1.12	1.125	2.18	0.005	0.41	0.64	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	8	0.085	0.073	0.14	0.01	0.002	0.05	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	10	3300.	27617.9	240000.	79.	5579554692.989	74696.417	141.1	1450.	8675.	217100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	10	3.519	3.554	5.38	1.898	0.785	0.886	1.992	3.134	3.934	5.246
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3579.433								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	10	1700.	4240.3	24000.	33.	53556660.9	7318.242	78.7	490.	4450.	22390.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	10	3.202	3.115	4.38	1.519	0.621	0.788	1.636	2.69	3.613	4.332
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1303.258								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	9	0.025	0.03	0.08	0.005	0.001	0.023	0.005	0.013	0.04	0.08

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Annual Analysis for 1979 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	11	5.	5.091	10.	2.	3.691	1.921	2.4	4.	5.	9.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	8	23.55	21.138	30.1	11.	59.611	7.721	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	9	0.85	0.806	1.	0.6	0.025	0.159	0.6	0.65	0.95	1.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	9	40.	55.556	160.	20.	1752.778	41.866	20.	30.	60.	160.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	6	34800.	34683.333	38500.	29000.	12545666.667	3541.986	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	9	6.2	5.978	7.9	3.3	2.329	1.526	3.3	4.75	7.25	7.9
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**

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Annual Analysis for 1979 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	9	42.	53.667	102.	23.	783.	27.982	23.	30.	78.5	102.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	9	9.	8.556	15.	4.	11.278	3.358	4.	5.5	10.5	15.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	9	36.	45.111	87.	18.	629.111	25.082	18.	23.5	68.	87.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	6	0.135	0.249	0.71	0.005	0.079	0.282	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	9 ##	0.003	0.038	0.19	0.003	0.004	0.062	0.003	0.003	0.06	0.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	9	1.51	1.34	1.94	0.65	0.244	0.494	0.65	0.865	1.835	1.94
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	9	0.05	0.081	0.18	0.03	0.003	0.054	0.03	0.045	0.13	0.18
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	8	2850.	32947.5	160000.	490.	3629970307.143	60249.235	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	8	3.449	3.661	5.204	2.69	0.86	0.928	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4579.986								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	8	825.	13600.75	92000.	56.	1022524318.786	31976.934	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	8	2.829	3.055	4.964	1.748	1.104	1.051	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1134.036								

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Annual Analysis for 1980 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	6	9.	8.667	10.	7.	1.067	1.033	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	6	20.7	19.6	28.5	11.2	44.496	6.671	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	5	0.8	0.68	0.85	0.4	0.038	0.196	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	6	37.5	44.167	80.	20.	484.167	22.004	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	36000.	35400.	37800.	31800.	7146666.667	2673.325	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	5	6.6	6.62	8.	4.9	1.277	1.13	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	6	60.	69.333	150.	31.	2004.267	44.769	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	6	17.	16.167	22.	9.	31.767	5.636	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	6	43.	53.167	128.	13.	1850.567	43.018	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	6	0.215	0.238	0.61	0.02	0.04	0.201	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	5	0.06	0.065	0.12	0.005	0.002	0.043	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	6	0.745	0.718	1.14	0.2	0.21	0.458	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	6	0.19	0.267	0.75	0.05	0.061	0.246	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	6	1595.	3047.5	11000.	95.	16609917.5	4075.527	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	6	3.139	3.11	4.041	1.978	0.501	0.708	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1288.53								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	6	1265.	1740.	4600.	2.	3932273.6	1982.996	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	6	2.747	2.313	3.663	0.301	2.098	1.448	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			205.711								

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Annual Analysis for 1981 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	16	10.	9.188	18.	3.	23.896	4.888	3.	4.25	12.75	16.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	12	25.5	23.95	27.9	16.2	14.566	3.817	16.59	21.25	26.075	27.54
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	5	0.7	0.76	1.	0.6	0.023	0.152	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	5	40.	40.	50.	30.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	2	36000.	36000.	40000.	32000.	32000000.	5656.854	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	12	4.65	4.575	6.8	2.9	1.698	1.303	2.93	3.375	5.425	6.74

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Annual Analysis for 1981 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	10	7.41	7.382	7.91	7.05	0.063	0.251	7.055	7.175	7.505	7.874
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	10	7.41	7.324	7.91	7.05	0.067	0.258	7.055	7.175	7.505	7.874
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	10	0.039	0.047	0.089	0.012	0.001	0.024	0.014	0.031	0.067	0.088
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	6	125.	120.333	143.	87.	558.667	23.636	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	6	15.	16.333	22.	13.	11.867	3.445	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	6	108.	104.	129.	72.	477.6	21.854	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	6	0.35	0.413	0.9	0.21	0.063	0.25	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	6	0.91	1.178	2.28	0.56	0.497	0.705	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	6	0.105	0.153	0.31	0.08	0.009	0.094	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	5	700.	4022.	17000.	220.	52946520.	7276.436	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	5	2.845	3.068	4.23	2.342	0.524	0.724	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1168.754								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	5	120.	1645.8	7900.	6.	12227784.2	3496.825	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	5	2.079	2.101	3.898	0.778	1.334	1.155	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			126.12								

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Annual Analysis for 1982 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	32	9.5	7.813	10.	2.	7.448	2.729	3.	5.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	23	27.6	25.757	29.9	14.	22.088	4.7	16.54	24.7	28.8	29.44
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	7	0.75	0.666	0.86	0.3	0.05	0.224	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	7	40.	42.857	80.	10.	423.81	20.587	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	5	32000.	33260.	42200.	28200.	29738000.	5453.256	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	23	4.6	4.822	7.9	2.7	2.236	1.495	2.8	3.8	5.7	7.1
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	21	7.6	7.613	8.32	6.5	0.181	0.426	6.96	7.45	7.9	8.12
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	21	7.6	7.363	8.32	6.5	0.247	0.497	6.96	7.45	7.9	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	21	0.025	0.043	0.316	0.005	0.005	0.068	0.008	0.013	0.036	0.11
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	7	103.	91.286	116.	20.	1066.571	32.658	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	7	12.	12.	18.	4.	25.	5.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	7	91.	79.286	98.	16.	826.238	28.744	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	23	0.17	0.227	1.1	0.005	0.064	0.254	0.005	0.04	0.32	0.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	23	0.83	1.055	2.99	0.1	0.506	0.711	0.354	0.56	1.55	2.142
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	23	0.257	0.25	0.388	0.044	0.009	0.093	0.091	0.218	0.319	0.355
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	20	230.	646.5	2400.	5.	683733.737	826.882	9.2	32.25	1430.	2330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	20	2.361	2.247	3.38	0.699	0.753	0.868	0.963	1.494	3.144	3.365
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			176.732								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	20	20.	42.75	300.	2.	4290.197	65.5	5.2	11.	48.25	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	20	1.296	1.348	2.477	0.301	0.248	0.498	0.714	1.041	1.683	1.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.305								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	16	0.048	0.049	0.087	0.019	0.	0.02	0.019	0.04	0.069	0.076

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Annual Analysis for 1983 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	9	7.	9.	21.	0.	61.5	7.842	0.	1.5	17.	21.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	3	20.	19.3	24.	13.9	25.87	5.086	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	3	0.8	0.833	1.	0.7	0.023	0.153	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	3	20.	40.	80.	20.	1200.	34.641	**	**	**	**

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Annual Analysis for 1983 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	2	33900.	33900.	44800.	23000.	237620000.	15414.928	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	3	7.4	7.233	8.3	6.	1.343	1.159	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.6	7.617	7.85	7.4	0.051	0.225	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.6	7.579	7.85	7.4	0.053	0.23	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	3	0.025	0.026	0.04	0.014	0.	0.013	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	2 ##	0.068	0.068	0.13	0.005	0.008	0.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	3	0.61	0.527	0.95	0.02	0.221	0.471	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	3	0.079	0.08	0.14	0.021	0.004	0.06	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	3	1300.	2176.667	4900.	330.	5797633.333	2407.828	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	3	3.114	3.108	3.69	2.519	0.343	0.586	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1281.006								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	230.	580.	1300.	210.	388900.	623.618	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	2.362	2.599	3.114	2.322	0.199	0.446	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			397.463								

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Annual Analysis for 1984 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	8	7.5	7.25	14.	3.	11.929	3.454	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	23.25	23.25	30.	16.5	30.417	5.515	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	4	0.71	0.655	0.9	0.3	0.065	0.255	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	45.	57.5	100.	40.	825.	28.723	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	43000.	42075.	48200.	34100.	34702500.	5890.883	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	4	6.05	6.05	6.8	5.3	0.657	0.81	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	98.5	111.75	159.	91.	1032.917	32.139	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	15.	15.	26.	4.	83.333	9.129	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	88.	96.75	133.	78.	606.25	24.622	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	4 ##	0.135	0.235	0.64	0.03	0.083	0.288	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	4	0.965	0.973	1.35	0.61	0.131	0.362	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	4	0.101	0.114	0.208	0.044	0.006	0.079	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	3	790.	1440.	3300.	230.	2673100.	1634.962	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	3	2.898	2.926	3.519	2.362	0.335	0.579	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			843.25								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	170.	183.	330.	49.	19867.	140.95	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	2.23	2.146	2.519	1.69	0.177	0.421	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			140.083								

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Annual Analysis for 1985 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	7	4.	3.857	7.	1.	5.143	2.268	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	3	26.1	21.733	29.1	10.	105.503	10.271	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	3	0.75	0.737	0.85	0.61	0.015	0.121	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	3	40.	46.667	70.	30.	433.333	20.817	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	3	45100.	44733.333	46200.	42900.	2823333.333	1680.278	**	**	**	**

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Annual Analysis for 1985 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	3	4.5	5.767	8.9	3.9	7.453	2.73	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.3	6.9	7.5	5.9	0.76	0.872	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.3	6.35	7.5	5.9	1.214	1.102	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	3	0.05	0.447	1.259	0.032	0.495	0.703	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	3	21.	21.	28.	14.	49.	7.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	3	4.	5.	7.	4.	3.	1.732	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	3	14.	16.	24.	10.	52.	7.211	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	3	0.15	0.773	2.14	0.03	1.404	1.185	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	3	1.74	1.523	2.29	0.54	0.801	0.895	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	3	0.061	0.079	0.13	0.047	0.002	0.044	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	3	1700.	80577.667	240000.	33.19062304	996.333	138066.307	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	3	3.23	3.376	5.38	1.519	3.744	1.935	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2378.983								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	64.	30691.833	92000.	11.52819	019164.083	53094.436	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	3	1.806	2.61	4.964	1.061	4.293	2.072	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			407.588								

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Annual Analysis for 1990 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	3	6.	6.067	12.	0.2	34.813	5.9	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	1	48300.	48300.	48300.	48300.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.31	7.31	7.31	7.31	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.31	7.31	7.31	7.31	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	1	0.049	0.049	0.049	0.049	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**

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Annual Analysis for 1991 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	3	9.	6.067	9.	0.2	25.813	5.081	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	1	40200.	40200.	40200.	40200.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.83	7.83	7.83	7.83	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	1	7.83	7.83	7.83	7.83	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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Annual Analysis for 1991 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	1	0.088	0.088	0.088	0.088	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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Annual Analysis for 1992 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	11	8.	6.055	9.	0.2	14.689	3.833	0.2	0.2	9.	9.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	19.95	20.45	28.	13.9	39.27	6.267	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	4	0.8	0.825	1.1	0.6	0.049	0.222	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	45.	57.5	120.	20.	1891.667	43.493	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	42250.	38475.	45000.	24400.	90009166.667	9487.316	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	4	6.95	6.65	8.	4.7	2.137	1.462	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.8	7.667	7.8	7.4	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.8	7.623	7.8	7.4	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	3	0.016	0.024	0.04	0.016	0.	0.014	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	28.5	26.25	39.	9.	194.25	13.937	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	5.5	5.5	8.	3.	5.667	2.38	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	23.	20.75	31.	6.	134.917	11.615	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	4	0.132	0.13	0.19	0.064	0.004	0.065	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	4	0.93	0.863	1.2	0.39	0.116	0.34	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	4	0.096	0.097	0.13	0.065	0.001	0.027	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	1	67.	67.	67.	67.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	1	1.826	1.826	1.826	1.826	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	3 ##	0.02	0.02	0.025	0.015	0.	0.005	**	**	**	**

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

Annual Analysis for 1993 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	12	8.5	6.4	11.	0.2	21.876	4.677	0.2	0.2	10.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	3	28.	24.333	28.	17.	40.333	6.351	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	4	0.75	0.763	1.1	0.45	0.086	0.293	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	45.	45.	50.	40.	33.333	5.774	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	41750.	41775.	47500.	36100.	27862500.	5278.494	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	4	6.6	6.55	7.7	5.3	0.97	0.985	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.45	7.525	7.9	7.3	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.447	7.474	7.9	7.3	0.073	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	4	0.036	0.034	0.05	0.013	0.	0.016	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	29.5	31.25	48.	18.	227.583	15.086	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	6.	6.	9.	3.	8.667	2.944	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	23.5	25.25	39.	15.	148.25	12.176	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	4	0.073	0.072	0.092	0.049	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	4	0.615	0.69	1.	0.53	0.046	0.214	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	4	0.092	0.093	0.13	0.057	0.001	0.038	**	**	**	**

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Annual Analysis for 1994 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	11	7.	6.345	13.	0.2	27.425	5.237	0.2	0.2	10.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	23.5	21.175	28.	9.7	74.783	8.648	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	3	0.8	0.833	1.	0.7	0.023	0.153	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	40.	42.5	50.	40.	25.	5.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	42300.	42525.	44000.	41500.	1275833.333	1129.528	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	4	6.5	6.5	8.2	4.8	1.987	1.409	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.55	7.575	7.7	7.5	0.009	0.096	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.547	7.567	7.7	7.5	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	4	0.028	0.027	0.032	0.02	0.	0.006	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	35.	32.5	45.	15.	191.	13.82	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	6.	5.75	8.	3.	4.917	2.217	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	29.	26.75	37.	12.	134.917	11.615	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	3	0.036	0.066	0.13	0.031	0.003	0.056	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	3	0.5	0.63	0.93	0.46	0.068	0.261	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	3	0.06	0.063	0.073	0.057	0.	0.009	**	**	**	**

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Annual Analysis for 1995 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	12	6.	5.567	16.	0.2	22.573	4.751	0.2	0.2	8.	13.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	23.85	22.7	30.	13.1	50.407	7.1	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	2	1.	1.	1.2	0.8	0.08	0.283	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	50.	52.5	60.	50.	25.	5.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	39950.	39975.	41800.	38200.	2362500.	1537.043	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	2	6.6	6.6	8.1	5.1	4.5	2.121	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.555	7.553	7.7	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.547	7.536	7.7	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	4	0.028	0.029	0.04	0.02	0.	0.009	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	21.	19.75	31.	6.	116.917	10.813	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	4.5	4.25	6.	2.	2.917	1.708	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	16.	15.5	26.	4.	87.	9.327	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	4	0.225	0.208	0.32	0.062	0.015	0.123	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	4	0.735	0.732	0.84	0.62	0.009	0.097	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	4	0.077	0.079	0.089	0.075	0.	0.007	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2400.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	2	40.	40.	40.	40.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	2	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.								

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Annual Analysis for 1996 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	12	6.5	5.233	10.	0.2	16.137	4.017	0.2	0.2	8.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	21.85	20.9	28.1	11.8	61.167	7.821	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	4	1.05	1.013	1.2	0.75	0.037	0.193	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	40.	40.	50.	30.	66.667	8.165	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	42450.	41950.	44600.	38300.	7990000.	2826.659	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	4	6.05	6.25	7.6	5.3	0.95	0.975	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.33	7.39	7.62	7.22	0.043	0.207	**	**	**	**

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Annual Analysis for 1996 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	3	7.33	7.36	7.62	7.22	0.044	0.21	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	3	0.047	0.044	0.06	0.024	0.	0.018	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	20.5	23.75	42.	12.	164.25	12.816	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	3	16.	14.	17.	9.	19.	4.359	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	4	0.27	0.273	0.42	0.13	0.014	0.118	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	4	0.64	0.66	0.88	0.48	0.038	0.196	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	4	0.091	0.142	0.33	0.056	0.016	0.128	**	**	**	**

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Annual Analysis for 1997 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	12	7.	5.733	11.	0.2	19.064	4.366	0.2	0.2	9.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	4	21.15	22.55	28.3	19.6	16.443	4.055	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	3	0.9	0.967	1.4	0.6	0.163	0.404	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	4	40.	47.5	80.	30.	558.333	23.629	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	4	40550.	40475.	42600.	38200.	3275833.333	1809.926	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.32	7.325	7.46	7.2	0.016	0.125	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	4	7.313	7.312	7.46	7.2	0.016	0.126	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	4	0.049	0.049	0.063	0.035	0.	0.014	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	20.5	21.75	38.	8.	160.25	12.659	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	4	3.5	3.75	7.	1.	6.25	2.5	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	4	17.	18.	31.	7.	103.333	10.165	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	4	0.185	0.175	0.28	0.05	0.01	0.101	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	4	0.78	0.72	1.	0.32	0.089	0.298	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	4	0.083	0.088	0.15	0.037	0.002	0.047	**	**	**	**

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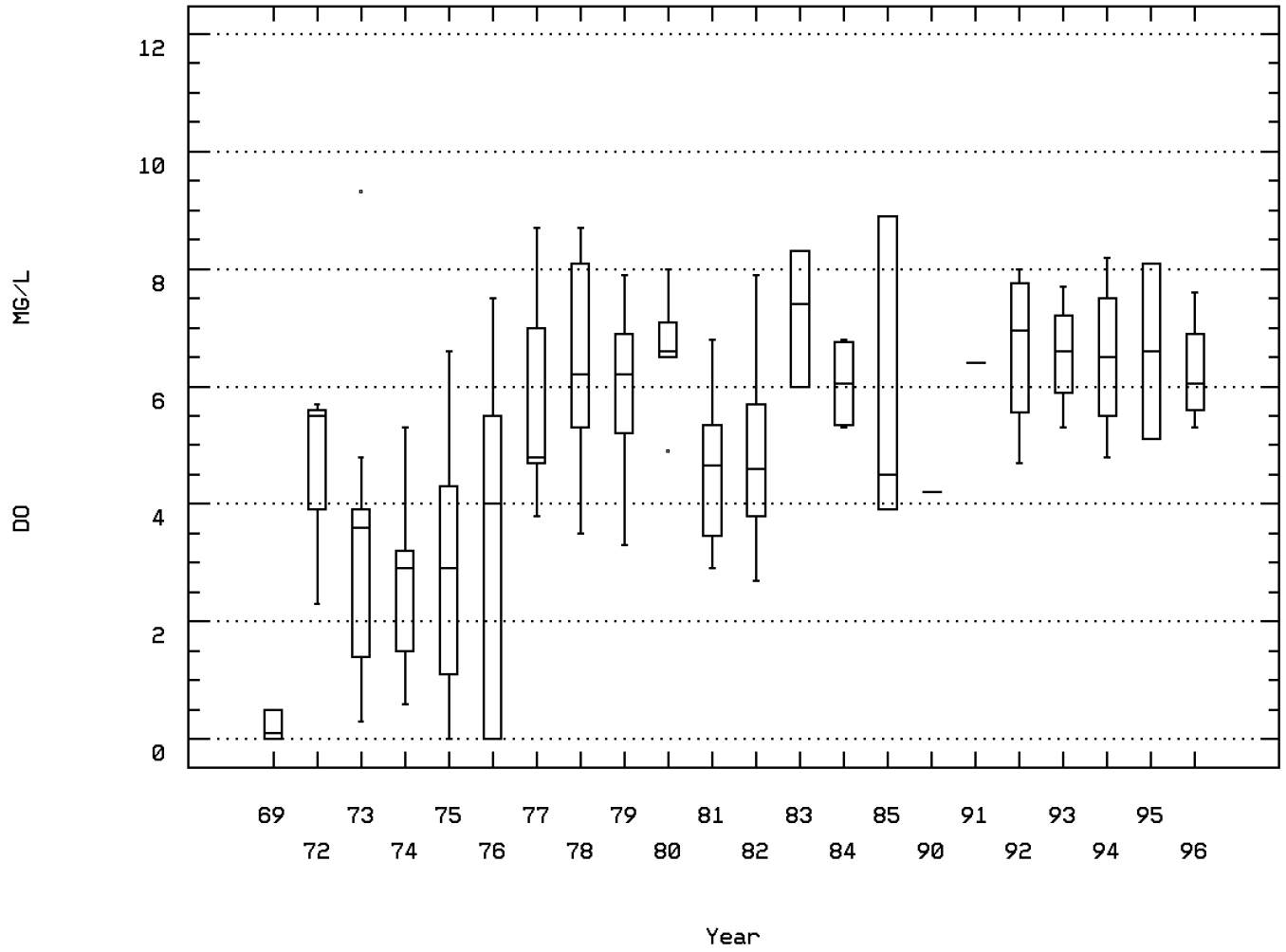
Annual Analysis for 1998 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	6	8.	5.733	9.	0.2	18.571	4.309	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	2	19.	19.	23.8	14.2	46.08	6.788	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	2	90.	90.	120.	60.	1800.	42.426	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	2	34600.	34600.	39300.	29900.	44180000.	6646.804	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.285	7.285	7.36	7.21	0.011	0.106	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	2	7.279	7.279	7.36	7.21	0.011	0.106	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	2	0.053	0.053	0.062	0.044	0.	0.013	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	2	28.5	28.5	38.	19.	180.5	13.435	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	2	1.16	1.16	1.6	0.72	0.387	0.622	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	2	0.093	0.093	0.1	0.085	0.	0.011	**	**	**	**

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Station: TIMU0165 Parameter Code: 00300

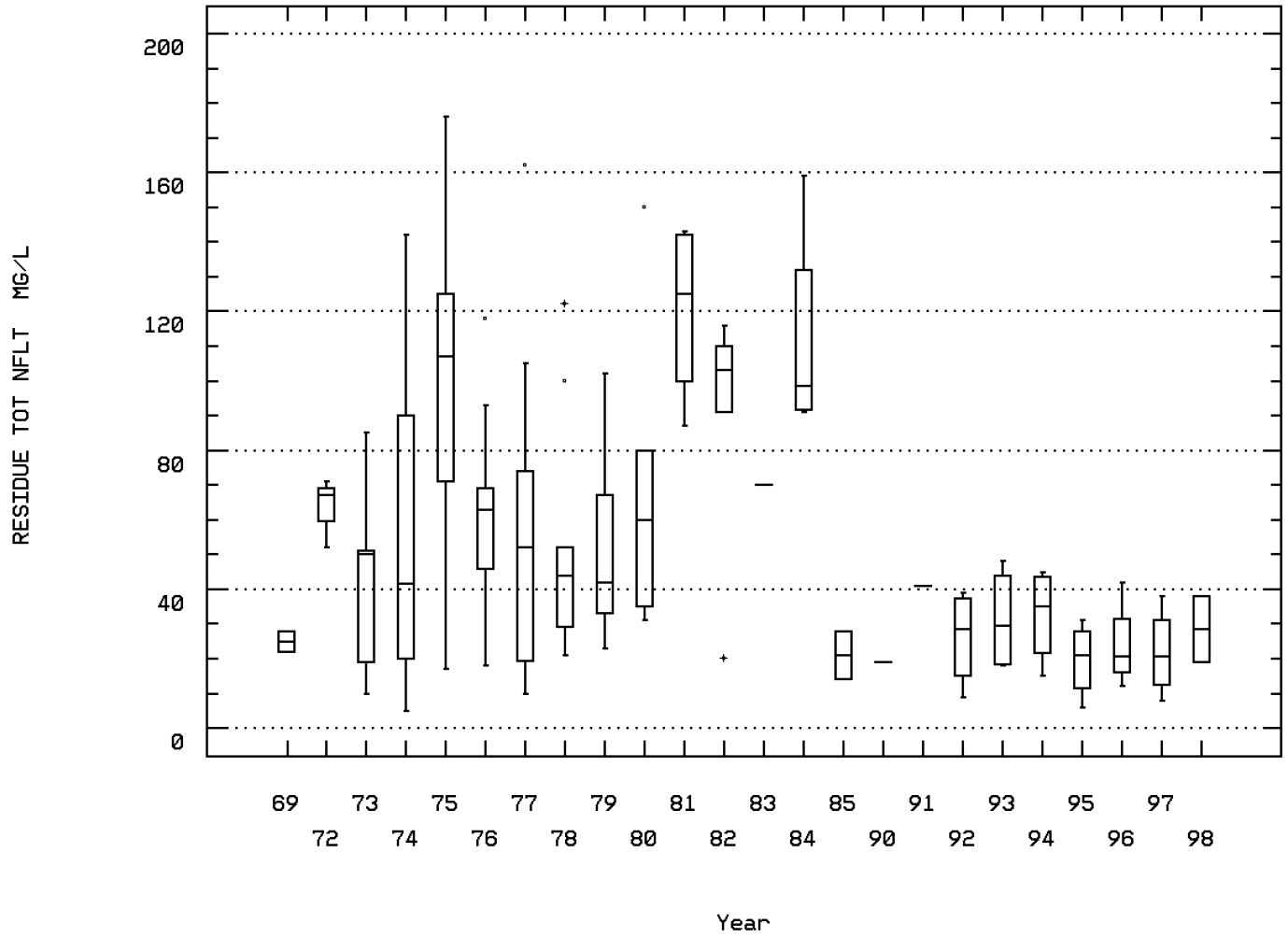
OXYGEN, DISSOLVED



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00530

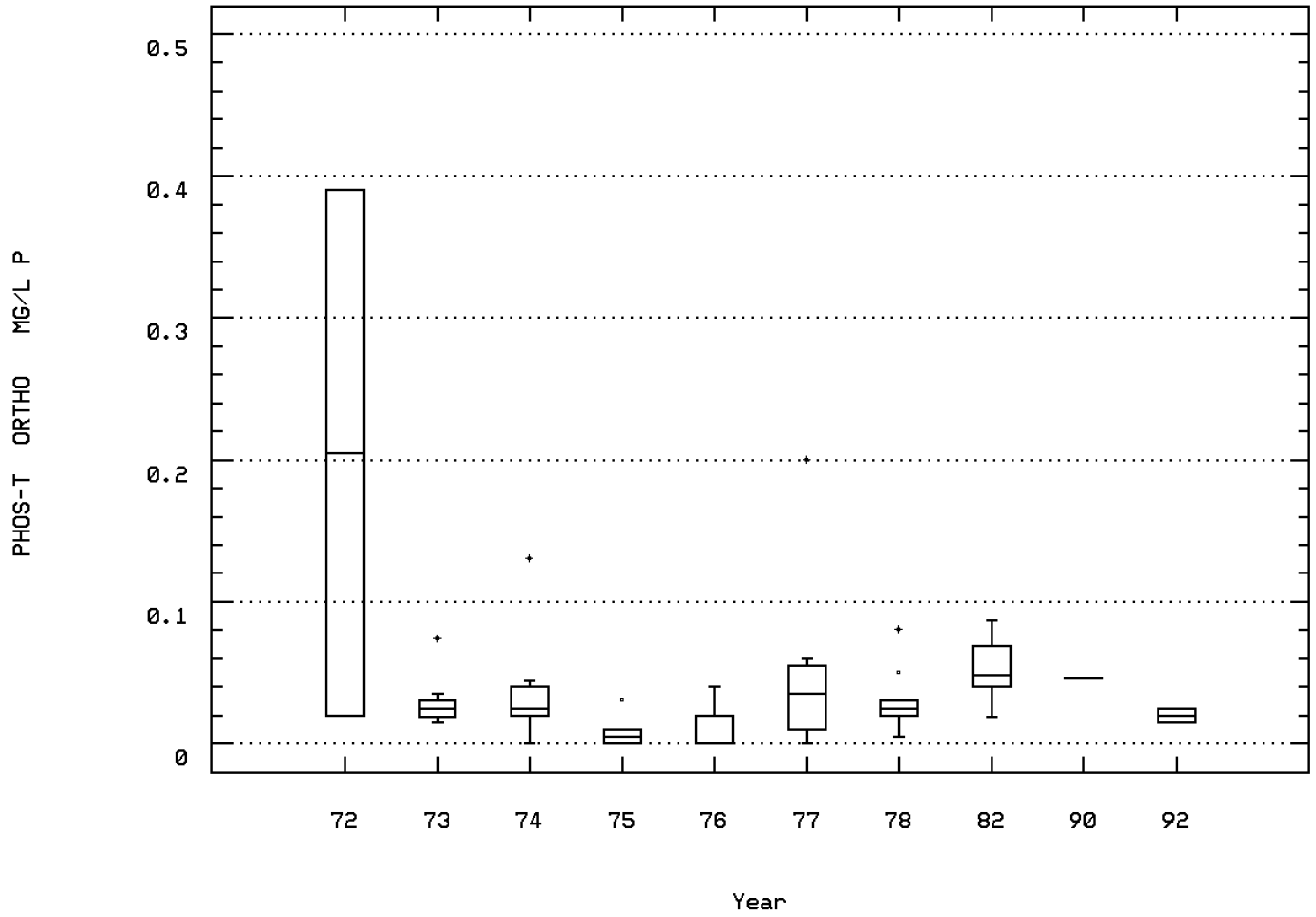
RESIDUE, TOTAL NONFILTRABLE (MG/L)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



AMELIA RIVER AT CM 1

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	166	6.	6.182	19.	0.	17.708	4.208	0.2	2.75	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	98	26.95	26.178	31.6	17.	8.441	2.905	22.45	24.	28.1	29.81
00055p	VELOCITY, STREAM FT/SEC	09/17/75-05/07/98	27	1.	1.078	3.	0.	0.443	0.665	0.28	0.6	1.3	2.06
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/08/75-05/07/98	54	7.7	10.283	36.	1.5	58.681	7.66	3.6	5.15	12.325	22.15
00078p	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	52	0.725	0.752	1.4	0.3	0.041	0.203	0.465	0.625	0.888	1.
00080	COLOR (PLATINUM-COBALT UNITS)	05/23/69-11/18/75	20	47.5	72.25	300.	20.	4917.039	70.122	21.	40.	67.5	196.
00081p	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	57	50.	52.105	160.	20.	617.81	24.856	30.	40.	60.	80.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/75-05/07/98	63	44500.	43160.952	51600.	25900.	29175282.949	5401.415	34600.	40640.	46400.	49740.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	67	39300.	37880.597	48300.	20000.	39307951.153	6269.605	29820.	33000.	42600.	45180.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/76-05/07/98	23	4.8	4.761	7.	0.2	2.277	1.509	3.08	3.9	5.9	6.64
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	88	4.6	4.172	8.5	0.	3.539	1.881	1.1	3.225	5.375	6.71
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/22/69-05/07/98	77	1.3	2.686	30.	0.	21.465	4.633	0.48	0.9	2.5	5.68
00400p	PH (STANDARD UNITS)	05/23/69-05/07/98	80	7.455	7.423	8.32	5.7	0.163	0.403	7.	7.213	7.635	7.895
00400p	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	80	7.455	7.118	8.32	5.7	0.257	0.507	7.	7.212	7.635	7.895
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	80	0.035	0.076	1.995	0.005	0.051	0.225	0.013	0.023	0.061	0.1
00403p	PH, LAB, STANDARD UNITS SU	01/07/74-05/07/98	59	7.7	7.653	8.8	6.3	0.135	0.368	7.3	7.5	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/07/74-05/07/98	59	7.7	7.422	8.8	6.3	0.189	0.435	7.3	7.5	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/74-05/07/98	59	0.02	0.038	0.501	0.002	0.006	0.075	0.01	0.016	0.032	0.05
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/20/72-05/07/98	40	110.5	126.1	1180.	8.	31052.503	176.217	15.	98.	116.5	140.
00480	SALINITY - PARTS PER THOUSAND	05/07/80-05/07/98	42	30.2	30.188	37.	16.	12.094	3.478	26.16	29.375	32.	34.27
00500	RESIDUE, TOTAL (MG/L)	05/23/69-12/08/77	18	36765.	36566.722	45520.	19460.	33916927.507	5823.824	27803.	34625.	39820.25	43657.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/22/69-12/08/77	16	6410.5	9030.25	44500.	3238.	98404590.6	9919.909	3984.9	4822.75	7662.5	25068.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	78	46.5	55.231	159.	1.	1627.634	40.344	16.8	20.	77.75	120.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	76	8.	10.382	32.	0.	56.879	7.542	3.	4.	15.	22.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	73	35.	48.123	133.	4.	1259.776	35.493	11.8	18.	78.	105.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	80	0.135	0.181	0.9	0.	0.033	0.182	0.005	0.037	0.275	0.42
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/18/75-05/02/83	13	0.004	0.009	0.06	0.	0.	0.016	0.	0.	0.011	0.041
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	41	0.01	0.033	0.19	0.	0.002	0.049	0.	0.001	0.045	0.1
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	73	0.72	0.841	2.99	0.005	0.268	0.518	0.332	0.535	1.03	1.458
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/81-05/07/98	44	0.03	0.05	0.58	0.007	0.007	0.086	0.01	0.02	0.06	0.085
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	82	0.1	0.141	0.75	0.	0.015	0.121	0.027	0.059	0.212	0.315
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/07/73-10/02/96	31	8.	9.897	30.	4.	32.412	5.693	4.2	6.	13.	18.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/72-10/01/90	27	17400.	17942.556	34530.	10000.	15938202.641	3992.268	15062.	16080.	19110.	20290.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/73-10/01/90	23	2350.	2041.522	4000.	32.	1283564.534	1132.945	93.2	1900.	2600.	3431.4
00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/75-07/06/92	17	0.92	1.376	2.97	0.58	0.705	0.839	0.668	0.78	1.945	2.946
01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/73-09/06/83	17 ##	0.5	6.847	100.	0.	577.942	24.04	0.	0.175	2.25	24.
01042	COPPER, TOTAL (UG/L AS CU)	10/08/73-09/06/83	17 ##	10.	60.	490.	2.5	16037.5	126.639	2.5	5.	25.	298.
01045	IRON, TOTAL (UG/L AS FE)	01/07/74-09/06/83	17	450.	412.529	573.	50.	19728.765	140.459	194.	325.	500.	554.6
01051	LEAD, TOTAL (UG/L AS PB)	10/08/73-09/06/83	15 ##	5.	25.467	260.	2.5	4282.374	65.44	2.5	5.	12.	125.
01092	ZINC, TOTAL (UG/L AS ZN)	10/08/73-09/06/83	13	80.	87.154	250.	5.	4864.474	69.746	8.2	37.5	130.	218.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/27/73-05/07/98	34	1215.	8126.382	160000.	10.	763867575.88	27638.154	35.	330.	3350.	13500.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/27/73-05/07/98	34	3.084	3.001	5.204	1.	0.867	0.931	1.54	2.519	3.525	4.13
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1002.427								
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	74	1450.	8521.568	240000.	4.	1106742513.893	33267.74	56.	330.	3300.	13500.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	74	3.159	3.008	5.38	0.602	0.842	0.918	1.744	2.519	3.519	4.13
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1018.342								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	19	79.	195.053	1100.	2.	95273.719	308.664	5.	23.	170.	950.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	19	1.898	1.834	3.041	0.301	0.511	0.715	0.699	1.362	2.23	2.978
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			68.264								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	69	68.	649.862	7900.	1.	2665119.764	1632.519	8.	17.	330.	2300.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	69	1.833	1.912	3.898	0.	0.824	0.908	0.903	1.23	2.519	3.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			81.597								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	56	0.03	0.033	0.087	0.	0.001	0.022	0.	0.019	0.048	0.069
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/31/77-05/07/98	42	15.85	16.519	38.7	5.	48.361	6.954	8.75	11.75	18.125	26.82
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	02/07/74-10/01/90	15	2.596	2.183	3.928	0.	1.443	1.201	0.	1.31	3.03	3.571
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	02/07/74-10/01/90	15	17.	14.667	27.	0.	69.81	8.355	0.	7.	21.	25.2

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

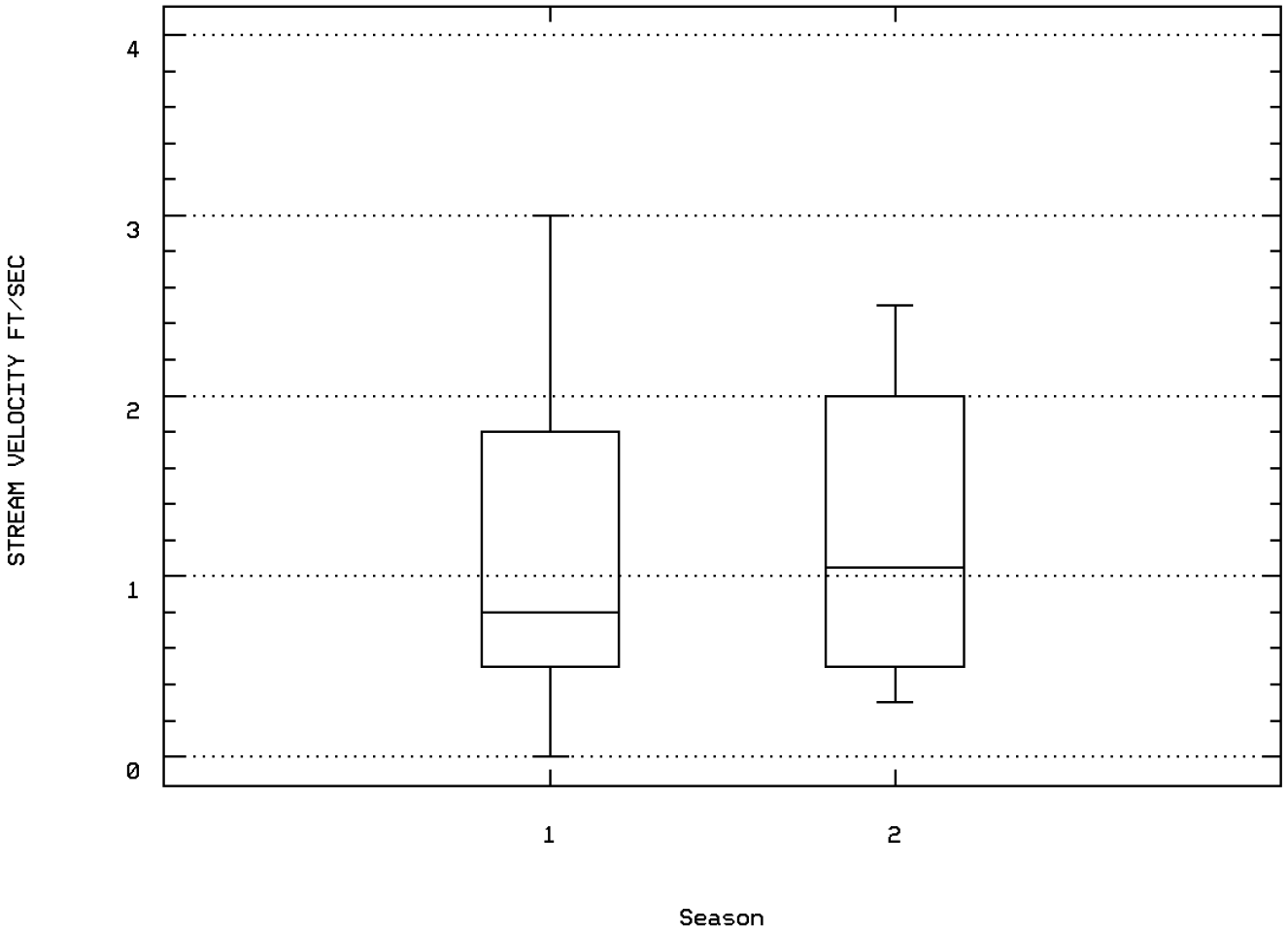
Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/69-05/07/98	89	7.	6.339	21.	0.	15.316	3.914	0.2	4.	9.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-05/07/98	51	16.1	15.782	28.	6.5	16.972	4.12	10.2	13.	18.	20.
00055p	VELOCITY, STREAM FT/SEC	09/17/75-05/07/98	19	1.	1.137	2.5	0.3	0.362	0.602	0.5	0.7	1.5	2.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/08/75-05/07/98	40	5.4	7.665	28.	2.	31.611	5.622	2.34	3.725	11.	14.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	11/18/75-05/07/98	38	0.85	0.829	1.3	0.3	0.043	0.207	0.5	0.73	0.962	1.1
00080	COLOR (PLATINUM-COBALT UNITS)	05/23/69-11/18/75	10	50.	60.5	150.	35.	1169.167	34.193	35.5	40.	65.	143.
00081p	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/08/75-05/07/98	41	40.	45.122	190.	10.	944.36	30.73	20.	30.	55.	60.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/75-05/07/98	27	34900.	35433.333	50200.	23200.	32979230.769	5742.755	27800.	32800.	39000.	43640.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/72-05/07/98	47	36000.	35810.638	45100.	23000.	29157493.062	5399.768	29400.	31800.	40000.	43200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/76-05/07/98	11	6.9	6.936	9.1	5.6	1.161	1.077	5.64	5.9	7.8	8.88
00300p	OXYGEN, DISSOLVED MG/L	05/22/69-10/02/96	51	6.7	6.18	9.3	0.	4.743	2.178	3.04	4.7	7.9	8.38
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/22/69-05/07/98	43	1.4	2.656	16.	0.6	8.949	2.991	0.84	1.	3.	6.2
00400p	PH (STANDARD UNITS)	05/23/69-05/07/98	36	7.4	7.348	7.95	5.85	0.239	0.489	6.67	7.2	7.7	7.836
00400p	CONVERTED PH (STANDARD UNITS)	05/23/69-05/07/98	36	7.4	6.911	7.95	5.85	0.435	0.66	6.67	7.2	7.7	7.836
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/69-05/07/98	36	0.04	0.123	1.413	0.011	0.092	0.303	0.015	0.02	0.063	0.215
00403p	PH, LAB, STANDARD UNITS SU	01/07/74-05/07/98	47	7.7	7.638	8.1	6.8	0.088	0.296	7.08	7.6	7.8	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/07/74-05/07/98	47	7.7	7.509	8.1	6.8	0.105	0.324	7.08	7.6	7.8	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/74-05/07/98	47	0.02	0.031	0.158	0.008	0.001	0.033	0.013	0.016	0.025	0.084
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/20/72-05/07/98	27	104.	101.889	150.	10.	964.179	31.051	64.2	98.	119.	140.2
00480	SALINITY - PARTS PER THOUSAND	05/07/80-05/07/98	17	30.	28.094	35.5	20.5	20.316	4.507	21.94	23.75	32.	33.5
00500	RESIDUE, TOTAL (MG/L)	05/23/69-12/08/77	10	31770.	32014.1	40680.	23150.	31231323.656	5588.499	23367.	27518.25	36575.	40343.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/22/69-12/08/77	11	4146.	5664.909	12800.	3152.	11069014.491	3327.013	3224.4	3790.	5752.	12566.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/69-05/07/98	50	44.	59.94	176.	6.	1654.098	40.671	16.2	26.5	90.5	113.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/22/69-05/07/98	50	9.	11.84	45.	2.	69.566	8.341	3.1	5.75	16.25	21.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/20/72-05/07/98	50	33.5	48.1	134.	4.	1232.663	35.109	12.1	17.75	80.25	96.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/73-05/07/98	47	0.2	0.293	2.14	0.	0.138	0.371	0.025	0.064	0.36	0.678
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/18/75-05/02/83	12	0.007	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.014	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/20/72-03/10/82	30	0.013	0.078	0.76	0.	0.027	0.164	0.	0.003	0.08	0.352
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/25/75-05/07/98	44	0.905	1.118	3.8	0.02	0.584	0.764	0.355	0.64	1.54	2.115
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/81-05/07/98	20 ##	0.02	0.03	0.1	0.005	0.	0.022	0.01	0.02	0.038	0.068
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/20/72-05/07/98	50	0.072	0.099	0.59	0.	0.009	0.097	0.01	0.05	0.123	0.19
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	11/07/73-10/02/96	22	8.5	10.423	28.	5.	32.15	5.67	5.	6.75	12.25	18.7
00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/72-10/01/90	16	15300.	14784.75	19650.	16.	20887582.333	4570.293	8481.8	13095.	17825.	18915.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/73-10/01/90	7	1900.	1759.429	3000.	36.	768428.952	876.601	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	12/08/75-07/06/92	20	0.8	0.846	1.21	0.68	0.018	0.133	0.722	0.77	0.867	1.093
01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/73-09/06/83	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/08/73-09/06/83	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/07/74-09/06/83	9	300.	302.778	530.	25.	25994.444	161.228	25.	165.	425.	530.
01051	LEAD, TOTAL (UG/L AS PB)	10/08/73-09/06/83	5 ##	10.	9.	15.	5.	17.5	4.183	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/08/73-09/06/83	3	140.	123.333	150.	80.	1433.333	37.859	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/27/73-05/07/98	24	2050.	27328.208	300000.	67.	5738794838.781	75754.834	155.	340.	10000.	137500.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/27/73-05/07/98	24	3.312	3.33	5.477	1.826	0.972	0.986	2.171	2.524	3.992	4.962
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2135.806								
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/23/69-07/05/95	36	2350.	24652.083	240000.	11.	3719627481.221	60988.749	97.1	490.	10000.	112400.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/23/69-07/05/95	36	3.371	3.361	5.38	1.041	1.09	1.044	1.977	2.69	3.992	5.036
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2294.287								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	10	64.	807.2	7000.	4.	4756037.956	2180.834	6.2	36.5	302.5	6349.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	05/22/69-11/18/75	10	1.794	1.979	3.845	0.602	0.742	0.861	0.683	1.555	2.458	3.73
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			95.287								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	35	240.	7321.329	92000.	1.5	469400241.573	21665.647	6.2	40.	2400.	17400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/22/69-07/05/95	35	2.38	2.513	4.964	0.176	1.511	1.229	0.787	1.602	3.38	4.22
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			325.683								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/20/72-07/06/92	24	0.018	0.044	0.39	0.	0.008	0.087	0.	0.001	0.03	0.165
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/31/77-05/07/98	30	15.1	15.23	21.	3.5	15.419	3.927	10.	13.35	18.025	20.
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	02/07/74-10/01/90	8	2.057	1.728	2.877	0.	1.466	1.211	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	02/07/74-10/01/90	8	10.	10.	23.	0.	55.714	7.464	**	**	**	**

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

Station: TIMU0165 Parameter Code: 00055

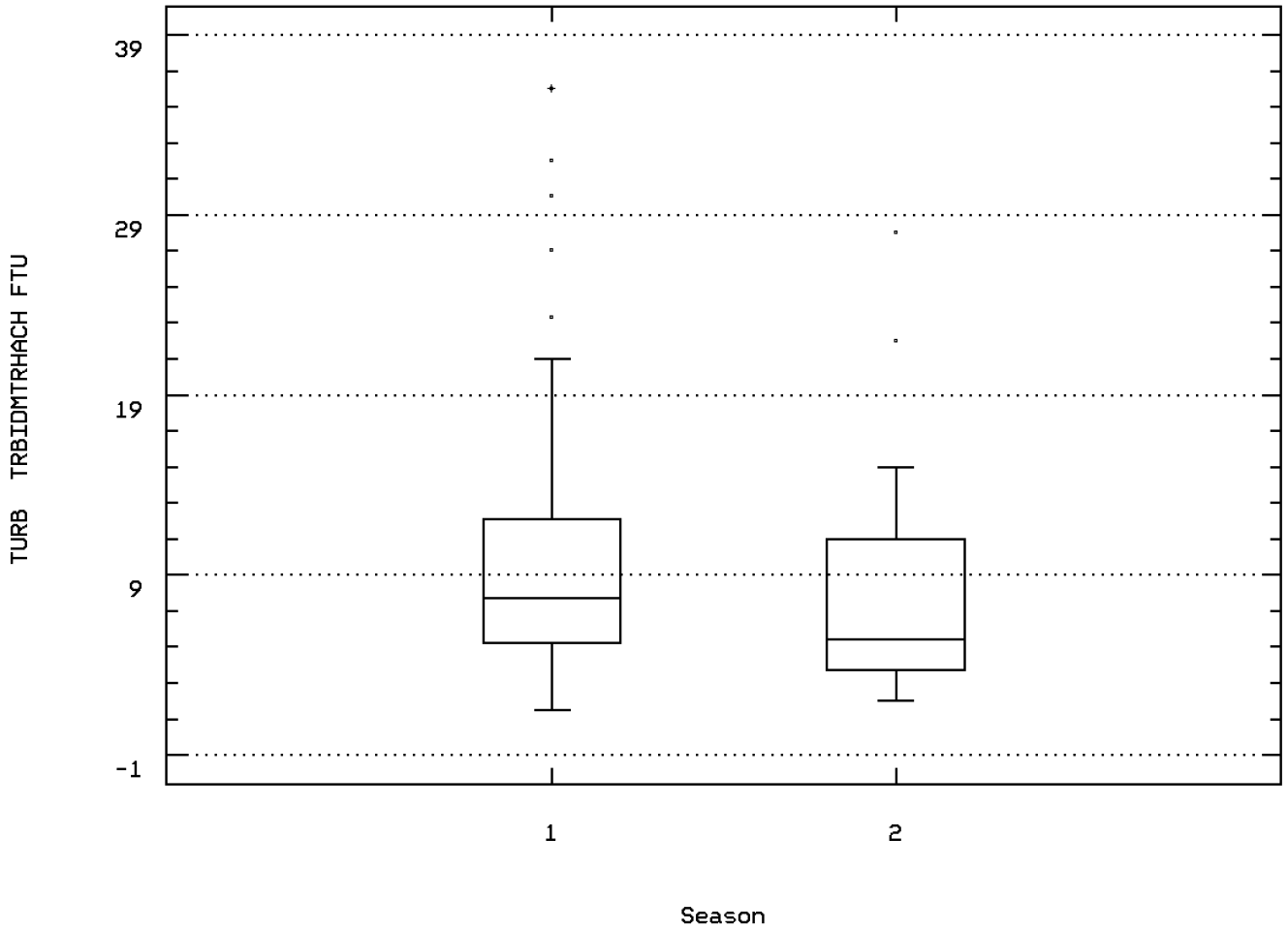
VELOCITY, STREAM



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00076

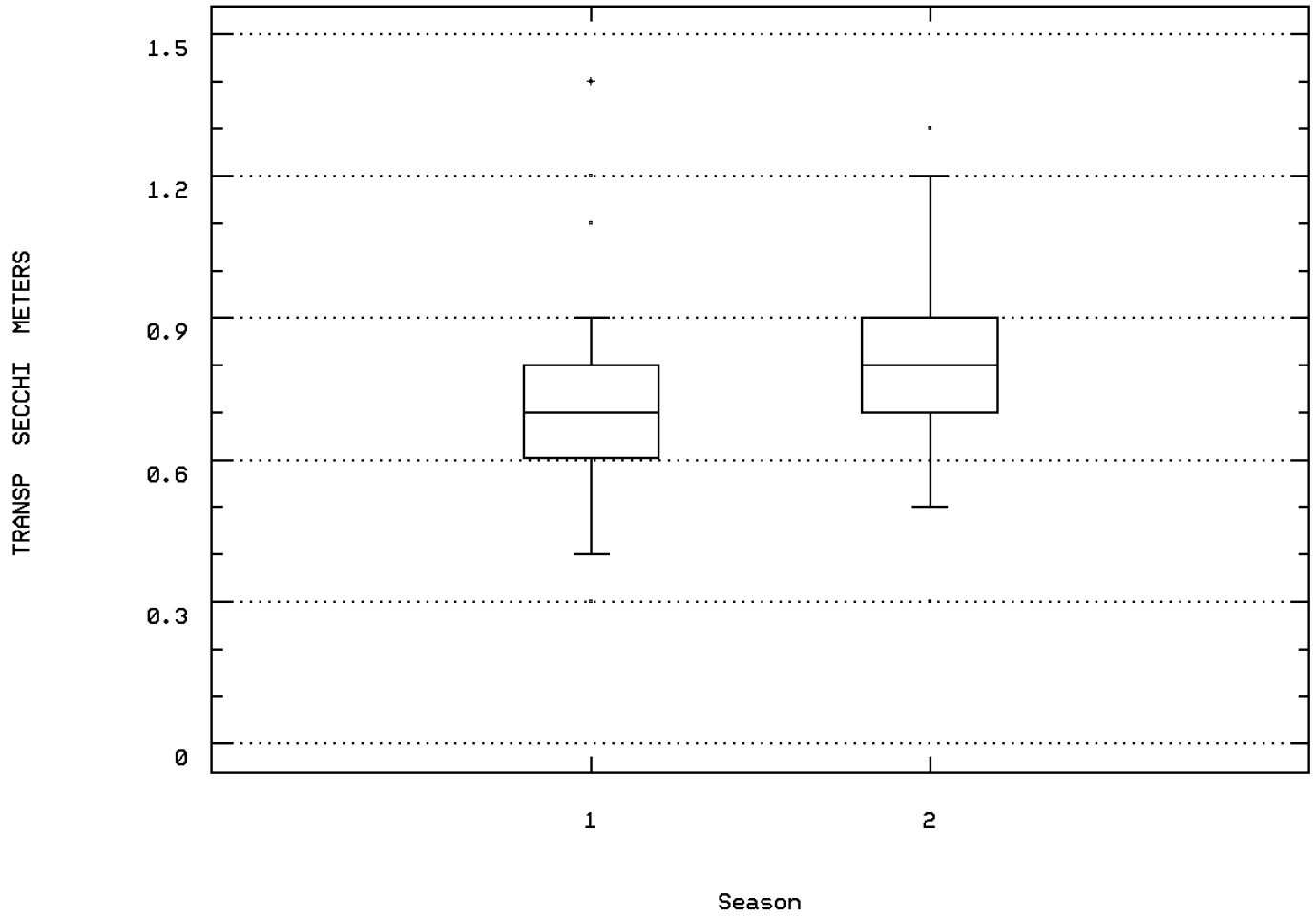
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00078

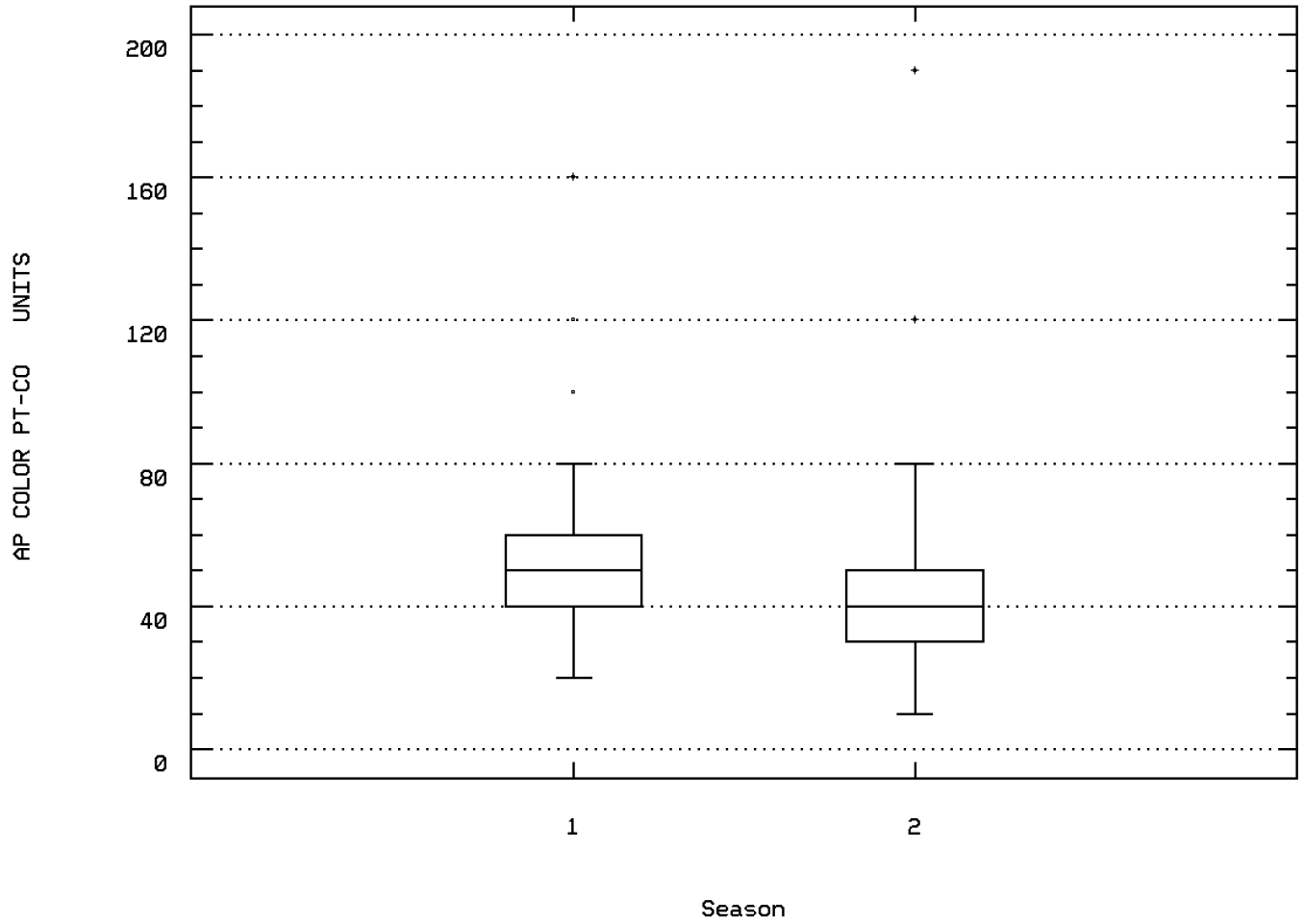
TRANSPARENCY, SECCHI DISC (METERS)



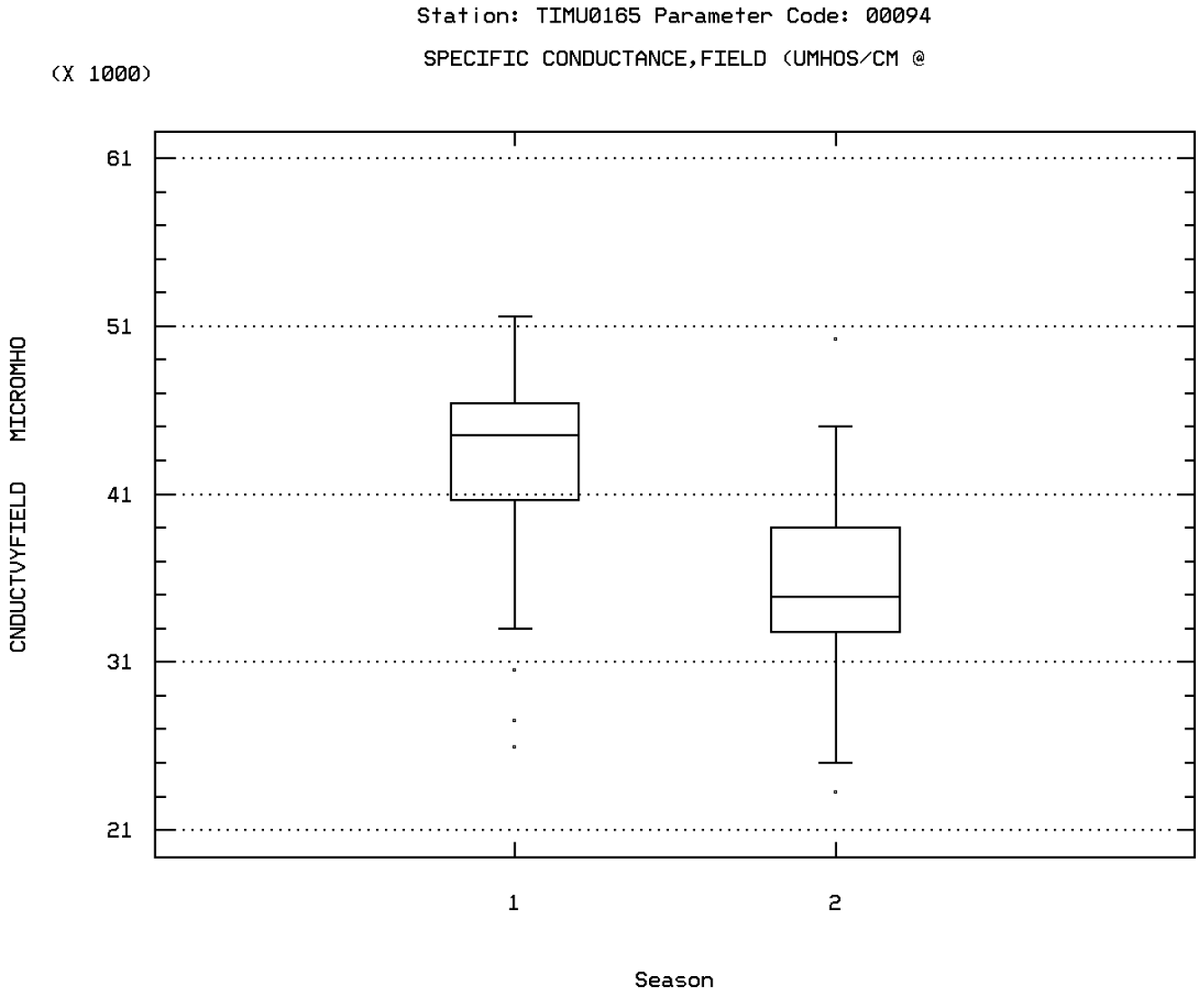
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00081

COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-



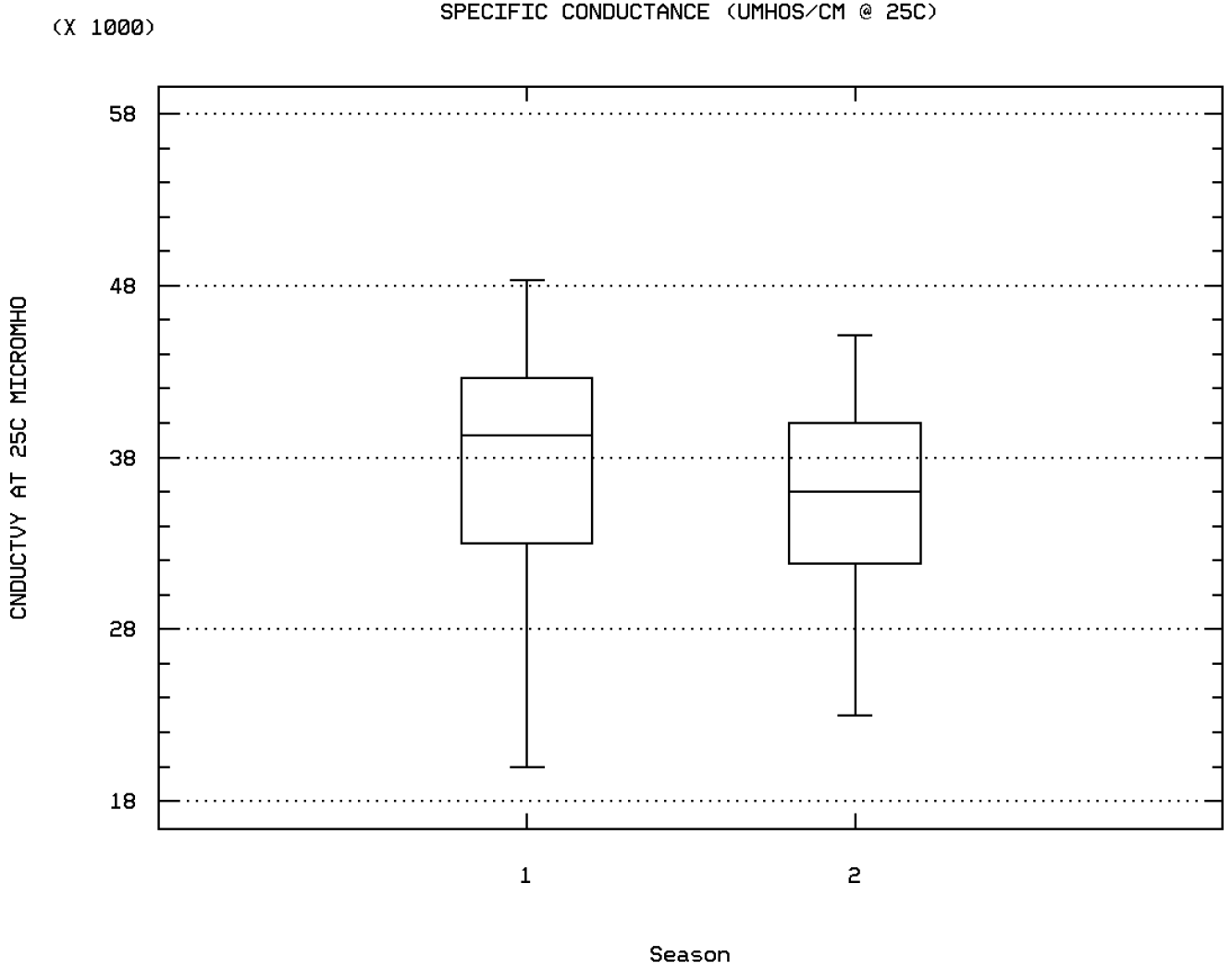
AMELIA RIVER AT CM 1



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00095

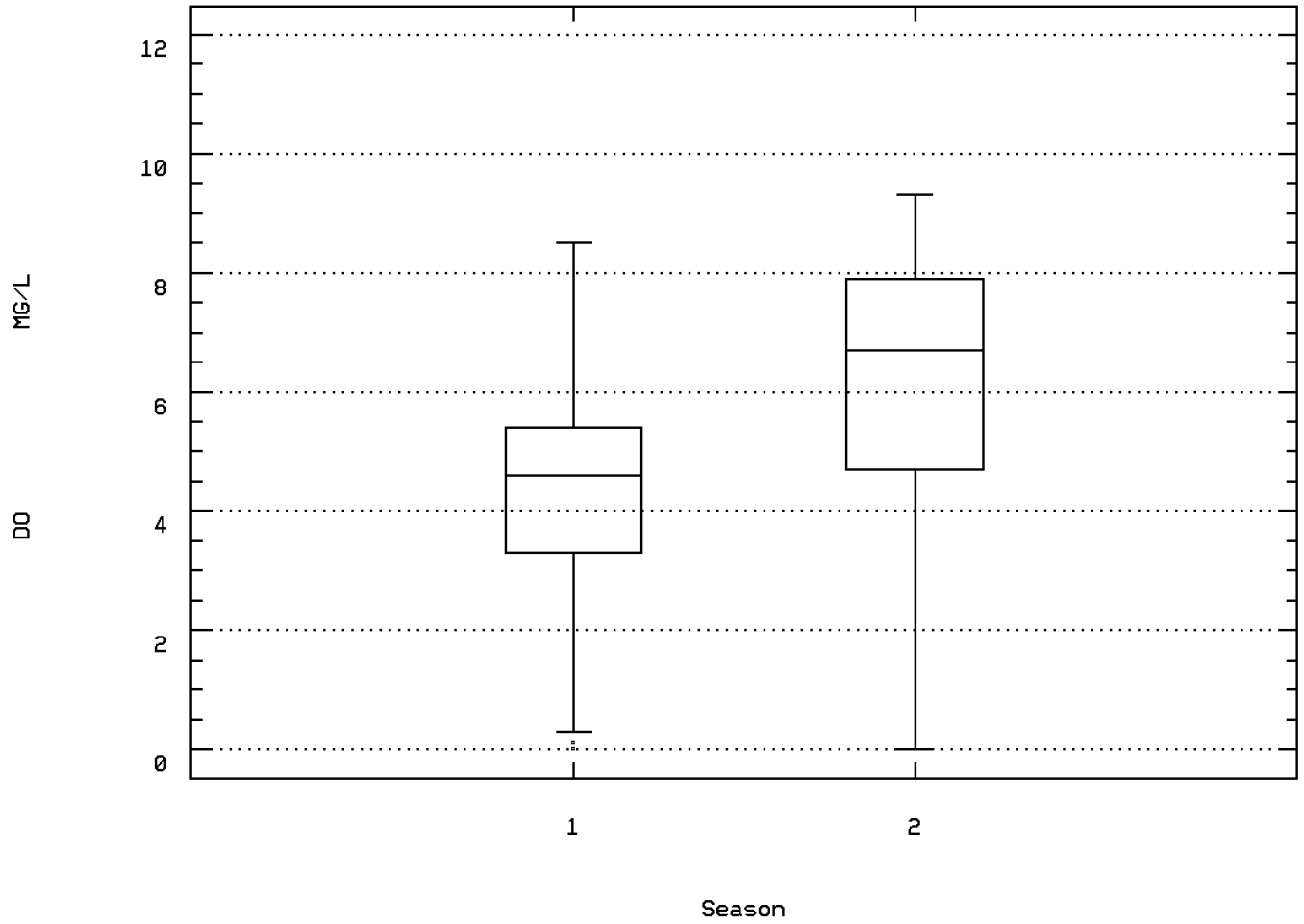
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00300

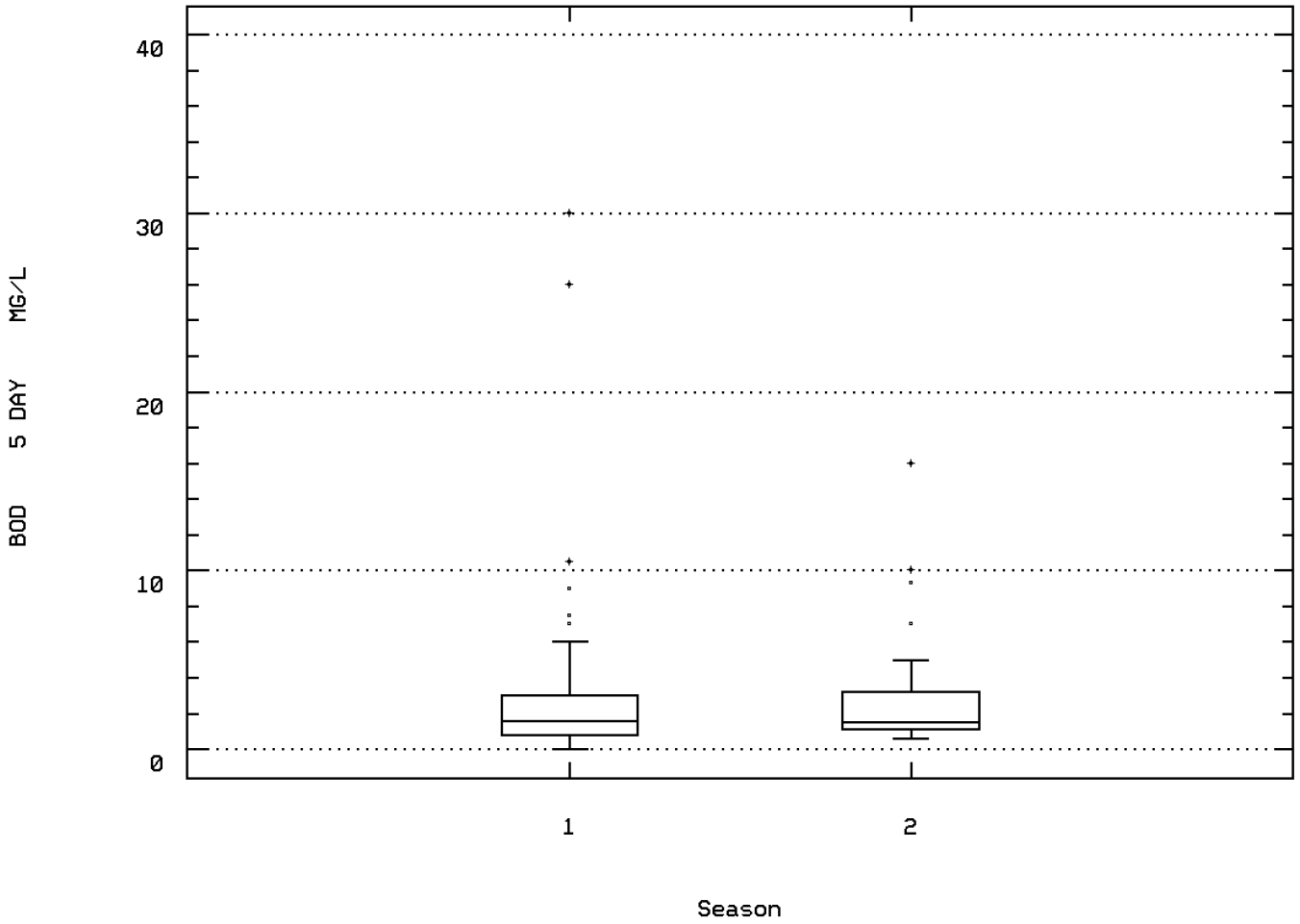
OXYGEN, DISSOLVED



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00310

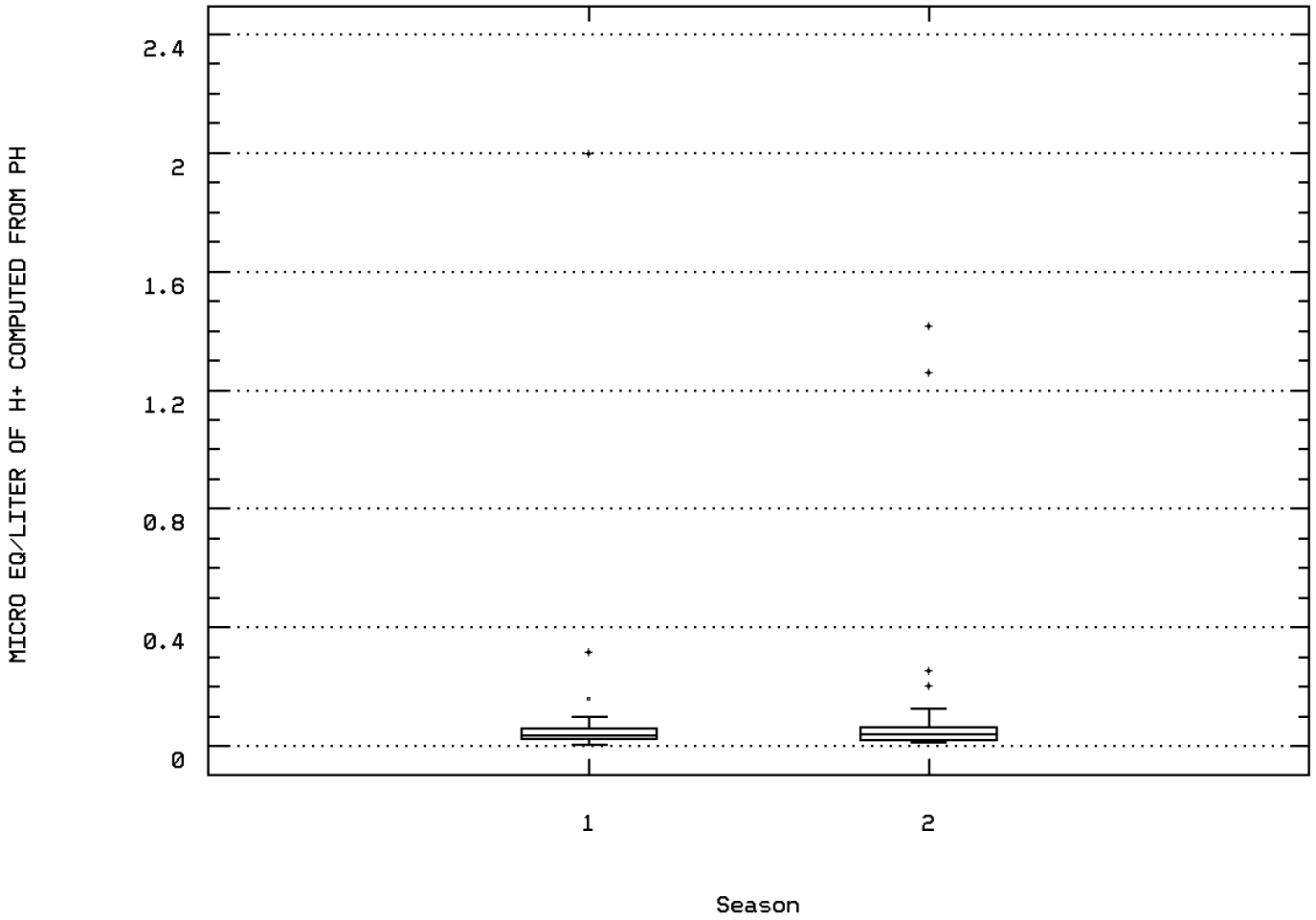
BOD, 5 DAY, 20 DEG C



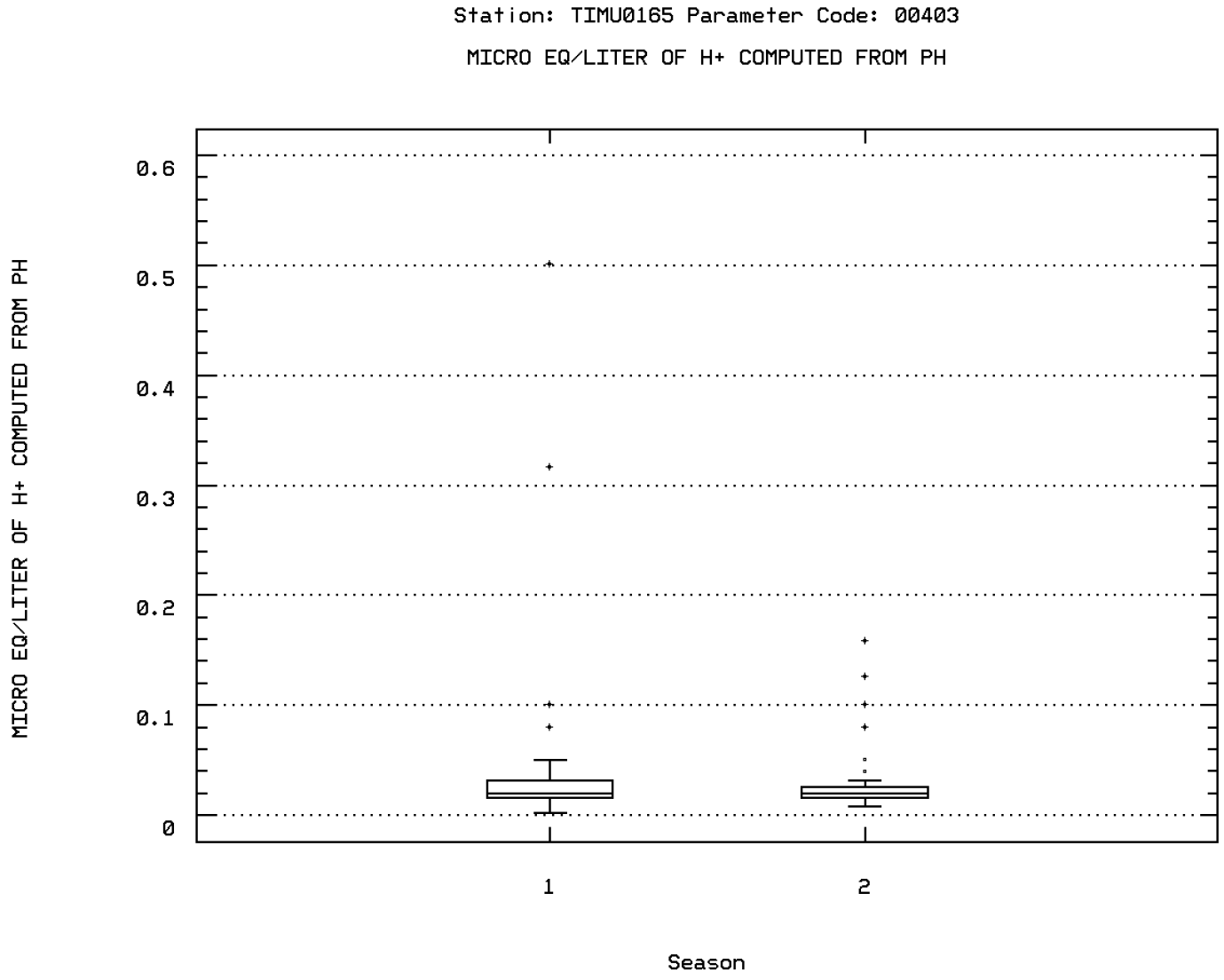
AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



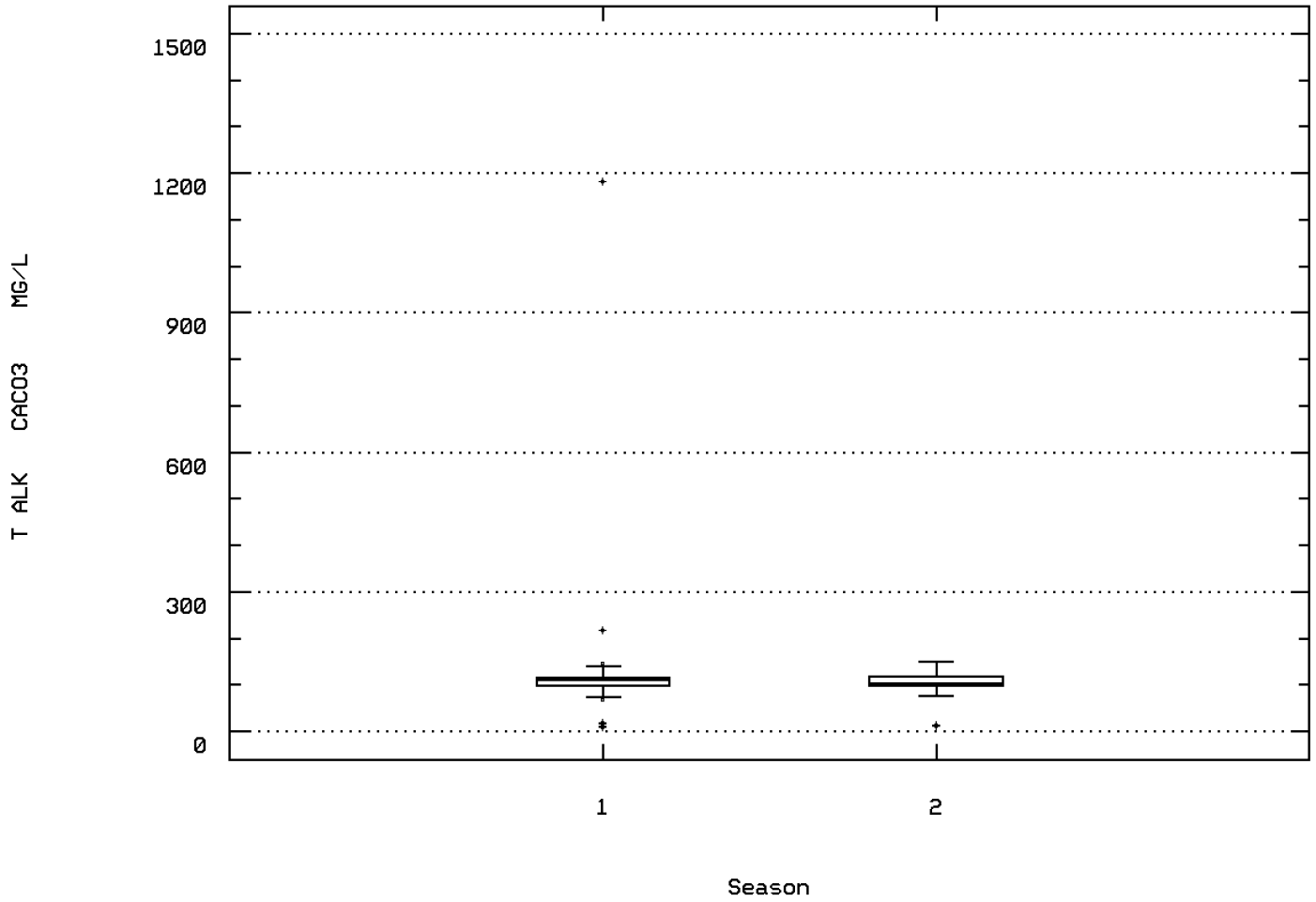
AMELIA RIVER AT CM 1



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00410

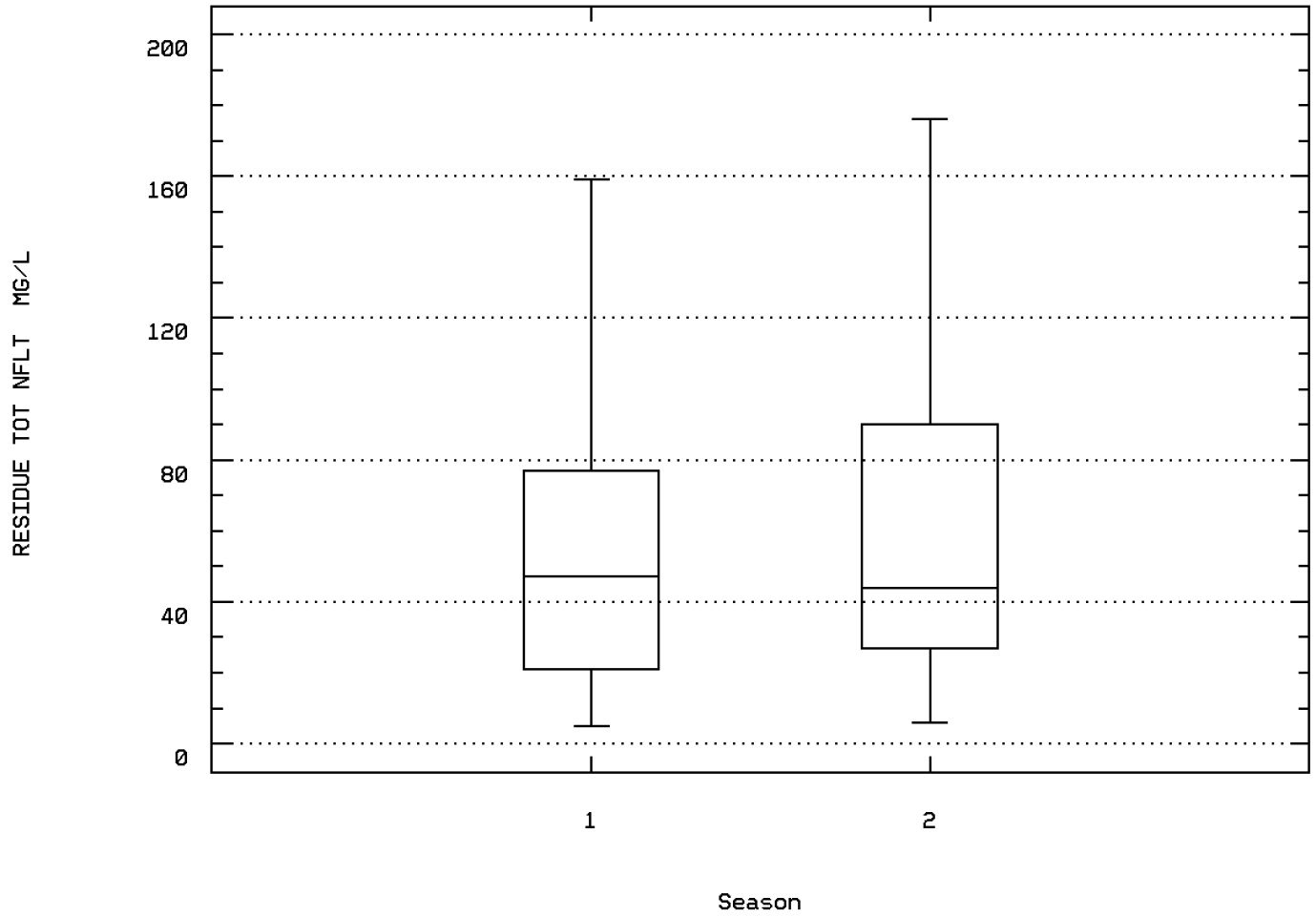
ALKALINITY, TOTAL (MG/L AS CACO3)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00530

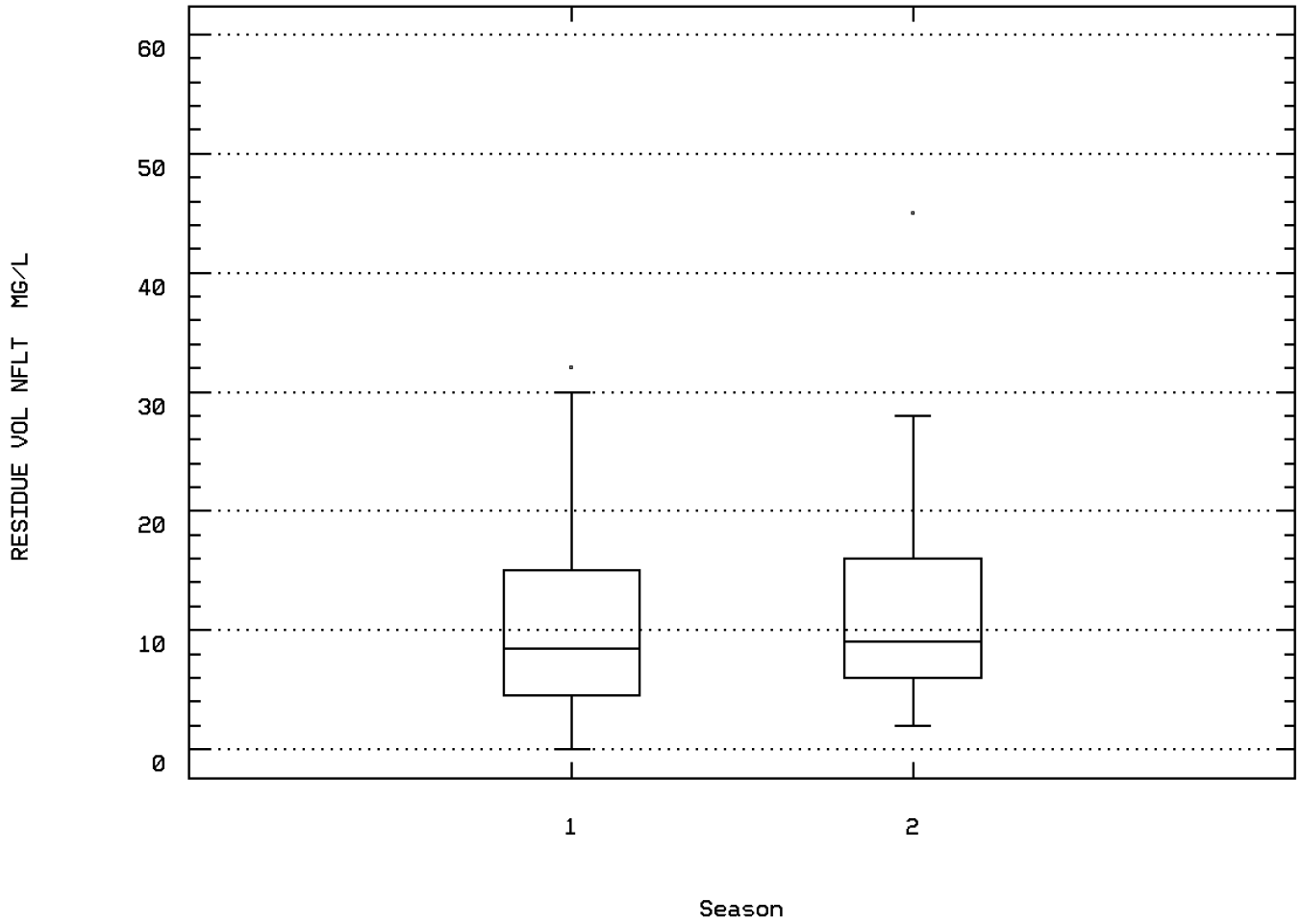
RESIDUE, TOTAL NONFILTRABLE (MG/L)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00535

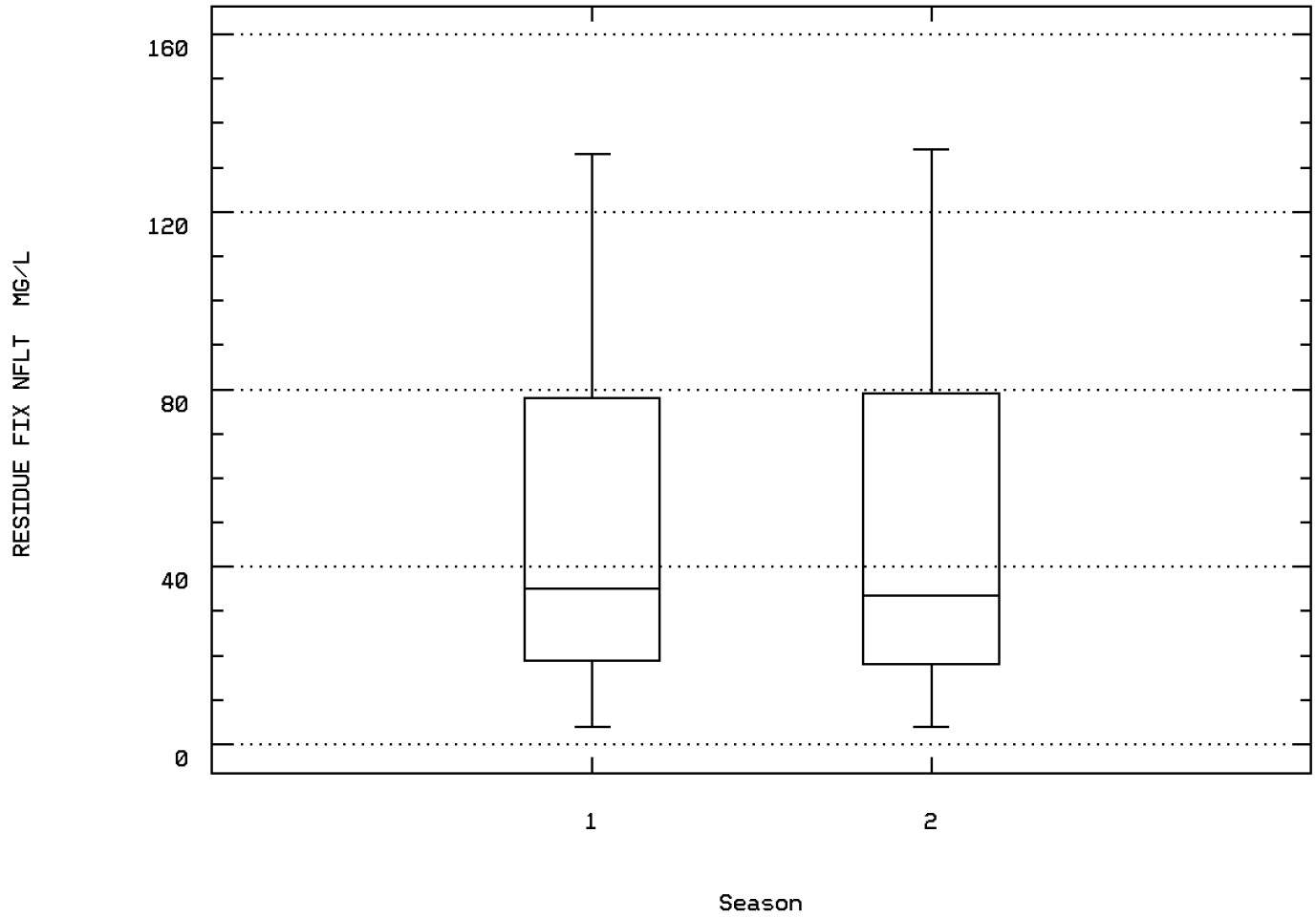
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00540

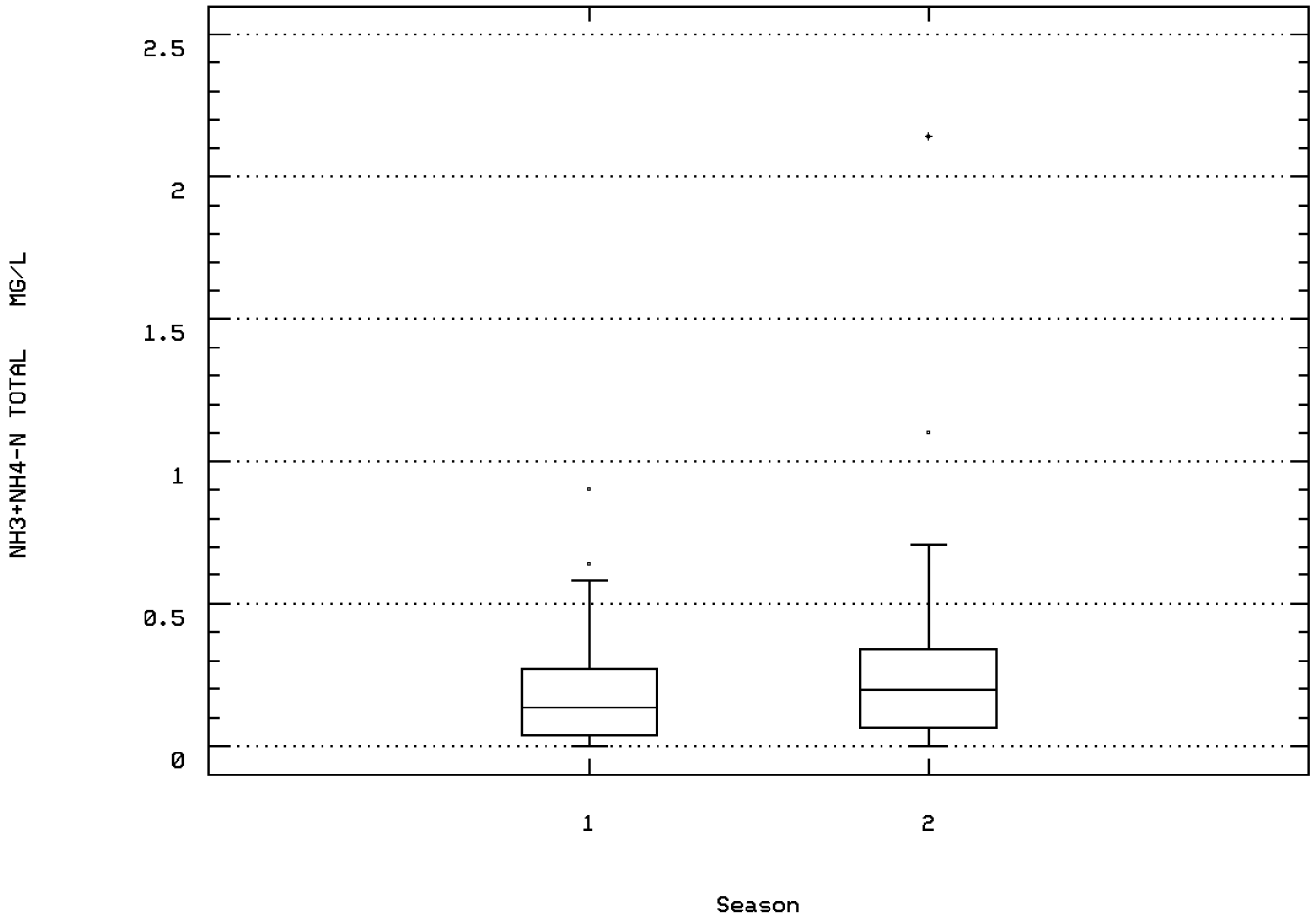
RESIDUE, FIXED NONFILTRABLE (MG/L)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00610

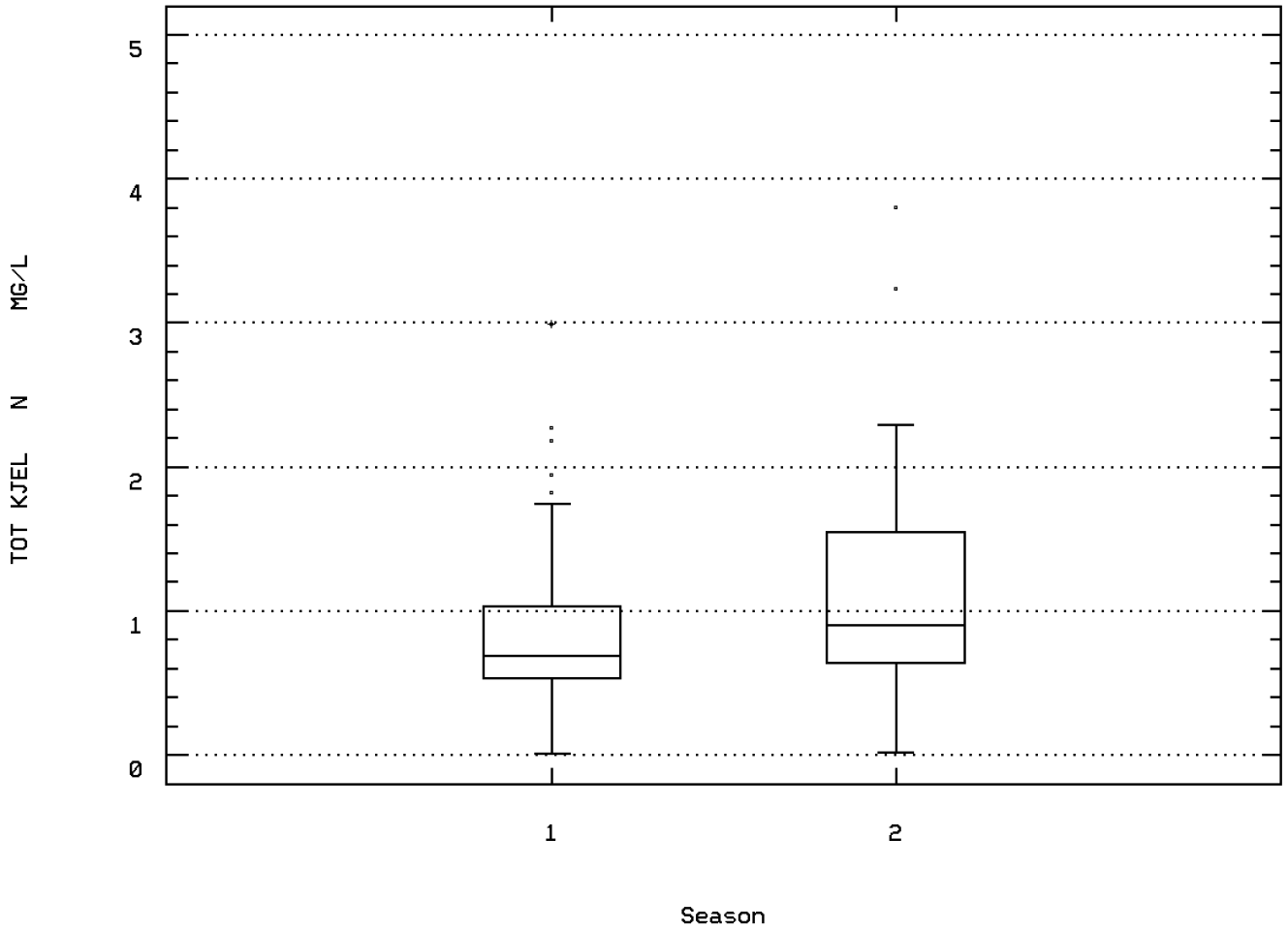
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00625

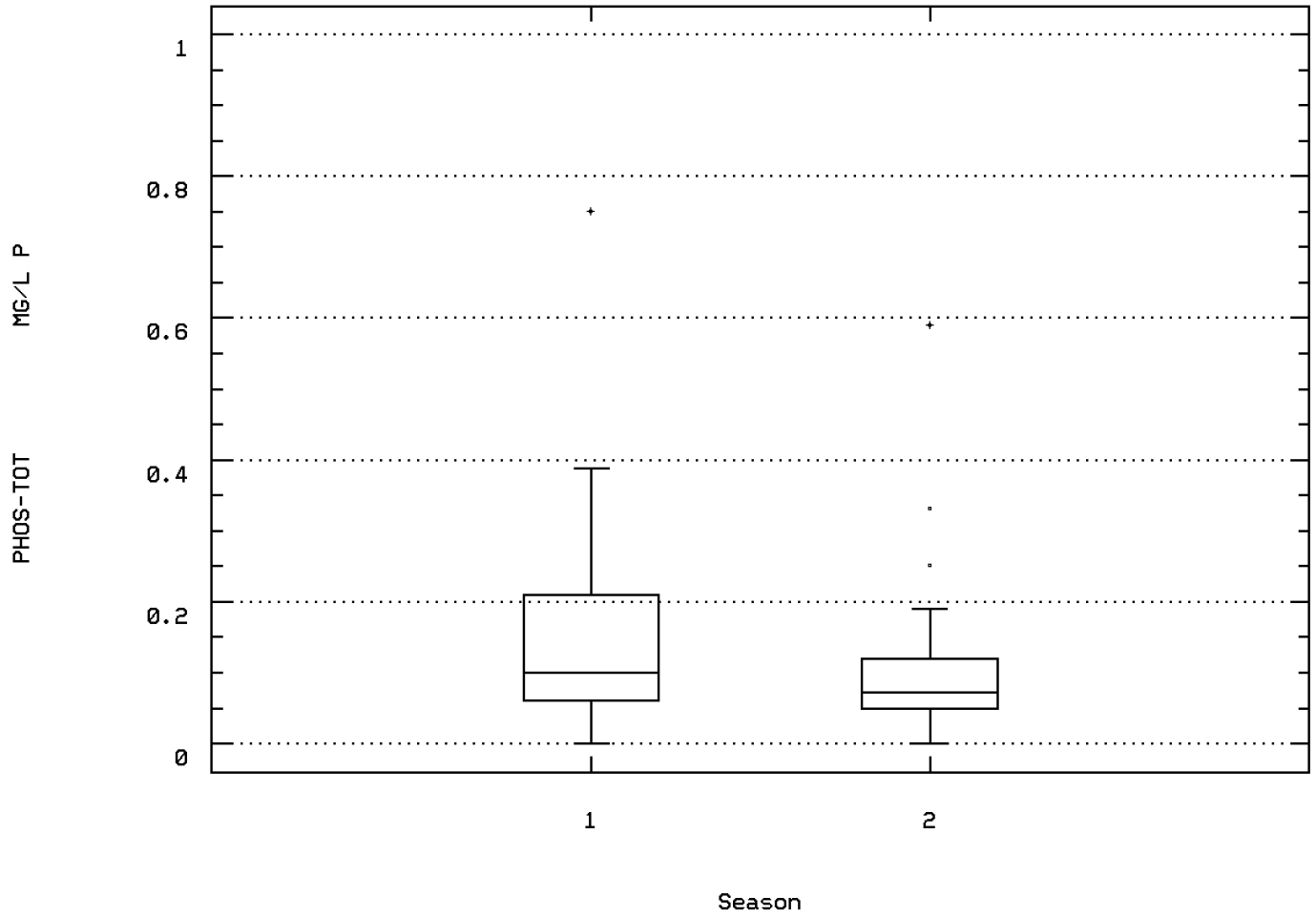
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00665

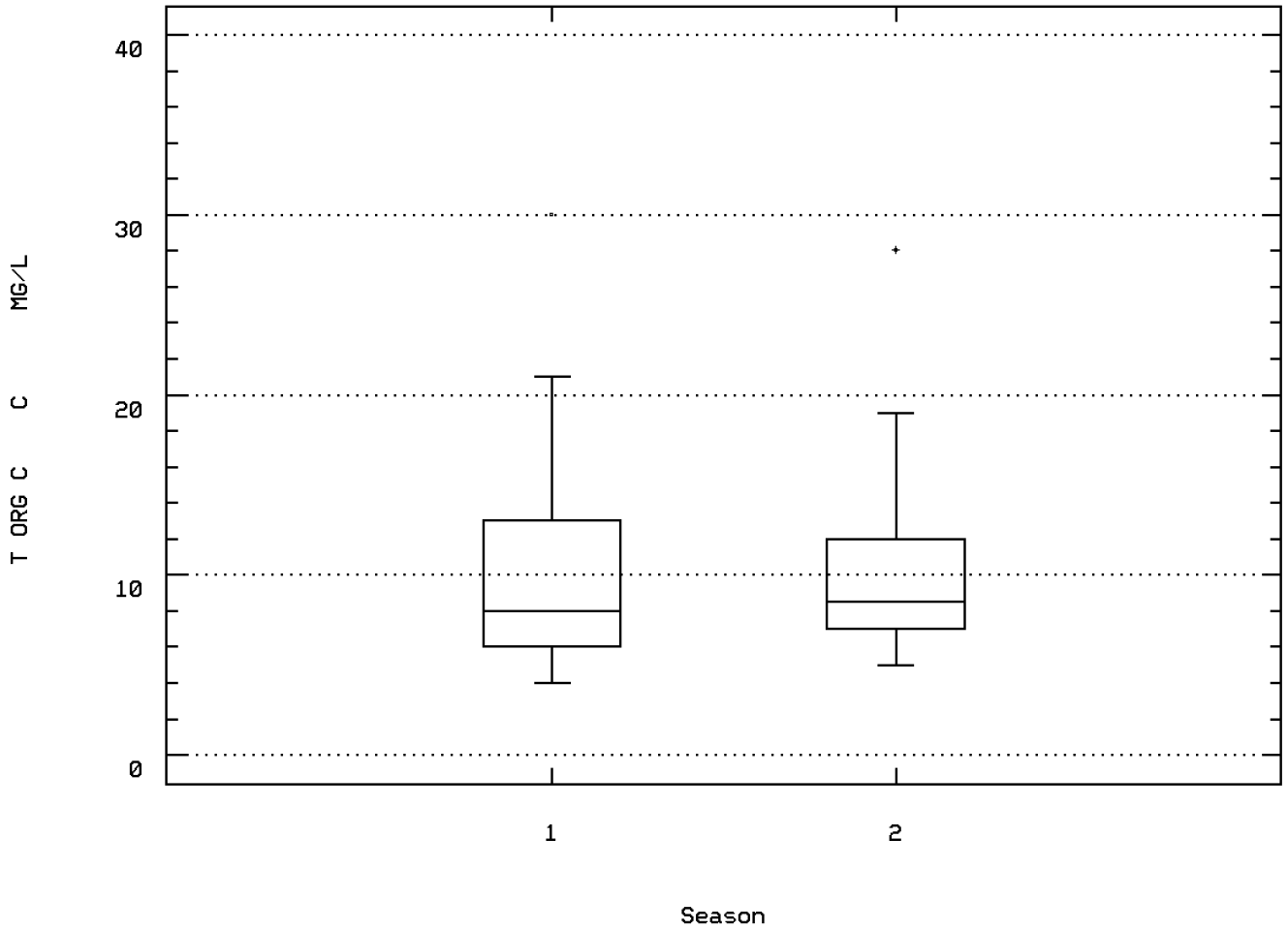
PHOSPHORUS, TOTAL (MG/L AS P)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 00680

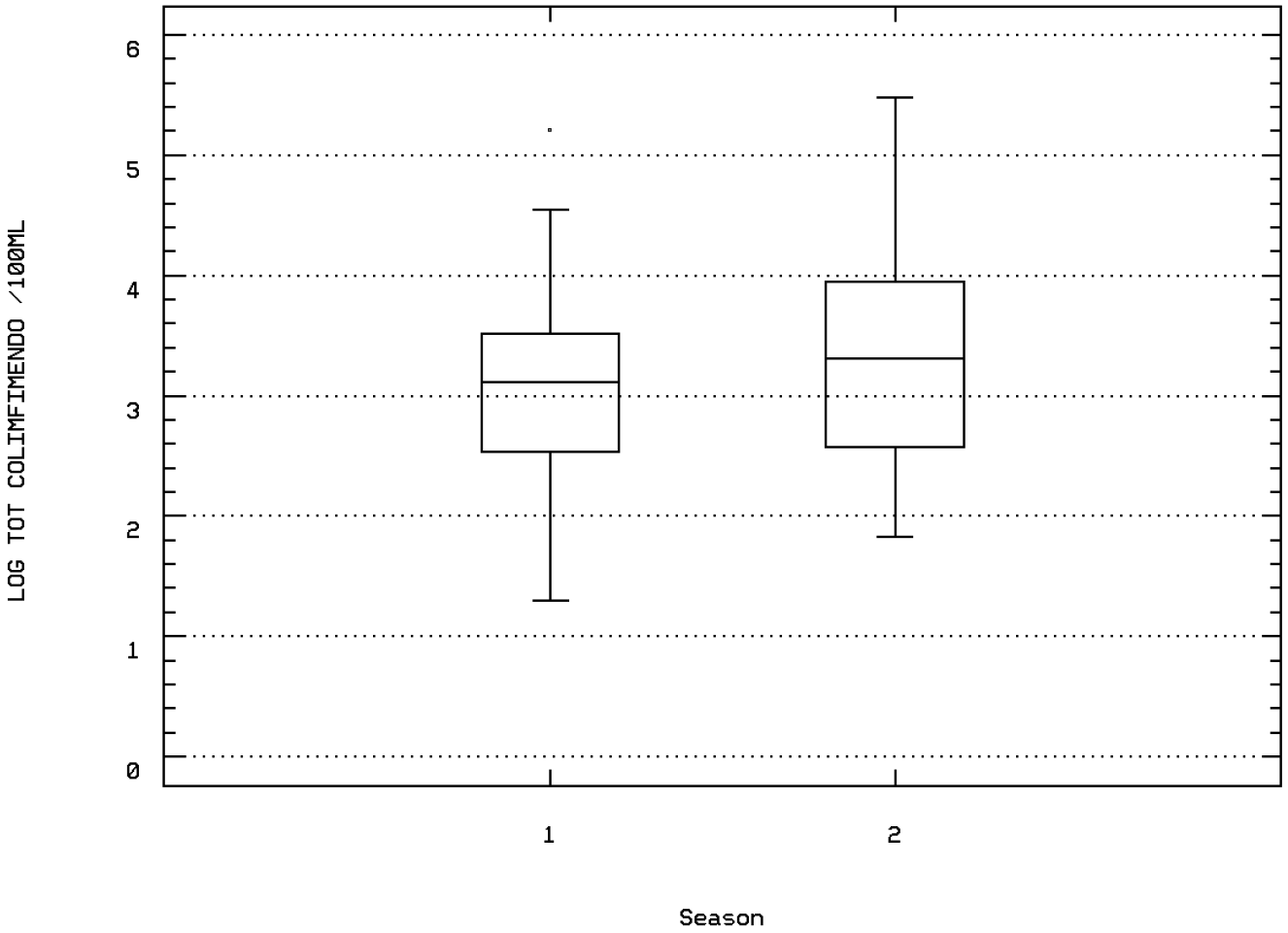
CARBON, TOTAL ORGANIC (MG/L AS C)



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 31501

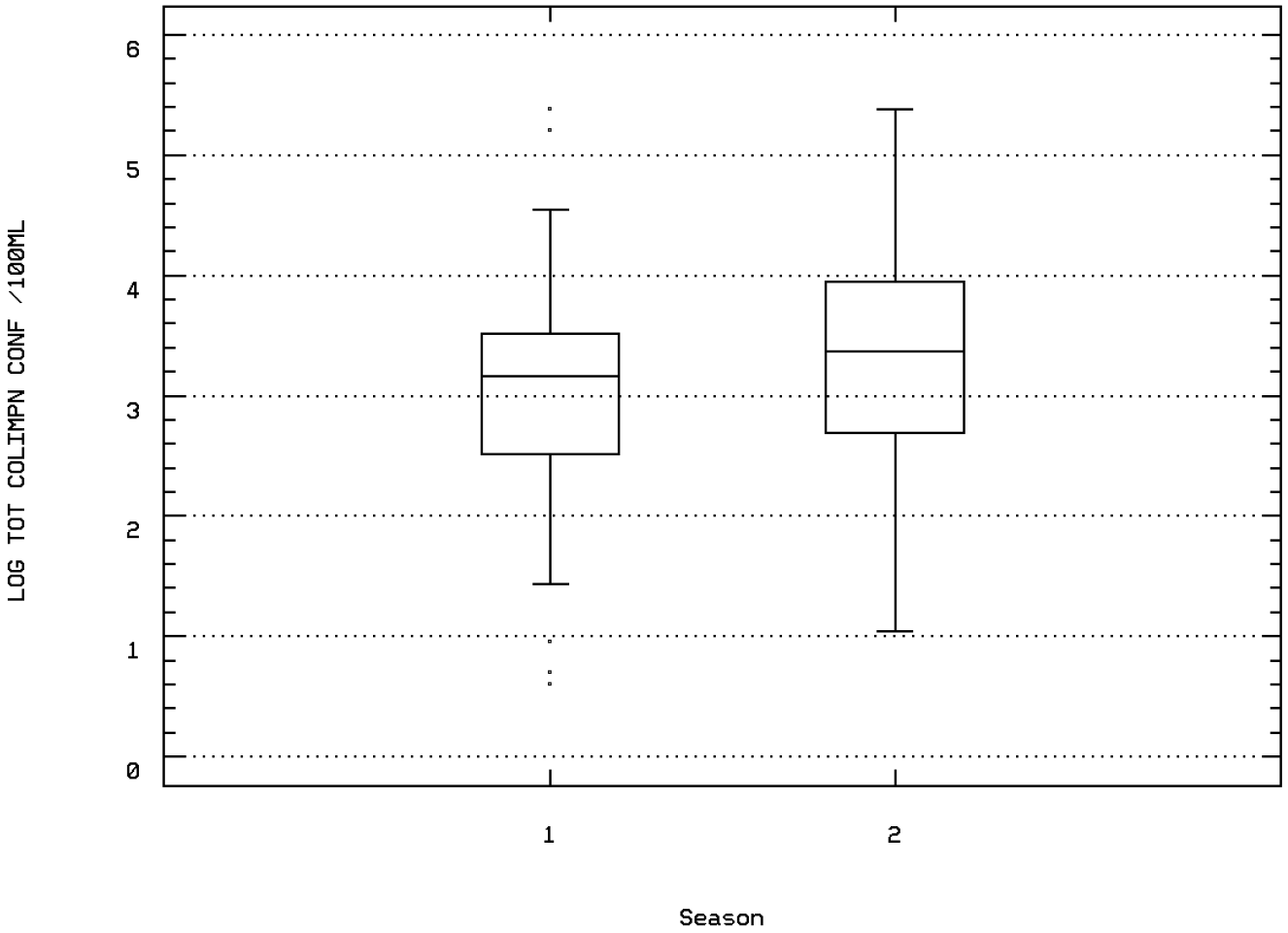
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 31505

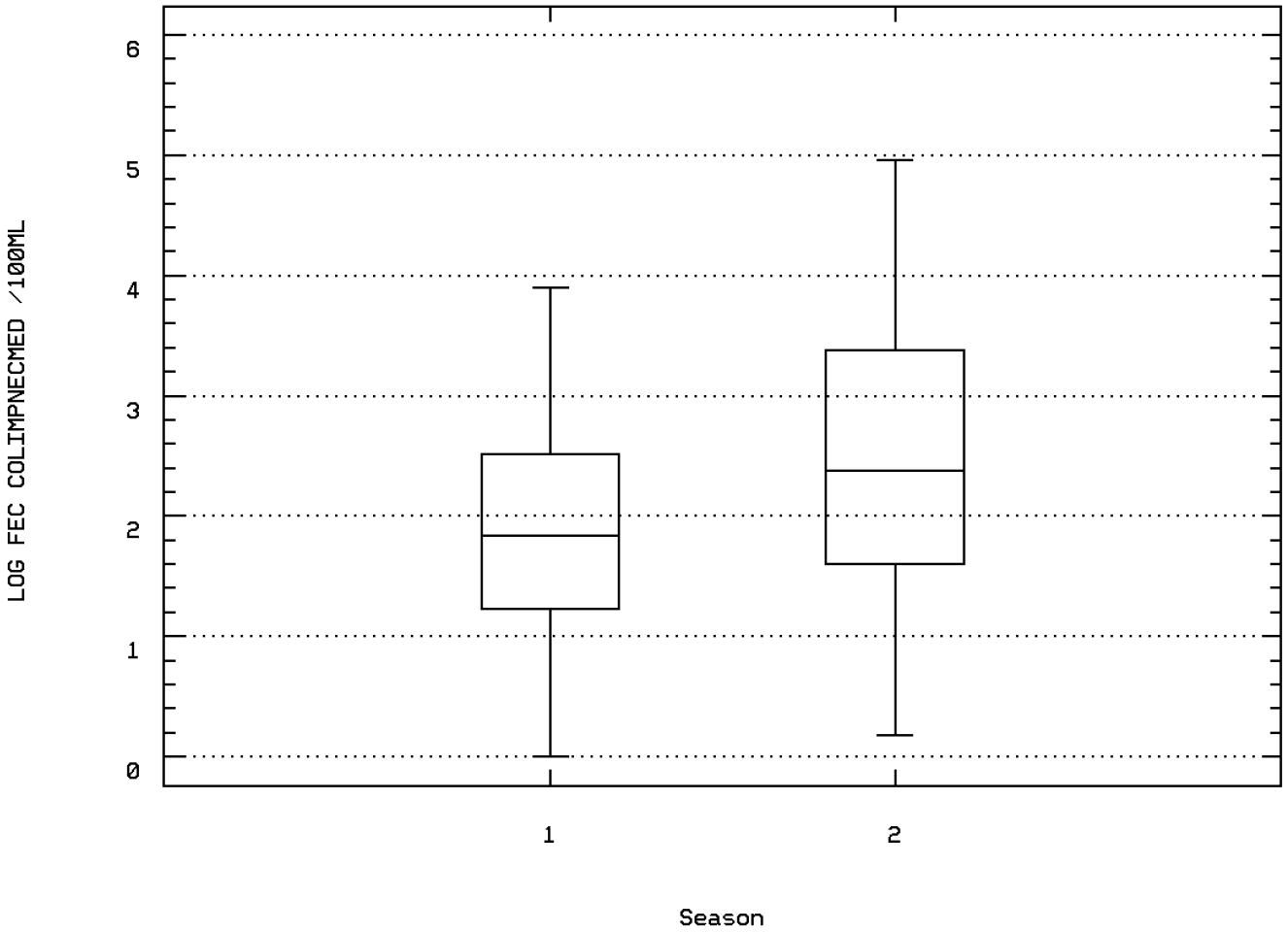
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



AMELIA RIVER AT CM 1

Station: TIMU0165 Parameter Code: 31615

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



AMELIA RIVER AT CM 1

Station Inventory for Station: TIMU0166

NPS Station ID: TIMU0166
LAT/LON: 30.540282/ -81.476392
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: NASSAU RIVER NE OF MESA MARSH
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 23.70
On/Off RF1:
RF3 Index: 03070204003300.00
RF3 Mile Point: 7.36
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	25	25.2	22.66	29.9	12.	33.372	5.777	14.74	15.65	27.5	29.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-10/23/90	2	28.	28.	29.	27.	2.	1.414	**	**	**	**
00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	3	10.	20.	50.	0.	700.	26.458	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	3	10.	10.	12.	8.	4.	2.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	23	45400.	42088.087	52100.	11800.	121007354.265	11000.334	22080.	39400.	48900.	51820.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	25	7.4	7.192	9.8	5.3	1.726	1.314	5.54	5.85	7.95	9.44
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	22	7.9	7.62	8.16	6.2	0.287	0.535	6.8	7.3	7.978	8.091
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	22	7.9	7.193	8.16	6.2	0.478	0.691	6.8	7.3	7.978	8.091
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	22	0.013	0.064	0.631	0.007	0.018	0.135	0.008	0.011	0.055	0.158
00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	14	31.75	31.643	34.8	28.5	4.384	2.094	28.7	29.375	33.725	34.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	8	71.5	85.375	160.	54.	1359.982	36.878	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	16 ##	0.007	0.019	0.12	0.004	0.001	0.029	0.005	0.005	0.025	0.061
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	7	0.77	0.638	1.1	0.21	0.12	0.346	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	16 ##	0.018	0.024	0.13	0.003	0.001	0.031	0.004	0.005	0.03	0.067
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	12	0.096	0.098	0.197	0.05	0.002	0.042	0.053	0.066	0.12	0.181
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	12	6250.	5945.833	9000.	2700.	3033644.697	1741.736	2925.	5110.	6800.	8700.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	12	18344.	18124.	23500.	8700.	13241560.	3638.895	10920.	17000.	19875.	23050.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	5 ##	0.5	0.8	2.	0.5	0.45	0.671	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	13	390.	337.769	457.	140.	10321.859	101.597	172.	255.	427.	450.2
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	840.	840.	840.	840.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	5	2.	1.9	3.	0.5	0.8	0.894	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	11	22.	48.136	196.	0.5	3360.555	57.97	1.2	8.5	80.	175.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	4	300.	297.5	390.	200.	6291.667	79.32	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	6 ##	0.5	1.25	3.	0.5	1.375	1.173	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	10 ##	3.75	33.85	220.	0.5	4731.281	68.784	0.65	2.	38.25	204.9
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	9 ##	5.	20.833	100.	0.5	1172.813	34.246	0.5	0.5	34.5	100.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	11	19.5	75.409	250.	1.	8614.641	92.815	1.2	3.	180.	238.4
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	14	23.	41.	300.	2.	5893.692	76.77	2.	2.	30.75	185.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	14	1.362	1.174	2.477	0.301	0.438	0.662	0.301	0.301	1.487	2.161
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.914								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	15	11.	14.733	70.	1.	325.352	18.038	1.	2.	23.	47.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	15	1.041	0.851	1.845	0.	0.359	0.599	0.	0.301	1.362	1.649
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.103								

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

Parameter Inventory for Station: TIMU0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	4 ##	0.225	0.263	0.5	0.1	0.029	0.17	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/23/90-07/27/92	3	3.3	3.733	5.1	2.8	1.463	1.21	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	16	8.2	7.819	14.	2.8	10.84	3.292	2.94	5.	9.925	12.6

** - 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: TIMU0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	25	0	0.00	18	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	22	0	0.00	15	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	22	1	0.05	15	0	0.00	7	1	0.14						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	2	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	2	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	5	0	0.00	4	0	0.00	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	11	1	0.09	10	1	0.10	1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	6	0	0.00	5	0	0.00	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	10	1	0.10	9	1	0.11	1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	10 &	8	0.80	8	6	0.75	2	2	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	0	0.00	9	0	0.00	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	0	0.00	10	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	11	0	0.00	5	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	18	26.5	25.772	29.9	19.2	9.936	3.152	21.27	22.5	28.	29.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	16	48464.5	43232.875	52100.	11800.	114760704.383	10712.642	22090.	39925.	49725.	51960.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	18	6.5	6.772	9.4	5.3	1.45	1.204	5.3	5.8	7.625	8.59
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	15	7.9	7.651	8.16	6.8	0.186	0.431	6.92	7.4	7.95	8.124
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	15	7.9	7.424	8.16	6.8	0.241	0.491	6.92	7.4	7.95	8.124
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	15	0.013	0.038	0.158	0.007	0.002	0.045	0.008	0.011	0.04	0.123
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	11 ##	0.006	0.01	0.025	0.005	0.	0.008	0.005	0.005	0.01	0.025
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	11 ##	0.01	0.015	0.04	0.004	0.	0.013	0.004	0.005	0.03	0.038
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	10	394.5	353.1	457.	220.	8245.656	90.806	221.	267.5	435.5	455.3
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	10	34.5	52.9	196.	4.	3456.6	58.793	4.45	9.625	82.75	185.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	9 ##	5.	37.389	220.	0.5	5181.799	71.985	0.5	2.25	48.5	220.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	9	10.	49.333	300.	2.	9341.25	96.65	2.	2.	51.5	300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	9	1.	1.045	2.477	0.301	0.654	0.809	0.301	0.301	1.682	2.477
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.096								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	10 ##	3.5	14.8	70.	1.	495.956	22.27	1.	1.	25.5	66.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	10 ##	0.5	0.703	1.845	0.	0.477	0.691	0.	0.	1.401	1.812
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.042								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	11	8.9	9.055	14.	3.4	7.797	2.792	4.16	7.5	11.2	13.6

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	14.9	14.657	15.8	12.	1.556	1.247	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	45000.	39471.429	51400.	21800.	145309047.619	12054.42	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	7.8	8.271	9.8	7.6	0.906	0.952	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.93	7.556	8.07	6.2	0.562	0.75	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.93	6.919	8.07	6.2	1.036	1.018	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	7	0.012	0.121	0.631	0.009	0.054	0.232	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	5	0.03	0.039	0.12	0.004	0.002	0.047	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	5	0.02	0.043	0.13	0.003	0.003	0.051	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	3	300.	286.667	420.	140.	19733.333	140.475	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	5	30.	26.	30.	17.	34.5	5.874	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	5	1.477	1.405	1.477	1.23	0.012	0.109	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.393								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	5	13.	14.6	23.	11.	22.8	4.775	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	5	1.114	1.149	1.362	1.041	0.015	0.123	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.093								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	5	5.	5.1	9.7	2.8	7.72	2.778	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0167

NPS Station ID: TIMU0167 LAT/LON: 30.540282/ -81.476559 Agency: 11NPSWRD Date Created: 04/03/99
Location: NASSAU RIVER NORTHEAST OF MESA MARSH FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_NR03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR03 WAS AT THE NASSAU RIVER NORTHEAST OF; AND EQUIDISTANT FROM THE WEST AND EAST ENDS OF MESA MARSH; AT MID-CHANNEL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	33	5.	4.412	17.	0.3	21.057	4.589	0.3	0.3	8.	11.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/90-03/05/91	3	25.2	23.333	29.9	14.9	58.863	7.672	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/90-03/05/91	3	48429.	48576.333	51900.	45400.	10578780.333	3252.504	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/90-03/05/91	3	6.	6.3	7.6	5.3	1.39	1.179	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	2	84.3	84.3	84.5	84.1	0.08	0.283	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/15/90-03/05/91	3	7.95	7.973	8.07	7.9	0.008	0.087	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/15/90-03/05/91	3	7.95	7.968	8.07	7.9	0.008	0.088	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/90-03/05/91	3	0.011	0.011	0.013	0.009	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/15/90-03/05/91	3	31.7	31.133	33.2	28.5	5.763	2.401	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	2	0.675	0.675	0.92	0.43	0.12	0.346	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0167

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	21	0.7	4.162	17.	0.3	25.556	5.055	0.3	0.3	8.	11.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	12	5.	4.85	11.	0.3	14.463	3.803	0.3	0.3	8.	10.4

** - 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: TIMU0168

NPS Station ID: TIMU0168
LAT/LON: 30.601115/ -81.478393
Agency: 21FLA
Date Created: / /
Location: MARKER #19 CRANE IS
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020017
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 23.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070204105500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA BY LIGHTED MARKER #19 SOUTH END OF CRANE ISLAND CUT

Parameter Inventory for Station: TIMU0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	14	6.	5.6	10.	0.2	9.926	3.151	0.2	4.	8.25	9.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	9	23.	23.478	31.	14.7	26.974	5.194	14.7	19.55	28.5	31.
00055	VELOCITY, STREAM FT/SEC	04/10/79-04/08/91	5	0.8	0.86	1.5	0.5	0.173	0.416	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	9	7.6	11.922	35.	3.4	103.034	10.151	3.4	5.4	17.	35.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	8	0.675	0.689	0.9	0.3	0.037	0.193	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	9	60.	57.778	80.	30.	269.444	16.415	30.	45.	70.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	6	38700.	41100.	52000.	32800.	65960000.	8121.576	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	8	36950.	39925.	50600.	29500.	66639285.714	8163.289	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	2	5.45	5.45	5.5	5.4	0.005	0.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	9	5.9	5.844	7.2	4.3	0.968	0.984	4.3	4.95	6.75	7.2
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	9	1.2	1.5	2.6	0.9	0.353	0.594	0.9	1.	1.95	2.6
00400	PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.625	7.63	7.89	7.39	0.044	0.209	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.607	7.59	7.89	7.39	0.046	0.213	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	6	0.025	0.026	0.041	0.013	0.	0.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	9	7.7	7.689	7.8	7.6	0.006	0.078	7.6	7.6	7.75	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/08/91	9	7.7	7.683	7.8	7.6	0.006	0.078	7.6	7.6	7.75	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	9	0.02	0.021	0.025	0.016	0.	0.004	0.016	0.018	0.025	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	2	114.	114.	120.	108.	72.	8.485	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	6	31.5	29.667	33.	23.	15.067	3.882	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	56.	68.778	129.	23.	1649.944	40.62	23.	34.	113.5	129.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	11.	10.889	18.	4.	27.611	5.255	4.	6.	16.5	18.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	45.	57.889	112.	19.	1292.611	35.953	19.	27.5	98.5	112.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	8	0.155	0.231	0.67	0.005	0.062	0.249	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	3	0.07	0.061	0.11	0.003	0.003	0.054	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	8	0.56	0.546	1.13	0.05	0.14	0.374	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/81-04/08/91	6 ##	0.025	0.028	0.05	0.01	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	8	0.16	0.309	0.93	0.07	0.09	0.299	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/10/79-04/10/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	2	14051.5	14051.5	14953.	13150.	1625404.5	1274.914	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	2	1450.	1450.	1800.	1100.	245000.	494.975	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	2	30.	30.	30.	30.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/08/90-04/08/91	2	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	6	145.	135.	230.	1.	7438.4	86.246	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-06/12/85	6	2.155	1.815	2.362	0.	0.82	0.905	**	**	**	**

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

Parameter Inventory for Station: TIMU0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.343								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-04/08/91	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			10.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	25.	57.	210.	1.	6446.	80.287	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	1.374	1.212	2.322	0.	0.819	0.905	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.279								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2	0.923	0.923	1.	0.845	0.012	0.11	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			8.367								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	2 ##	0.06	0.06	0.1	0.019	0.003	0.057	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	9	12.	13.956	18.	10.8	7.508	2.74	10.8	12.	16.9	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: TIMU0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	6	0	0.00	3	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	6	0	0.00	3	0	0.00						
00400	PH	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	9	0	0.00	6	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	6	0	0.00	3	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	5	0	0.00	1	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	1	0.17	5	0	0.00	1	1	1.00						

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

Station Inventory for Station: TIMU0169

NPS Station ID: TIMU0169
LAT/LON: 30.599170/ -81.479587
Agency: 21FLA
Date Created: / /
Location: MARKER #20
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020018
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 23.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205003700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA BY UNLIGHTED MARKER #20 SOUTH OF MARKER 19

Parameter Inventory for Station: TIMU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/10/79	4	5.	5.	6.	4.	1.333	1.155	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/10/79	2	23.25	23.25	23.5	23.	0.125	0.354	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/10/79	2	9.45	9.45	9.7	9.2	0.125	0.354	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/10/79	2	0.725	0.725	0.75	0.7	0.001	0.035	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/10/79	2	65.	65.	80.	50.	450.	21.213	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/10/79	2	32750.	32750.	35500.	30000.	15125000.	3889.087	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/10/79	2	7.25	7.25	7.3	7.2	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/10/79	2	2.45	2.45	2.5	2.4	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/78-05/15/78	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-05/15/78	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-05/15/78	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/10/79	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/10/79	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/10/79	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/10/79	2	86.	86.	105.	67.	722.	26.87	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/10/79	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/10/79	2	75.5	75.5	94.	57.	684.5	26.163	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/79-04/10/79	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/10/79	2 ##	0.046	0.046	0.09	0.003	0.004	0.062	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-05/15/78	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/79-04/10/79	1	1.07	1.07	1.07	1.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-04/10/79	2	0.09	0.09	0.14	0.04	0.005	0.071	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/15/78	1	14480.	14480.	14480.	14480.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-05/15/78	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-05/15/78	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			130.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-05/15/78	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-05/15/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/10/79	2	10.9	10.9	12.8	9.	7.22	2.687	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	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.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	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: TIMU0170

NPS Station ID: TIMU0170
LAT/LON: 30.591588/ -81.479949
Agency: 21FLA
Date Created: / /
Location: MARKER #24
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020019
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205009
RF1 Mile Point: 22.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205003900.00
RF3 Mile Point: 1.37
Distance from RF3: 0.03
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, AMELIA LIGHTED MARKER #24

Parameter Inventory for Station: TIMU0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/78-04/08/91	15	4.	4.093	10.	0.	8.696	2.949	0.12	2.	6.	8.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/78-04/08/91	9	24.	25.033	31.	19.5	16.348	4.043	19.5	21.4	28.25	31.
00055	VELOCITY, STREAM FT/SEC	05/02/83-04/08/91	5	0.5	0.7	1.	0.5	0.075	0.274	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/15/78-04/08/91	9	9.5	10.667	26.	3.8	50.923	7.136	3.8	5.1	14.5	26.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/15/78-04/08/91	9	0.7	0.786	1.12	0.46	0.046	0.215	0.46	0.635	1.	1.12
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/15/78-04/08/91	9	60.	58.889	80.	30.	336.111	18.333	30.	45.	80.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/01/80-04/08/91	6	40000.	41550.	52000.	32500.	66175000.	8134.802	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/78-04/08/91	8	37200.	40262.5	50800.	31000.	63939821.429	7996.238	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/90-04/08/91	2	5.6	5.6	6.1	5.1	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/15/78-04/08/91	9	5.9	6.078	7.5	4.4	1.454	1.206	4.4	4.9	7.35	7.5
00310	BOD, 5 DAY, 20 DEG C MG/L	05/15/78-04/08/91	9	1.4	1.667	2.7	0.9	0.335	0.579	0.9	1.35	2.2	2.7
00400	PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.695	7.657	7.86	7.39	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/78-04/08/91	6	7.685	7.622	7.86	7.39	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	6	0.021	0.024	0.041	0.014	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/78-04/08/91	9	7.7	7.678	7.8	7.5	0.009	0.097	7.5	7.6	7.75	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/78-04/08/91	9	7.7	7.668	7.8	7.5	0.01	0.098	7.5	7.6	7.75	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/78-04/08/91	9	0.02	0.021	0.032	0.016	0.	0.005	0.016	0.018	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/08/90-04/08/91	2	111.5	111.5	117.	106.	60.5	7.778	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/14/81-04/08/91	6	29.75	29.417	33.	25.	10.242	3.2	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	56.	64.889	122.	3.	1723.611	41.516	3.	28.	107.5	122.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	10.	9.778	19.	3.	26.194	5.118	3.	5.	13.	19.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/15/78-04/08/91	9	48.	55.167	103.	0.5	1346.25	36.691	0.5	23.	94.5	103.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/78-10/08/90	8	0.23	0.331	1.	0.005	0.12	0.346	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/02/83-05/02/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/78-04/01/80	3	0.09	0.068	0.11	0.003	0.003	0.057	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/15/78-10/08/90	7	0.24	0.391	1.07	0.01	0.14	0.374	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/10/79-04/08/91	7	0.05	0.077	0.32	0.01	0.012	0.109	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/78-10/08/90	8	0.171	0.196	0.41	0.06	0.013	0.115	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/15/78-04/10/79	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/78-05/02/83	2	14334.5	14334.5	14489.	14180.	47740.5	218.496	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/83-10/08/90	2	1500.	1500.	2000.	1000.	500000.	707.107	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/08/90-04/08/91	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/08/90-04/08/91	2	1.54	1.54	1.602	1.477	0.008	0.088	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.641								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/78-06/12/85	6	214.5	779.667	2800.	70.	1204520.267	1097.506	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/78-06/12/85	6	2.221	2.458	3.447	1.845	0.484	0.696	**	**	**	**

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

Parameter Inventory for Station: TIMU0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			286.805								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/08/90-04/08/91	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/08/90-04/08/91	2	1.151	1.151	1.301	1.	0.045	0.213	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			14.142								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	33.	52.333	130.	1.	2959.067	54.397	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/78-06/12/85	6	1.519	1.34	2.114	0.	0.639	0.799	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.856								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	10/08/90-04/08/91	2 ##	0.651	0.651	0.699	0.602	0.005	0.069	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			4.472								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/15/78-10/08/90	2 ##	0.074	0.074	0.13	0.019	0.006	0.079	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/15/78-04/08/91	9	11.5	10.8	16.5	4.	18.373	4.286	4.	7.5	15.	16.5

** - 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: TIMU0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	6	0	0.00	3	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	6	0	0.00	3	0	0.00						
00400	PH	Marine Chronic	8.5	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	9	0	0.00	6	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	9	0	0.00	6	0	0.00	3	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	2	0.33	5	1	0.20	1	1	1.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0171

NPS Station ID: TIMU0171
LAT/LON: 30.393253/ -81.482921
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R NEAR BUOY NO 27
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030013
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 12.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205072100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER OFF JUNCTION OF ST JOHNS RIVER WITH CEDAR POINT CREEK AND HANNAH MILLS CREEK NEAR BUOY 27

Parameter Inventory for Station: TIMU0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0172

NPS Station ID: TIMU0172
LAT/LON: 30.391670/ -81.490282
Agency: 21FLWQA
Date Created: 07/18/87
Location: ST.JOHNS RIVER FULTON PT(FT.CAROLINE) 04/X3 BE1
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS33110 /SJWMD36
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 6.450
Distance from RF1: 0.10
On/Off RF1: ON
RF3 Index: 03080103009600.45
RF3 Mile Point: 0.45
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0173

NPS Station ID: TIMU0173
LAT/LON: 30.390837/ -81.490448
Agency: 21FLA
Date Created: / /
Location: ST JOHNS RIVER BUOY #32
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030049
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 12.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103009600.86
RF3 Mile Point: 0.86
Distance from RF3: 0.78
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM BUOY #32 OPPOSITE ST JOHNS BLUFF

Parameter Inventory for Station: TIMU0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0174

NPS Station ID: TIMU0174
Location: D-1123 J-1165
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103002
RF3 Index: 03080103266700.00
Description:

LAT/LON: 30.381948/ -81.492226
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 6.690
RF3 Mile Point: 0.00

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302255081293201
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.19

Date Created: 04/14/78
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: TIMU0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/76-10/29/76	1	495.	495.	495.	495.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/29/76-10/29/76	1	264.	264.	264.	264.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/29/76-10/29/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0175

NPS Station ID: TIMU0175 | LAT/LON: 30.559031/ -81.493087 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: NASSAU RIVER AT ALLIGATOR CREEK | FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR04
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR04 WAS AT THE NASSAU RIVER THREE-QUARTERS OF A KILOMETER SOUTHEAST OF SEYMOUR POINT AT THE ALLIGATOR CREEK POINT OF DISCHARGE AT MID-CHANNEL INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	33	0.7	5.339	20.	0.3	42.863	6.547	0.3	0.3	9.	17.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	1	46896.	46896.	46896.	46896.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	4	81.5	85.1	96.	81.4	52.807	7.267	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	1	30.5	30.5	30.5	30.5	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	2	0.995	0.995	1.12	0.87	0.031	0.177	**	**	**	**

** - 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 time series plot

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	24	0.7	5.654	20.	0.3	48.335	6.952	0.3	0.3	10.	19.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	9	0.3	4.5	16.	0.3	31.4	5.604	0.3	0.3	8.	16.

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

Station Inventory for Station: TIMU0176

NPS Station ID: TIMU0176
LAT/LON: 30.411948/ -81.493615
Agency: 21FLSJWM
Date Created: 07/17/93
Location: CEDAR POINT CREEK OFF OF SR 105
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CPC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0176

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: TIMU0177

NPS Station ID: TIMU0177
LAT/LON: 30.411948/ -81.493615
Agency: 21FLSJWM
Date Created: 09/18/93
Location: CEDAR POINT CREEK OFF OF SR 105
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CPC105
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/93-09/08/93	4	28.4	27.95	30.3	24.7	5.823	2.413	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/08/93-09/08/93	3	33.	32.333	34.	30.	4.333	2.082	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/12/93-09/08/93	4	0.45	0.513	1.	0.15	0.141	0.375	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/93-09/08/93	4	40.	37.5	50.	20.	225.	15.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/12/93-09/08/93	4	39850.	39650.	42400.	36500.	5856666.667	2420.055	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/12/93-09/08/93	3	7.5	7.6	8.1	7.2	0.21	0.458	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/93-09/08/93	4	6.55	6.425	6.9	5.7	0.303	0.55	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/93-09/08/93	4	6.482	6.158	6.9	5.7	0.398	0.631	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/93-09/08/93	4	0.33	0.695	1.995	0.126	0.78	0.883	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/93-09/08/93	4	103.5	103.75	110.	98.	28.25	5.315	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/12/93-09/08/93	4	57.	104.25	265.	38.	11714.917	108.235	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/93-07/28/93	2	0.024	0.024	0.029	0.019	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/12/93-09/08/93	4	0.825	1.038	2.07	0.43	0.536	0.732	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/12/93-09/08/93	4	0.015	0.02	0.04	0.01	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/12/93-09/08/93	3 ##	0.4	0.433	0.55	0.35	0.011	0.104	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/12/93-09/08/93	4	205.5	205.75	214.	198.	62.917	7.932	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/12/93-09/08/93	4	902.5	823.	979.	508.	46904.667	216.575	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/12/93-09/08/93	4	7590.	7612.5	8480.	6790.	749758.333	865.886	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/12/93-09/08/93	4	276.	276.25	299.	254.	508.25	22.544	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/93-09/08/93	4	13700.	13800.	14500.	13300.	260000.	509.902	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/93-09/08/93	3	1890.	2006.667	2540.	1590.	235833.333	485.627	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/12/93-09/08/93	4 ##	1.25	2.75	8.	0.5	12.75	3.571	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/12/93-09/08/93	4	431.	672.	1740.	86.	569898.	754.916	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/12/93-09/08/93	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/12/93-09/08/93	4	16.	15.5	19.	11.	11.667	3.416	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/93-09/08/93	4	7.5	12.	30.	3.	152.667	12.356	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/12/93-09/08/93	4	0.849	0.913	1.477	0.477	0.187	0.433	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.19								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/12/93-09/08/93	2	25.4	25.4	44.79	6.01	751.944	27.422	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-09/08/93	4	23.31	38.725	104.	4.28	2092.28	45.741	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/12/93-09/08/93	4 ##	-0.023	-0.311	0.205	-1.25	0.427	0.654	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/12/93-09/08/93	4	4.975	8.268	22.6	0.52	102.012	10.1	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/12/93-09/08/93	4	4.1	5.533	11.28	2.65	15.256	3.906	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/12/93-09/08/93	4	1.52	1.543	1.7	1.43	0.013	0.114	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/93-09/08/93	4	25450.	25850.	28500.	24000.	4190000.	2046.949	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/12/93-09/08/93	4	0.036	0.038	0.048	0.031	0.	0.008	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/12/93-09/08/93	4	10.65	10.425	17.7	2.7	51.982	7.21	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/12/93-09/08/93	4	1.2	1.25	2.	0.6	0.437	0.661	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	2	0.50	4	2	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	4	1.00	4	4	1.00									
		Drinking Water	250.	4	4	1.00	4	4	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	3	3	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	4	0	0.00									
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	4	0	0.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	4	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0178

NPS Station ID: TIMU0178
LAT/LON: 30.404670/ -81.493726
Agency: 11NPSWRD
Date Created: 09/16/99
Location: CEDAR POINT CREEK NORTH OF RT 105 BR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_BRD_CPK
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT FLORIDA-DUVAL COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION IS LOCATED INSIDE THE TIMUCUAN NATIONAL ECOLOGICAL AND HISTORIC PRESERVE BOUNDARY. THE SITE IS AT THE BEND IN CEDAR POINT CREEK 0.7 MILES NORTH OF STATE ROUTE 105. DATA ARE FROM A DATASONDE 3 HYDROLAB. DATA WERE COLLECTED BY THE USGS-BRD IN ORDER TO COMPARE WATER QUALITY PARAMETERS IN OPEN AND CLOSED TIDAL CREEKS. INVESTIGATORS COLLECTING DATA WARNED THAT BIOFILM DEVELOPMENT ON THE HYDROLAB MAY HAVE FOULED RESULTS. ONLY RUDIMENTARY EDITS WERE MADE BY NPS PRIOR TO UPLOADING THE DATA TO STORET. FOR PARK INFORMATION CONTACT THE RESOURCE MANAGER AT TIMUCUAN NATIONAL ECOLOGICAL AND HISTORIC PRESERVE; 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225-1227 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY MIKE MATZ; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/97-06/30/98	26330	20.7	21.011	31.8	9.	22.126	4.704	14.9	17.3	24.7	28.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/97-06/30/98	26330	33500.	32279.274	48600.	4420.	78063999.427	8835.383	19800.	27400.	39800.	42500.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/13/97-05/10/98	23638	5.9	5.659	10.	0.3	2.88	1.697	3.3	4.5	6.9	7.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/13/97-05/10/98	23638	71.3	69.296	131.6	4.6	333.523	18.263	43.8	59.2	81.8	90.6
00406	PH, FIELD, STANDARD UNITS SU	02/13/97-06/30/98	26330	7.69	7.697	8.22	7.04	0.04	0.2	7.44	7.56	7.85	7.96
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/13/97-06/30/98	26330	7.69	7.651	8.22	7.04	0.042	0.205	7.44	7.56	7.85	7.96
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/97-06/30/98	26330	0.02	0.022	0.091	0.006	0.	0.011	0.011	0.014	0.028	0.036
00480	SALINITY - PARTS PER THOUSAND	02/13/97-06/30/98	26330	21.	20.261	31.8	2.4	36.077	6.006	11.7	16.8	25.4	27.4
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/13/97-06/30/98	26302	11.5	17.262	853.	0.	871.982	29.529	0.	1.4	23.4	35.2

** - 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: TIMU0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	23638	4485	0.19	10730	4337	0.40	12908	148	0.01						
00406	PH, FIELD	Marine Chronic	8.5	26330	0	0.00	13422	0	0.00	12908	0	0.00						
		Other-Lo Lim.	6.5	26330	0	0.00	13422	0	0.00	12908	0	0.00						
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	26302	1359	0.05	13414	892	0.07	12888	467	0.04						

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

Station Inventory for Station: TIMU0179

NPS Station ID: TIMU0179 | LAT/LON: 30.384146/ -81.493751 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: SPANISH POND AT FORT CAROLINE NATIONAL MEMORIAL | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): FOCA_RESD_TIM15/SPIT
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 15 WAS AT SPANISH POND INSIDE FORT CAROLINE NATIONAL MEMORIAL (FOCA). THE POND WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT FOCA'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-02/19/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/97-02/18/98	5	26.	22.04	26.3	15.3	31.133	5.58	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/97-02/18/98	5	290.	265.4	323.	138.	5295.8	72.772	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/15/97-02/18/98	5	3.2	3.42	6.	1.8	2.412	1.553	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/15/97-02/18/98	5	39.1	38.8	62.	17.9	245.91	15.682	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/15/97-02/18/98	5	6.69	6.44	6.7	5.79	0.157	0.396	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/97-02/18/98	5	6.69	6.268	6.7	5.79	0.194	0.44	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/97-02/18/98	5	0.204	0.539	1.622	0.2	0.379	0.616	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/97-02/18/98	5	0.1	0.12	0.2	0.1	0.002	0.045	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-02/19/97	1	592000.	592000.	592000.	592000.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-02/19/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-02/19/97	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-02/19/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-02/19/97	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/19/97	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-02/19/97	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-02/19/97	1	564.	564.	564.	564.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-02/19/97	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-02/19/97	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-02/19/97	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-02/19/97	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-02/19/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	4	0.80	4	4	1.00	1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	2	0.40	4	1	0.25	1	1	1.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	1	1.00				1	1	1.00						
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00				1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0180

NPS Station ID: TIMU0180
LAT/LON: 30.384146/ -81.493751
Agency: 11NPSWRD
Date Created: 10/10/98
Location: CENTER OF SPANISH POND
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): FOCA_RESD_SP1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION WAS AT THE CENTER OF SPANISH POND INSIDE FORT CAROLINE NATIONAL MEMORIAL (FOCA). THE POND WAS SAMPLED AS PART OF A STUDY BY THE CITY OF JACKSONVILLE DEPARTMENT OF REGULATORY AND ENVIRONMENTAL SERVICES TO MEASURE CONTAMINANT LEVELS IN THE SEDIMENT. DATA WERE ATTACHED TO A LETTER FROM DANA MORTON TO DAN TARDONE OF THE NATIONAL PARK SERVICE CONTAINING THE CONCLUSIONS PERTAINING TO THE SPANISH POND SEDIMENT SAMPLES. FOR MORE INFORMATION CONTACT FOCA'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/30/93-07/30/93	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/93-07/30/93	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/93-07/30/93	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/30/93-07/30/93	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/30/93-07/30/93	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/30/93-07/30/93	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/93-07/30/93	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/30/93-07/30/93	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/30/93-07/30/93	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/30/93-07/30/93	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/30/93-07/30/93	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/93-07/30/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	07/29/93-07/29/93	1 ##	60.5	60.5	60.5	60.5	0.	0.	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	603.5	603.5	603.5	603.5	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	07/29/93-07/29/93	1 ##	1207.	1207.	1207.	1207.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0181

NPS Station ID: TIMU0181 LAT/LON: 30.392642/ -81.494226 Agency: 21FLA Date Created: 03/20/99
Location: NR BUOY 25-W OF SISTERS CR -L ST JOHNS R 26 O FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): WQAS20030000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
SYNOPTIC SURVEY OF THE LOWER ST JOHNS RIVER DONE IN AUG AND OCT 1997 NEAR STATION 20030012 AGENCY 21FLJXWQ

Parameter Inventory for Station: TIMU0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/16/97	29	10.	10.31	26.	1.	66.865	8.177	1.	1.	20.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/16/97	18	40.	42.083	100.	2.5	873.713	29.559	13.75	15.	60.	82.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/97-10/15/97	3	12.	11.667	13.	10.	2.333	1.528	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/16/97	24 ##	0.015	0.056	0.54	0.005	0.018	0.133	0.005	0.005	0.015	0.275
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/16/97	18	0.48	0.437	0.8	0.16	0.041	0.203	0.16	0.248	0.603	0.71
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/16/97	28	0.375	0.432	0.74	0.23	0.026	0.16	0.269	0.3	0.61	0.69
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/16/97	23	0.14	0.11	0.2	0.002	0.004	0.066	0.009	0.05	0.16	0.186
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/16/97	12	0.2	0.139	0.2	0.02	0.006	0.079	0.02	0.048	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/16/97	29	0.1	0.093	0.13	0.047	0.001	0.027	0.051	0.066	0.115	0.13
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/16/97	18	0.069	0.069	0.11	0.035	0.001	0.026	0.038	0.044	0.096	0.101
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/16/97	29	4.4	5.352	9.3	2.1	6.368	2.523	2.2	3.	7.6	8.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/16/97	13	11000.	13984.615	20000.	6700.	33111410.256	5754.251	6980.	8850.	20000.	20000.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/97-10/16/97	11	1400.	1665.455	2500.	920.	421527.273	649.251	936.	1000.	2400.	2500.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	27 ##	0.5	0.575	1.55	0.5	0.058	0.24	0.5	0.5	0.53	0.694
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	25 ##	0.5	0.51	0.56	0.5	0.	0.021	0.5	0.5	0.5	0.56
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/16/97	26	0.05	0.052	0.089	0.015	0.001	0.024	0.018	0.029	0.076	0.083
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/16/97	17	0.5	0.529	1.3	0.1	0.1	0.316	0.1	0.35	0.65	1.06

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

EPA Water Quality Criteria Analysis for Station: TIMU0181

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.

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

Station Inventory for Station: TIMU0182

NPS Station ID: TIMU0182
LAT/LON: 30.384894/ -81.494119
Agency: 11NPSWRD
Date Created: 10/10/98
Location: SPANISH POND ALONG SHORELINE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): FOCA_RESD_SP3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION WAS AT SPANISH POND ALONG THE SHORELINE ABOVE THE WATERLINE UNDER SOME SHORELINE VEGETATION IN THE SAME AREA AS STATION SP2 INSIDE FORT CAROLINE NATIONAL MEMORIAL (FOCA). THE POND WAS SAMPLED AS PART OF A STUDY BY THE CITY OF JACKSONVILLE DEPARTMENT OF REGULATORY AND ENVIRONMENTAL SERVICES TO MEASURE CONTAMINANT LEVELS IN THE SEDIMENT. DATA WERE ATTACHED TO A LETTER FROM DANA MORTON TO DAN TARDONE OF THE NATIONAL PARK SERVICE CONTAINING THE CONCLUSIONS PERTAINING TO THE SPANISH POND SEDIMENT SAMPLES. FOR MORE INFORMATION CONTACT FOCA'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/30/93-07/30/93	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/93-07/30/93	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/93-07/30/93	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/30/93-07/30/93	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/30/93-07/30/93	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/30/93-07/30/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/93-07/30/93	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/30/93-07/30/93	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/30/93-07/30/93	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/30/93-07/30/93	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/30/93-07/30/93	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/93-07/30/93	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	07/29/93-07/29/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	07/29/93-07/29/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0183

NPS Station ID: TIMU0183
LAT/LON: 30.565281/ -81.494448
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: ALLIGATOR CREEK AT MOUTH
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 6.70
On/Off RF1:
RF3 Index: 03070205067100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	25	25.2	22.68	30.2	11.1	32.952	5.74	14.96	16.1	27.25	30.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/23/90-03/05/91	2	21.5	21.5	27.	16.	60.5	7.778	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/23/90-03/05/91	2	25.	25.	50.	0.	1250.	35.355	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	10/23/90-10/23/90	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	23	44100.	39647.609	50600.	11500.	133686268.613	11562.278	18520.	35500.	48000.	50480.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	25	7.	6.74	9.2	5.	1.678	1.295	5.1	5.45	7.7	8.8
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	23	7.7	7.523	7.93	6.2	0.188	0.433	6.82	7.3	7.8	7.868
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	23	7.7	7.198	7.93	6.2	0.298	0.546	6.82	7.3	7.8	7.868
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	23	0.02	0.063	0.631	0.012	0.017	0.131	0.014	0.016	0.05	0.16
00480	SALINITY - PARTS PER THOUSAND	11/09/87-07/27/92	15	30.6	29.353	33.2	19.2	17.16	4.142	21.6	27.	32.7	33.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	9	58.	66.222	130.	39.	840.444	28.99	39.	43.5	79.	130.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	16	## 0.011	0.03	0.13	0.002	0.001	0.038	0.004	0.006	0.048	0.099
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	8	0.585	0.578	1.1	0.173	0.128	0.358	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	17	0.02	0.026	0.14	0.001	0.001	0.032	0.003	0.008	0.035	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	13	0.078	0.081	0.14	0.04	0.001	0.03	0.044	0.057	0.091	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	13	6000.	5412.308	8000.	2500.	2280569.231	1510.155	2940.	4190.	6350.	7520.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	13	18994.	17037.615	21200.	7300.	14131888.923	3759.24	9580.	14897.5	19350.	20720.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	6	## 0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	14	315.	319.429	583.	100.	23019.956	151.723	120.	185.	418.25	577.5
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	6	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	11/13/85-11/13/85	1	## 17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	840.	840.	840.	840.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	6	## 1.25	29.917	170.	0.5	4714.142	68.66	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	05/15/90-03/05/91	2	## 700.25	700.25	1400.	0.5	979300.125	989.596	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	11	37.	47.455	169.	0.5	2856.223	53.444	1.	4.	91.	154.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	4	225.	204.5	280.	88.	8054.333	89.746	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7	## 0.5	10.357	65.	0.5	581.726	24.119	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	11	## 2.5	43.909	240.	0.5	7553.991	86.914	0.5	1.	25.	231.2
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	10	## 4.5	26.05	90.	0.5	1381.081	37.163	0.5	0.5	74.	88.4
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	12	34.75	72.125	250.	0.5	7814.778	88.401	0.95	2.375	159.	232.9
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	15	23.	50.4	280.	1.	5352.257	73.159	2.8	10.	70.	190.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	15	1.362	1.314	2.447	0.	0.424	0.651	0.361	1.	1.845	2.247
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.603								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	16	## 6.	13.375	50.	1.	274.783	16.577	1.	1.	23.	49.3

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

Parameter Inventory for Station: TIMU0183

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)	11/13/85-07/27/92	16 ##	0.772	0.731	1.699	0.	0.435	0.66	0.	0.	1.362	1.693
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.378								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5 ##	0.2	0.23	0.5	0.1	0.027	0.164	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/23/90-07/27/92	5	4.9	5.22	6.	4.5	0.467	0.683	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	17	5.1	5.882	15.	2.	12.695	3.563	2.56	3.45	6.9	13.72

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

EPA Water Quality Criteria Analysis for Station: TIMU0183

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	25	0	0.00	18	0	0.00	7	0	0.00						
00400	PH	Marine Chronic	8.5	23	0	0.00	16	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	23	1	0.04	16	0	0.00	7	1	0.14						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	1	0.17	4	0	0.00	2	1	0.50						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1 &	1	1.00	1	1	1.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	11	1	0.09	9	1	0.11	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	1	0.14	6	1	0.17	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	1	0.09	10	1	0.10	1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	10 &	7	0.70	8	6	0.75	2	1	0.50						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	10	0	0.00	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	0	0.00	11	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	18	25.9	25.733	30.2	19.8	10.208	3.195	21.06	22.75	28.025	30.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	16	46958.	42187.188	50600.	11500.	115706894.296	10756.714	20950.	37550.	49500.	50600.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	18	5.95	6.3	8.6	5.	1.326	1.151	5.09	5.275	7.625	7.79
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	16	7.68	7.574	7.9	7.	0.085	0.292	7.	7.325	7.813	7.844
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	16	7.68	7.468	7.9	7.	0.097	0.312	7.	7.325	7.812	7.844
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	16	0.021	0.034	0.1	0.013	0.001	0.028	0.014	0.015	0.048	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	12 ##	0.007	0.017	0.08	0.002	0.001	0.024	0.003	0.005	0.018	0.071
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	12 ##	0.02	0.017	0.04	0.001	0.	0.011	0.002	0.006	0.02	0.037
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	10	378.	350.2	583.	100.	27360.4	165.41	104.	200.	473.	581.9
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	9	53.	53.833	169.	3.	3235.25	56.879	3.	4.	92.5	169.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	10 ##	3.75	48.25	240.	0.5	8163.014	90.349	0.55	1.75	67.75	235.6
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	9	64.	88.222	250.	0.5	9431.757	97.117	0.5	2.75	186.5	250.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	10	10.5	31.2	130.	1.	1705.511	41.298	1.3	4.	54.25	124.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	10	1.021	1.126	2.114	0.	0.414	0.643	0.06	0.602	1.729	2.087
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.355								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	11 ##	4.	9.636	49.	1.	215.455	14.678	1.	1.	10.	43.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	11 ##	0.602	0.578	1.69	0.	0.389	0.624	0.	0.	1.	1.625
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.78								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	12	5.3	6.65	15.	2.7	15.308	3.913	2.91	3.75	8.175	14.52

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	15.	14.829	16.4	11.1	2.996	1.731	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	7	35700.	33842.857	50000.	18000.	144406190.476	12016.913	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	7.7	7.871	9.2	7.	0.879	0.938	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.72	7.404	7.93	6.2	0.451	0.672	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.72	6.884	7.93	6.2	0.767	0.876	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	7	0.019	0.131	0.631	0.012	0.053	0.231	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	4	0.063	0.067	0.13	0.013	0.003	0.051	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	5	0.04	0.049	0.14	0.003	0.003	0.053	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	4	225.	242.5	350.	170.	6625.	81.394	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	2 ##	18.75	18.75	37.	0.5	666.125	25.809	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	3	19.5	23.833	50.	2.	590.083	24.292	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	5	50.	88.8	280.	11.	12130.7	110.139	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	5	1.699	1.69	2.447	1.041	0.287	0.536	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.031								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	5	23.	21.6	50.	1.	368.8	19.204	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	5	1.362	1.067	1.699	0.	0.452	0.672	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.68								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	5	3.9	4.04	6.	2.	2.673	1.635	**	**	**	**

** - 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

Station Inventory for Station: TIMU0184

NPS Station ID: TIMU0184 | LAT/LON: 30.384675/ -81.494722 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: SPANISH POND TWENTY FEET FROM SHORE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): FOCA_RESD_SP2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION WAS AT SPANISH POND TWENTY FEET FROM THE SHORE AT THE POINT WHERE FORT CAROLINE ROAD IS CLOSEST TO THE POND INSIDE FORT CAROLINE NATIONAL MEMORIAL (FOCA). THE POND WAS SAMPLED AS PART OF A STUDY BY THE CITY OF JACKSONVILLE DEPARTMENT OF REGULATORY AND ENVIRONMENTAL SERVICES TO MEASURE CONTAMINANT LEVELS IN THE SEDIMENT. DATA WERE ATTACHED TO A LETTER FROM DANA MORTON TO DAN TARDONE OF THE NATIONAL PARK SERVICE CONTAINING THE CONCLUSIONS PERTAINING TO THE SPANISH POND SEDIMENT SAMPLES. FOR MORE INFORMATION CONTACT FOCA'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/30/93-07/30/93	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/30/93-07/30/93	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/30/93-07/30/93	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/30/93-07/30/93	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/30/93-07/30/93	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/30/93-07/30/93	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/30/93-07/30/93	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	07/30/93-07/30/93	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/30/93-07/30/93	1	86.	86.	86.	86.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/30/93-07/30/93	1	6500.	6500.	6500.	6500.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/30/93-07/30/93	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/30/93-07/30/93	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
61196	BHC,BETA, AND BHC,GAMMA,SEDIMENT DRY WGT BOT UG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
61197	TRICHLOROBIPHENYL,2,3',5-,(PCB#26)DRY WT BOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61198	PENTACHLOROBIPHENYL,2,3',4,4',5-(118)DWT BOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61199	HEXACHLOROBIPHENYL,2,2',3,4,4',5'-(138)DWBOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61200	HEXACHLOROBIPHENYL,2,2',4,4',5,5'-(153)DWBOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61201	CHLORDANE,ALPHA- SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61202	PENTACHLOROBIPHENYL,3,3',4,4',5-(126)DWT BOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61203	HEXACHLOROBIPHENYL,3,3',4,4',5,5'-(169)DWBOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
61204	TETRACHLOROBIPHENYL,2,3',4,4'-,(66)DRYWT BOT UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/30/93-07/30/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
75041	BHC,ALPHA- SEDIMENT,DRY,WT,UG/KG	07/29/93-07/29/93	1 ##	22.	22.	22.	22.	0.	0.	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	07/29/93-07/29/93	1 ##	218.5	218.5	218.5	218.5	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	07/29/93-07/29/93	1 ##	437.5	437.5	437.5	437.5	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: TIMU0185

NPS Station ID: TIMU0185 LAT/LON: 30.567727/ -81.495281 Agency: 11NPSWRD Date Created: 10/10/98
Location: ALLIGATOR CK 50 M UPSTREAM OF CONFLUENCE FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 07 WAS AT ALLIGATOR CREEK 50 METERS UPSTREAM FROM CONFLUENCE WITH NASSAU RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 07 PREVIOUSLY WAS LABELED NR4. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	54	8.	8.185	19.	1.	34.116	5.841	1.	2.	14.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	40	22.45	23.02	29.6	15.5	30.809	5.551	15.51	17.6	29.	29.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	24.	23.143	29.5	17.	21.226	4.607	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	20.	34.	100.	0.	2052.	45.299	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	7.3	8.157	12.3	5.5	8.176	2.859	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	0.96	0.961	1.26	0.76	0.044	0.211	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	40	45386.5	43069.375	48488.	15877.	43123589.163	6566.855	34737.	44022.75	46196.	47940.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	40	6.45	6.368	8.7	5.1	1.109	1.053	5.11	5.3	7.4	7.69
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	40	85.6	86.447	102.6	78.9	37.292	6.107	79.59	81.575	88.35	97.43
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	8 ##	0.5	0.688	1.	0.5	0.067	0.259	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	40	7.77	7.733	7.98	7.51	0.012	0.111	7.6	7.623	7.79	7.889
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	40	7.77	7.72	7.98	7.51	0.013	0.112	7.6	7.623	7.79	7.889
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	40	0.017	0.019	0.031	0.01	0.	0.005	0.013	0.016	0.024	0.025
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	40	29.45	27.823	31.7	9.3	21.028	4.586	21.82	28.425	30.075	31.28
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	8	18.	15.75	23.	2.	47.071	6.861	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	8	0.02	0.03	0.099	0.005	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	8	0.387	0.552	1.5	0.254	0.171	0.414	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	8	0.058	0.053	0.074	0.026	0.	0.016	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	8	5458.5	5067.375	6738.	1477.	2842525.982	1685.979	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	7	653000.	609285.714	785000.	258000.30	236571428.571	173886.663	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	8	16460.	14501.125	17580.	4413.	20048347.268	4477.538	**	**	**	**

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

Parameter Inventory for Station: TIMU0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	7	385.	362.857	436.	184.	7207.476	84.897	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	7 ##	5.	9.	27.	5.	68.	8.246	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	6 ##	1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	7	773.	718.714	907.	436.	29623.905	172.116	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	7 ##	1.5	1.786	2.5	1.5	0.238	0.488	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	7 ##	10.	16.857	29.	10.	82.143	9.063	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	7 ##	5.	7.286	21.	5.	36.571	6.047	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	7 ##	2.5	3.143	7.	2.5	2.893	1.701	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	8	0.016	0.018	0.027	0.011	0.	0.007	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	6	6.5	6.5	9.	3.	5.196	2.279	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	40	0	0.00	32	0	0.00	8	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	40	0	0.00	32	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	40	0	0.00	32	0	0.00	8	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	7	0	0.00	5	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	5	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	7	0	0.00	5	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	5	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	5	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	1	0.14	5	1	0.20	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	5	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0186

NPS Station ID: TIMU0186
LAT/LON: 30.522226/ -81.495837
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: PUMPKIN HILL CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0005
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 03070205000702.62
RF3 Mile Point: 2.66
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	25	26.	23.172	30.4	11.	35.119	5.926	15.	16.75	28.1	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/06/91	3	26.7	26.4	30.	22.5	14.13	3.759	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/14/89-03/06/91	4	35.	37.5	80.	0.	1491.667	38.622	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/19/89-03/06/91	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	19	41896.	34296.053	48500.	11500.	170778358.497	13068.219	13200.	20200.	46500.	47800.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	25	6.1	5.988	9.	3.6	2.553	1.598	3.6	4.6	7.5	8.12
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	23	7.3	7.196	7.7	6.6	0.108	0.328	6.66	7.	7.46	7.548
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	23	7.3	7.072	7.7	6.6	0.124	0.352	6.66	7.	7.46	7.548
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	23	0.05	0.085	0.251	0.02	0.005	0.07	0.029	0.035	0.1	0.222
00480	SALINITY - PARTS PER THOUSAND	10/11/88-07/27/92	14	26.9	24.743	34.	11.9	71.392	8.449	11.9	14.225	31.55	33.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	9	58.	56.	94.	35.	331.	18.193	35.	41.5	65.5	94.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	17 ##	0.01	0.021	0.1	0.002	0.001	0.027	0.004	0.006	0.028	0.076
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	8	0.745	0.808	1.8	0.21	0.212	0.46	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	17 ##	0.02	0.027	0.12	0.001	0.001	0.031	0.003	0.005	0.04	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	13	0.09	0.094	0.14	0.04	0.001	0.033	0.047	0.065	0.125	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	13	5300.	4971.538	7800.	1800.	3583030.769	1892.89	1960.	3175.	6240.	7600.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	13	17000.	15360.769	23500.	5200.	29766470.359	5455.866	5840.	11500.	19100.	22297.6
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	6 ##	0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	14	301.	335.571	632.	100.	20037.341	141.553	135.	251.75	439.75	566.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	6	2.	42.	240.	1.	9412.4	97.018	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/19/89-03/06/91	2	316.	316.	630.	2.	197192.	444.063	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	12	15.75	51.625	200.	0.5	4034.551	63.518	1.55	8.125	83.	181.7
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	7	300.	504.286	1800.	180.	331661.905	575.901	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	8 ##	2.75	10.5	63.	0.5	457.571	21.391	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	12	7.	74.5	460.	2.	19868.773	140.957	2.	2.5	132.	385.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	11	5.	46.727	210.	0.5	4823.768	69.453	0.5	1.	101.	192.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	13	29.	76.	240.	0.5	7301.542	85.449	1.5	7.	153.5	228.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	16	45.	62.813	180.	10.	2411.496	49.107	19.1	30.	80.	152.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	16	1.651	1.678	2.255	1.	0.115	0.339	1.253	1.477	1.903	2.179
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.664								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	16	17.	25.688	130.	2.	918.896	30.313	3.4	10.75	30.	74.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	16	1.23	1.221	2.114	0.301	0.177	0.421	0.512	1.028	1.477	1.823

** - Less than 9 observations ## - 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: TIMU0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.651								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	03/06/91-07/27/92	2	3.1	3.1	3.4	2.8	0.18	0.424	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	17	5.7	6.341	17.	2.3	10.693	3.27	2.7	4.45	7.4	10.6

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

EPA Water Quality Criteria Analysis for Station: TIMU0186

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	25	3	0.12	18	3	0.17	7	0	0.00						
00400	PH	Marine Chronic	8.5	23	0	0.00	16	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	23	0	0.00	16	0	0.00	7	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	3	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	3	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	1	0.17	5	1	0.20	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	2	2	1.00	1	1	1.00	1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	2	0.17	11	2	0.18	1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	1	0.13	6	1	0.17	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	1	0.08	10	1	0.10	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	12 &	11	0.92	9	8	0.89	3	3	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	0	0.00	11	0	0.00	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	0	0.00	11	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	3	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	18	27.25	26.244	30.4	19.3	12.165	3.488	19.48	22.875	28.4	30.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	14	42463.5	40451.786	48500.	22500.	75592938.797	8694.42	23750.	34000.	47625.	48150.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	18	5.05	5.233	7.5	3.6	1.34	1.158	3.6	4.275	6.225	6.6
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	16	7.35	7.246	7.7	6.75	0.089	0.298	6.785	7.	7.46	7.63
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	16	7.347	7.147	7.7	6.75	0.1	0.316	6.785	7.	7.46	7.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	16	0.045	0.071	0.178	0.02	0.003	0.052	0.024	0.035	0.1	0.164
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	12 ##	0.007	0.016	0.07	0.002	0.	0.02	0.003	0.006	0.018	0.061
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	12 ##	0.013	0.017	0.05	0.001	0.	0.015	0.002	0.005	0.02	0.047
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	10	296.	323.3	632.	100.	24671.789	157.073	107.	192.5	439.75	614.5
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	11	17.5	56.273	200.	4.	4152.868	64.443	4.8	8.5	84.	187.8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	10	7.	88.2	460.	2.	23029.233	151.754	2.05	2.5	180.	435.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	9	49.	88.5	240.	0.5	8923.25	94.463	0.5	7.	188.5	240.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	11	50.	71.364	180.	10.	3167.855	56.284	12.6	23.	130.	172.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	11	1.699	1.711	2.255	1.	0.154	0.392	1.072	1.362	2.114	2.233
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.369								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	11	14.	28.818	130.	2.	1317.964	36.304	2.4	10.	31.	114.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	11	1.146	1.215	2.114	0.301	0.248	0.498	0.361	1.	1.491	2.031
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.387								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	12	6.05	6.767	17.	4.	11.53	3.396	4.12	5.175	6.875	14.24

** - 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: 11/15 to 4/14 - Station TIMU0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	16.2	15.271	16.8	11.	4.866	2.206	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	5	20200.	17060.	20200.	11500.	18848000.	4341.428	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	7	7.6	7.929	9.	7.5	0.312	0.559	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.	7.081	7.47	6.6	0.15	0.387	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	7	7.	6.938	7.47	6.6	0.174	0.417	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	7	0.1	0.115	0.251	0.034	0.009	0.097	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	5	0.025	0.034	0.1	0.004	0.001	0.038	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	5	0.04	0.051	0.12	0.003	0.002	0.046	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	4	345.	366.25	500.	275.	11056.25	105.149	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	4	24.25	47.875	140.	3.	3887.396	62.349	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/13/85-07/27/92	5	30.	44.	80.	30.	480.	21.909	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/13/85-07/27/92	5	1.477	1.607	1.903	1.477	0.037	0.192	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.428								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	5	17.	18.8	30.	8.	64.7	8.044	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/13/85-07/27/92	5	1.23	1.237	1.477	0.903	0.045	0.212	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.247								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	5	4.5	5.32	9.	2.3	9.217	3.036	**	**	**	**

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

Station Inventory for Station: TIMU0187

NPS Station ID: TIMU0187 LAT/LON: 30.389031/ -81.496142 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER NORTH OF FORT CAROLINE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_SJ_K
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MAYPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION K WAS AT THE ST. JOHNS RIVER DIRECTLY NORTH OF FORT CAROLINE NATIONAL MEMORIAL INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION K WAS DETERMINED FROM FIGURE 2.5-13 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	8	1638.5	1638.5	3277.	0.	3068208.286	1751.63	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	4	1.3	1.275	2.	0.5	0.543	0.737	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	4	29.5	28.75	38.	18.	87.583	9.359	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	8	16.85	19.388	27.9	13.3	43.707	6.611	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	4	53.	59.	84.	46.	312.667	17.682	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	8 ##	0.14	0.14	0.28	0.	0.022	0.15	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	8	0.03	0.027	0.06	0.	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/08/74-04/23/74	8	0.56	0.508	0.56	0.28	0.011	0.104	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	8	0.765	1.353	5.	0.14	2.593	1.61	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	8	0.055	0.053	0.08	0.02	0.001	0.03	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	4	10.	9.75	13.	6.	10.917	3.304	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	4	55.	55.	60.	50.	33.333	5.774	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	8	0.045	0.046	0.06	0.04	0.	0.007	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	4	0.65	0.7	1.	0.5	0.06	0.245	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	4	0.065	0.07	0.09	0.06	0.	0.014	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	4	0.025	0.03	0.05	0.02	0.	0.014	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	4	1.85	2.225	3.8	1.4	1.283	1.132	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Marine Acute	2.9	8	0	0.00	4	0	0.00	4	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	4	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	4	2	0.50	4	2	0.50									

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

Station Inventory for Station: TIMU0188

NPS Station ID: TIMU0188
LAT/LON: 30.391420/ -81.496866
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR NEAR CM 34
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	122	21.85	21.784	33.	10.5	35.257	5.938	13.56	16.65	27.5	28.84
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/18/96	34	26.	25.032	33.	11.	27.357	5.23	17.25	21.	29.	32.
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	76	2.5	30.921	100.	0.	1428.474	37.795	0.	0.	70.	91.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	80	0.9	0.918	2.4	0.	0.136	0.369	0.535	0.69	1.	1.393
00080	COLOR (PLATINUM-COBALT UNITS)	10/22/86-08/06/91	20	70.5	65.9	91.	20.	284.095	16.855	41.4	57.5	76.	83.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	116	32812.5	32053.853	51900.	8498.	86068206.004	9277.295	18670.6	24659.	38625.	43360.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	121	7.	7.016	11.	4.5	1.989	1.41	5.1	5.75	8.05	8.98
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	101	1.1	1.253	8.8	0.	1.01	1.005	0.32	0.7	1.6	2.1
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	120	7.705	7.535	8.2	5.9	0.283	0.532	6.51	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	120	7.705	7.07	8.2	5.9	0.501	0.708	6.51	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	120	0.02	0.085	1.259	0.006	0.034	0.185	0.01	0.013	0.032	0.31
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	117	22.	22.113	35.	4.8	51.581	7.182	11.48	15.9	28.	31.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	120	24.5	30.875	500.	0.	2000.009	44.721	14.	18.25	34.	42.9
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	85	0.65	0.662	1.68	0.	0.091	0.302	0.29	0.51	0.805	0.964
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	118	0.05	0.046	0.18	0.	0.001	0.026	0.015	0.03	0.06	0.064
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	123	0.56	0.585	1.86	0.	0.132	0.363	0.1	0.32	0.73	1.024
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	117	0.08	0.118	0.44	0.	0.008	0.089	0.038	0.05	0.185	0.26
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/07/96-08/07/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	123	0.09	0.086	0.34	0.005	0.002	0.043	0.04	0.05	0.1	0.13
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/96-08/07/96	1	0.056	0.056	0.056	0.056	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/96-08/07/96	1	4845.	4845.	4845.	4845.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	4	460.5	484.25	672.	344.	27422.917	165.599	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	119	13313.	12785.294	25992.	0.	22814048.464	4776.405	6123.	9116.	16245.	18244.
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	4 ##	2.5	32.125	121.	2.5	3510.563	59.25	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	4 ##	2.5	2.75	4.	2.	0.75	0.866	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	4	360.	354.75	446.	253.	6511.583	80.694	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-04/11/96	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	20.	20.	40.	0.	800.	28.284	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	100	80.	140.05	1600.	4.	43282.048	208.043	13.	22.5	170.	300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	100	1.903	1.834	3.204	0.602	0.29	0.539	1.114	1.35	2.23	2.477
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			68.307								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	21	30.	46.381	240.	2.	3123.548	55.889	2.	14.	60.	126.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	21	1.477	1.37	2.38	0.301	0.349	0.591	0.301	1.102	1.772	2.099
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			23.45								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	85	20.	40.318	350.	2.	3527.386	59.392	5.8	10.	40.	92.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	85	1.301	1.309	2.544	0.301	0.251	0.501	0.748	1.	1.602	1.958
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.368								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-08/07/96	46	0.	0.227	4.82	0.	0.817	0.904	0.	0.	0.	0.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/11/87-08/06/91	3	3.	3.6	5.1	2.7	1.71	1.308	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/07/96-08/07/96	1	4845.	4845.	4845.	4845.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	63	0.04	0.046	0.11	0.	0.001	0.029	0.01	0.02	0.07	0.086
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	19 ##	0.55	1.026	2.	0.25	0.61	0.781	0.25	0.35	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/22/86-08/06/91	16	43.5	45.625	61.	39.	29.717	5.451	41.1	42.	50.	53.3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	99	6.	6.125	22.	0.	14.761	3.842	0.	4.2	7.5	9.1
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	109	12.	13.343	42.	6.2	45.784	6.766	10.4	11.	12.8	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: TIMU0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	121	0	0.00	73	0	0.00	48	0	0.00						
00400	PH	Fresh Chronic	9.	120	0	0.00	72	0	0.00	48	0	0.00						
		Other-Lo Lim.	6.5	120	12	0.10	72	5	0.07	48	7	0.15						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	117	0	0.00	73	0	0.00	44	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	119	118	0.99	71	71	1.00	48	47	0.98						
		Drinking Water	250.	119	118	0.99	71	71	1.00	48	47	0.98						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	2	0	0.00	1	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	100	1	0.01	58	1	0.02	42	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	21	1	0.05	10	0	0.00	11	1	0.09						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	85	4	0.05	54	3	0.06	31	1	0.03						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	99	0	0.00	62	0	0.00	37	0	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 1986 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	8	24.25	23.725	29.5	15.8	19.805	4.45	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	4	35474.	32289.	37908.	20300.	68821618.	8295.88	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	8	7.2	7.063	8.4	5.3	1.148	1.072	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	3	1.6	1.467	2.	0.8	0.373	0.611	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	8	7.7	7.788	8.2	7.4	0.07	0.264	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	8	7.7	7.722	8.2	7.4	0.075	0.273	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	8	0.02	0.019	0.04	0.006	0.	0.011	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	3	25.	24.333	27.	21.	9.333	3.055	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	3	32.	29.	37.	18.	97.	9.849	**	**	**	**
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	5	0.1	0.388	1.28	0.	0.287	0.536	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	3	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	7	0.	0.214	1.	0.	0.135	0.367	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	7	0.1	0.166	0.44	0.	0.023	0.153	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	7	0.1	0.124	0.2	0.03	0.004	0.061	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	4	18491.	19506.	25361.	15681.	17474636.	4180.267	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	3	110.	100.	140.	50.	2100.	45.826	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	3	2.041	1.962	2.146	1.699	0.055	0.234	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			91.657								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	10.	14.6	33.	10.	105.8	10.286	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	1.	1.104	1.519	1.	0.054	0.232	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.697								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	3	7.5	7.433	8.8	6.	1.963	1.401	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	5	12.8	12.74	14.	11.9	0.648	0.805	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	20.	21.292	29.5	11.5	40.248	6.344	11.65	17.25	27.75	29.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	35724.5	34574.417	42700.	22700.	47678934.811	6904.993	22940.	29836.	41100.	42670.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	8.	7.591	9.3	4.5	2.927	1.711	4.56	6.5	9.	9.26
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	2.05	2.417	8.8	0.9	4.456	2.111	0.9	1.175	2.5	7.03
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.792	8.1	7.2	0.05	0.223	7.35	7.7	7.9	8.07
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.725	8.1	7.2	0.055	0.234	7.35	7.7	7.9	8.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.016	0.019	0.063	0.008	0.	0.014	0.009	0.013	0.02	0.05
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	27.	23.917	32.	6.	69.538	8.339	7.8	17.5	30.	31.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	36.5	39.	64.	14.	189.273	13.758	17.6	29.	50.75	61.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.06	0.061	0.07	0.06	0.	0.003	0.06	0.06	0.06	0.067
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.15	0.25	0.8	0.	0.066	0.258	0.	0.1	0.3	0.77
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.065	0.077	0.17	0.025	0.002	0.041	0.033	0.05	0.103	0.158
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.075	0.09	0.34	0.01	0.007	0.085	0.013	0.045	0.105	0.274
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	14978.5	14424.833	18935.	8860.	10793586.333	3285.359	8936.8	11716.25	16691.25	18714.2
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	40.	110.083	500.	21.	19856.447	140.913	23.7	30.	160.	422.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	1.602	1.807	2.699	1.322	0.191	0.437	1.369	1.477	2.201	2.603
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			64.1								
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	2	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Annual Analysis for 1988 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	22.	21.5	28.3	10.9	39.784	6.307	11.12	15.8	28.	28.24
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	9	29000.	29211.111	38100.	14600.	47223611.111	6871.944	14600.	26350.	34300.	38100.

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

Annual Analysis for 1988 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	8.2	8.236	11.	6.1	2.295	1.515	6.12	6.9	9.1	10.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	1.6	1.418	2.1	0.3	0.334	0.578	0.34	1.2	1.9	2.08
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.75	7.63	8.	6.5	0.196	0.442	6.59	7.475	7.925	8.
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.747	7.308	8.	6.5	0.311	0.557	6.59	7.475	7.925	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	10	0.018	0.049	0.316	0.01	0.009	0.094	0.01	0.012	0.034	0.289
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	22.	23.273	35.	10.	49.418	7.03	11.4	19.	28.	34.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	24.	22.636	40.	12.	61.255	7.827	12.4	16.	26.	37.6
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	5	0.85	0.886	1.06	0.76	0.013	0.115	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	9	0.06	0.065	0.09	0.06	0.	0.01	0.06	0.06	0.068	0.09
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	11	0.6	0.541	0.8	0.2	0.046	0.215	0.22	0.35	0.7	0.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	9	0.13	0.152	0.36	0.05	0.013	0.113	0.05	0.05	0.245	0.36
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	11	0.07	0.081	0.16	0.02	0.002	0.043	0.024	0.05	0.11	0.154
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	9	12182.	12209.	16096.	6585.	7733973.5	2781.002	6585.	10730.	14202.5	16096.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	220.	263.636	900.	50.	53125.455	230.49	62.	130.	300.	790.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	2.342	2.307	2.954	1.699	0.106	0.326	1.767	2.114	2.477	2.872
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			202.636								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	70.	144.	350.	30.	20780.	144.153	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	1.845	1.945	2.544	1.477	0.249	0.499	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			88.049								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	5	8.	8.1	10.	6.5	2.05	1.432	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	9	12.2	24.444	42.	11.	232.49	15.248	11.	11.45	40.	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 1989 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.25	21.542	29.	11.	38.748	6.225	12.2	15.375	27.	29.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	40686.5	41565.083	51900.	27300.	37413793.174	6116.682	30270.	39600.	45254.75	50730.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.4	6.833	10.8	5.	3.062	1.75	5.03	5.4	7.75	10.32
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.7	1.567	2.2	0.9	0.179	0.423	0.93	1.2	1.875	2.17
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.9	7.745	8.02	5.9	0.345	0.587	6.47	7.8	8.	8.02
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.9	6.934	8.02	5.9	1.062	1.03	6.47	7.8	8.	8.02
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.013	0.116	1.259	0.01	0.129	0.36	0.01	0.01	0.016	0.886
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	29.	27.75	32.	19.	17.841	4.224	19.6	26.	31.	32.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	28.5	25.667	34.	10.	75.152	8.669	10.	20.25	32.75	34.
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.45	0.467	0.81	0.15	0.059	0.242	0.15	0.193	0.723	0.795
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.06	0.06	0.15	0.03	0.001	0.031	0.03	0.035	0.06	0.124
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.35	0.398	0.76	0.1	0.058	0.24	0.1	0.143	0.635	0.742
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.05	0.069	0.16	0.04	0.001	0.038	0.043	0.05	0.095	0.148
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.05	0.058	0.11	0.03	0.001	0.026	0.03	0.04	0.07	0.107
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	16996.5	17026.583	21022.	10379.	11824883.356	3438.733	10946.3	14828.5	20501.25	20969.8
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	48.5	78.75	240.	4.	7378.75	85.9	4.9	9.5	150.	234.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	1.638	1.563	2.38	0.602	0.389	0.624	0.675	0.976	2.161	2.369
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			36.588								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	13.	39.583	240.	2.	4690.629	68.488	2.	2.	60.	192.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.114	1.086	2.38	0.301	0.509	0.713	0.301	0.301	1.753	2.237
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.182								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	5.2	5.564	8.3	3.	2.739	1.655	3.2	4.5	7.	8.24
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	12	12.2	11.6	12.8	6.2	3.125	1.768	7.64	11.675	12.2	12.8

** - 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 1990 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	23.	22.042	29.	11.5	35.521	5.96	12.55	16.625	27.5	28.85
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	36700.	36866.667	44400.	31200.	23804242.424	4878.959	31380.	32350.	42150.	44130.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.65	6.5	9.4	4.8	2.024	1.423	4.86	5.025	7.6	8.89
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.2	1.167	1.6	0.5	0.088	0.296	0.62	1.	1.375	1.57
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.758	8.	7.5	0.017	0.131	7.53	7.7	7.8	7.97
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.74	8.	7.5	0.018	0.133	7.53	7.7	7.8	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.016	0.018	0.032	0.01	0.	0.006	0.011	0.016	0.02	0.03
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	25.5	25.583	32.	20.	20.265	4.502	20.3	21.25	30.25	31.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	29.5	29.75	41.	17.	79.295	8.905	17.9	21.25	39.5	40.7
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.655	0.649	0.9	0.29	0.022	0.149	0.359	0.603	0.732	0.864
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.05	0.053	0.07	0.04	0.	0.009	0.043	0.05	0.058	0.07
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.63	0.608	0.76	0.26	0.016	0.128	0.338	0.57	0.675	0.751
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	8	0.05	0.061	0.14	0.03	0.001	0.039	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.1	0.104	0.15	0.1	0.	0.014	0.1	0.1	0.1	0.135
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	14995.	14922.75	18744.	10627.	7447342.205	2728.982	10813.	12902.75	17744.25	18519.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	50.	80.5	300.	8.	8873.364	94.199	9.5	15.75	102.5	282.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	1.699	1.655	2.477	0.903	0.243	0.493	0.966	1.19	2.007	2.448
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			45.196								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	13.	18.75	70.	2.	413.114	20.325	2.6	5.75	17.	64.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.114	1.078	1.845	0.301	0.189	0.435	0.391	0.712	1.23	1.801
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.964								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	7.4	7.517	16.	3.5	10.427	3.229	3.65	5.4	8.875	13.93
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	12	12.05	11.725	12.5	10.1	0.678	0.824	10.28	10.85	12.425	12.5

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

Annual Analysis for 1991 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	13	21.2	21.808	28.	12.	33.612	5.798	12.8	16.9	27.5	27.8
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	5	0.69	0.67	0.91	0.53	0.024	0.156	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	13	28000.	27828.462	42900.	15200.	105129164.103	10253.251	16016.	18565.	37500.	42260.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	13	6.6	6.485	8.2	4.9	0.916	0.957	5.1	5.7	7.15	8.
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	13	0.9	1.238	3.1	0.3	0.739	0.86	0.42	0.7	1.5	3.02
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	6.9	7.1	7.9	6.3	0.389	0.624	6.3	6.55	7.775	7.9
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	6.889	6.772	7.9	6.3	0.506	0.712	6.3	6.55	7.775	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.129	0.169	0.501	0.013	0.033	0.181	0.013	0.017	0.287	0.501
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	13	20.	19.462	32.	9.	71.269	8.442	9.8	12.	28.	32.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	13	24.	66.385	500.	11.	17253.423	131.352	12.2	18.	53.5	324.
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.85	0.953	1.68	0.38	0.176	0.419	0.446	0.623	1.26	1.671
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	13	0.05	0.052	0.06	0.05	0.	0.004	0.05	0.05	0.055	0.06
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	13	0.69	0.841	1.6	0.32	0.135	0.367	0.396	0.57	1.04	1.528
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	13	0.12	0.133	0.32	0.04	0.008	0.09	0.04	0.045	0.19	0.284
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	13	0.1	0.102	0.12	0.1	0.	0.006	0.1	0.1	0.1	0.112
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	13	12246.	12059.692	25992.	5623.	36119902.231	6009.984	5773.	6959.	15870.5	22593.2
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	65.	250.25	1600.	13.	202811.477	450.346	13.	22.75	285.	1270.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	1.801	1.922	3.204	1.114	0.438	0.662	1.114	1.323	2.453	3.053
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			83.598								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	20.	41.167	220.	2.	3571.061	59.758	3.8	13.25	37.5	178.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.301	1.345	2.342	0.301	0.252	0.502	0.482	1.106	1.571	2.211
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.114								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.08	0.08	0.11	0.04	0.001	0.023	**	**	**	**
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	6.3	6.182	15.	0.	14.832	3.851	0.68	3.4	8.2	13.78
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	11	12.2	11.927	12.8	10.4	0.764	0.874	10.4	11.6	12.8	12.8

** - 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 1992 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	10	19.4	19.88	28.5	13.	34.744	5.894	13.1	14.	26.625	28.35
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	10	0.765	0.754	0.91	0.53	0.021	0.144	0.538	0.61	0.91	0.91
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	10	31150.	28275.	37700.	13300.	71070694.444	8430.344	13555.	21512.5	35175.	37560.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	10	7.2	7.	8.3	5.1	1.22	1.105	5.16	5.925	8.05	8.29
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	10	0.9	0.86	1.5	0.3	0.167	0.409	0.3	0.45	1.2	1.47
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	10	6.7	6.57	6.9	6.	0.087	0.295	6.01	6.4	6.725	6.89
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	10	6.7	6.463	6.9	6.	0.1	0.315	6.01	6.4	6.725	6.89
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	10	0.2	0.344	1.	0.126	0.09	0.3	0.129	0.189	0.436	0.979
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	10	23.5	21.8	31.	10.	61.733	7.857	10.	13.75	28.5	30.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	10	20.5	22.	43.	13.	71.778	8.472	13.1	17.	25.	41.2
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	10	0.635	0.741	1.13	0.52	0.044	0.21	0.522	0.585	0.94	1.114
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	10 ##	0.03	0.04	0.07	0.025	0.	0.018	0.025	0.025	0.06	0.069
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	0.585	0.612	0.86	0.46	0.016	0.125	0.463	0.505	0.708	0.847
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	0.08	0.127	0.27	0.02	0.009	0.094	0.023	0.05	0.233	0.267
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10 ##	0.05	0.076	0.14	0.05	0.001	0.035	0.05	0.05	0.105	0.138
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	10	12621.	11851.3	18119.	4998.	17455503.789	4177.978	5188.	8397.25	14870.75	17944.1
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	10	95.	132.	500.	20.	19751.111	140.539	20.	35.	170.	467.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	10	1.972	1.933	2.699	1.301	0.191	0.437	1.301	1.527	2.23	2.652
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			85.615								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	10	20.	40.	110.	10.	1333.333	36.515	10.	10.	80.	107.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	10	1.301	1.435	2.041	1.	0.162	0.402	1.	1.	1.903	2.028
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.244								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.08	0.066	0.1	0.02	0.001	0.032	0.02	0.02	0.09	0.099
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	10	3.2	2.78	6.2	0.	6.775	2.603	0.	0.	5.3	6.11
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	9	9.8	10.489	14.	7.	6.094	2.469	7.	8.35	12.8	14.

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

Annual Analysis for 1993 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.	21.358	30.3	10.5	49.255	7.018	11.4	14.575	28.475	30.09
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	12	0.91	0.842	1.45	0.	0.114	0.338	0.183	0.76	0.91	1.357
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	31950.	31788.333	46300.	19100.	82354912.788	9074.961	19520.	23825.	38774.5	45250.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.7	6.592	8.5	5.	2.028	1.424	5.	5.125	8.2	8.47
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	0.5	0.517	1.	0.	0.071	0.266	0.09	0.325	0.75	0.94
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.58	7.28	7.99	6.4	0.39	0.624	6.4	6.5	7.735	7.921
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.58	6.876	7.99	6.4	0.568	0.754	6.4	6.5	7.735	7.921
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.026	0.133	0.398	0.01	0.028	0.167	0.012	0.018	0.316	0.398
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	22.95	22.392	30.1	14.	26.521	5.15	14.51	17.425	26.95	29.47
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	21.5	25.083	49.	15.	100.992	10.049	15.3	16.75	33.	44.5
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.59	0.592	0.9	0.33	0.03	0.173	0.357	0.43	0.708	0.87
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12 ##	0.03	0.043	0.1	0.03	0.	0.022	0.03	0.03	0.06	0.088
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.485	0.488	0.71	0.32	0.017	0.132	0.323	0.373	0.613	0.689
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.105	0.107	0.21	0.03	0.004	0.06	0.03	0.053	0.155	0.204
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12 ##	0.05	0.07	0.17	0.05	0.001	0.037	0.05	0.05	0.093	0.149
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	12433.5	12623.083	18394.	5748.	15462408.265	3932.227	6497.7	9497.	15682.5	18349.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	40.	65.	230.	10.	6300.	79.373	10.	20.	70.	230.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	1.602	1.578	2.362	1.	0.203	0.451	1.	1.301	1.828	2.362
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			37.858								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	20.	17.5	40.	10.	75.	8.66	10.	10.	20.	34.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.301	1.201	1.602	1.	0.038	0.196	1.	1.	1.301	1.512
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.874								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.056	0.09	0.03	0.	0.018	0.03	0.038	0.06	0.084
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	2.55	4.208	22.	0.	39.228	6.263	0.	0.	6.375	17.68

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

Annual Analysis for 1994 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	22.6	23.136	28.9	13.8	26.875	5.184	14.46	17.7	27.7	28.76
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	11	0.91	1.024	1.83	0.46	0.196	0.442	0.506	0.69	1.22	1.83
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	11	25871.	29904.273	47171.	17267.	108067171.018	10395.536	17517.8	20080.	39304.	46306.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	6.5	6.645	8.6	5.3	1.405	1.185	5.32	5.5	7.7	8.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	0.7	0.709	1.4	0.	0.241	0.491	0.02	0.3	1.3	1.4
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	11	7.93	7.844	8.06	7.59	0.028	0.167	7.598	7.69	8.	8.05
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	11	7.93	7.814	8.06	7.59	0.029	0.17	7.598	7.69	8.	8.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	11	0.012	0.015	0.026	0.009	0.	0.006	0.009	0.01	0.02	0.025
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	17.4	18.945	30.7	10.1	49.171	7.012	10.26	11.9	25.1	30.08
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	23.	24.818	49.	0.	150.364	12.262	3.8	19.	33.	46.6
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	10	0.585	0.544	0.79	0.27	0.038	0.196	0.272	0.358	0.742	0.786
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	11 ##	0.015	0.024	0.06	0.	0.	0.016	0.003	0.015	0.03	0.056
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	0.5	0.427	0.56	0.21	0.016	0.126	0.216	0.293	0.515	0.557
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	0.08	0.116	0.26	0.01	0.01	0.099	0.011	0.028	0.243	0.259
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	0.1	0.087	0.13	0.03	0.001	0.035	0.032	0.05	0.113	0.129
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	11	9497.	10190.	17869.	0.	26197566.2	5118.356	1174.6	6123.	14371.	17369.2
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	80.	132.727	500.	10.	23621.818	153.694	10.	20.	230.	460.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	1.903	1.815	2.699	1.	0.349	0.591	1.	1.301	2.362	2.655
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			65.287								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	20.	44.545	130.	10.	1707.273	41.319	10.	10.	80.	120.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	1.301	1.457	2.114	1.	0.193	0.44	1.	1.	1.903	2.072
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.644								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.03	0.034	0.07	0.	0.001	0.023	0.003	0.015	0.05	0.07
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	6.9	7.127	13.	3.	7.14	2.672	3.3	5.7	8.3	12.4
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	9	11.7	11.9	13.5	10.4	1.255	1.12	10.4	10.9	12.95	13.5

** - 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 1995 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.85	22.542	33.	13.7	45.977	6.781	14.06	15.925	28.725	32.4
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	16	72.5	71.25	100.	40.	281.667	16.783	47.	60.	83.75	96.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	17	0.84	0.854	1.66	0.42	0.092	0.303	0.508	0.615	1.	1.372
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	28667.	28213.75	42108.	8498.	100355750.023	10017.772	11529.2	20771.	37790.25	40958.7
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	7.35	7.233	9.2	5.5	1.321	1.149	5.56	6.025	8.125	8.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	5	0.9	1.22	2.	0.5	0.527	0.726	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.785	7.749	7.91	7.58	0.011	0.104	7.592	7.638	7.818	7.895
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.785	7.738	7.91	7.58	0.011	0.105	7.592	7.638	7.817	7.895
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.016	0.018	0.026	0.012	0.	0.004	0.013	0.015	0.023	0.026
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	17.7	17.5	27.1	4.8	44.875	6.699	6.66	12.375	23.95	26.26
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	27.	25.583	40.	9.	98.447	9.922	9.9	17.25	33.25	39.1
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	7	0.7	0.734	0.96	0.52	0.029	0.171	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12 ##	0.015	0.018	0.04	0.015	0.	0.008	0.015	0.015	0.015	0.037
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.745	0.957	1.86	0.48	0.226	0.476	0.492	0.553	1.448	1.785
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.14	0.156	0.33	0.01	0.01	0.099	0.019	0.083	0.25	0.312
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12 ##	0.075	0.073	0.09	0.03	0.	0.016	0.039	0.071	0.079	0.09
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	9747.	9799.167	15870.	2624.	16179703.061	4022.4	3523.7	6779.25	13683.5	15345.3
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	5	130.	202.	500.	20.	33270.	182.401	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	5	2.114	2.118	2.699	1.301	0.266	0.516	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			131.197								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	6	30.	56.667	130.	10.	3346.667	57.85	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	6	1.452	1.522	2.114	1.	0.26	0.51	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.253								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.035	0.034	0.08	0.015	0.	0.02	0.015	0.015	0.048	0.071
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	5.2	6.208	15.	3.5	8.654	2.942	3.86	4.85	6.8	12.6

** - 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 TIMU0188

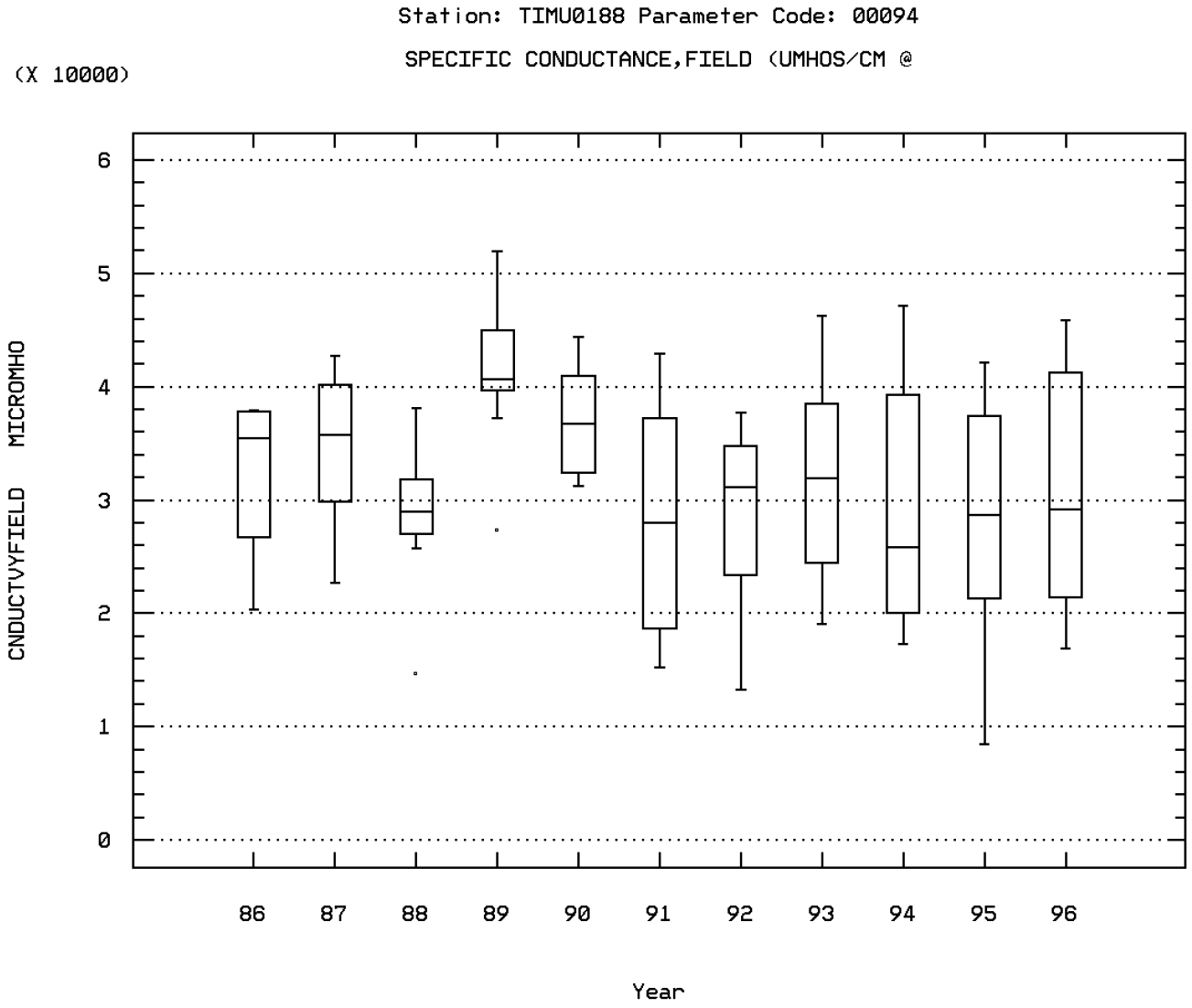
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	16	11.35	11.656	13.5	10.3	1.115	1.056	10.44	10.825	12.675	13.5

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

Annual Analysis for 1996 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	9	21.8	21.022	28.6	12.	41.432	6.437	12.	14.7	27.7	28.6
00032	CLOUD COVER (PERCENT)	08/06/91-12/18/96	22	55.	55.	100.	5.	1323.81	36.384	6.5	15.	91.25	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/18/96	25	1.	1.068	2.4	0.5	0.182	0.427	0.606	0.79	1.27	1.684
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	9	29213.	30736.111	45860.	16876.	124022555.361	11136.541	16876.	20491.	43070.	45860.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	9	7.1	7.222	9.1	4.9	2.209	1.486	4.9	6.1	8.85	9.1
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	9	7.68	7.617	7.98	7.05	0.075	0.274	7.05	7.465	7.795	7.98
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	9	7.68	7.527	7.98	7.05	0.084	0.29	7.05	7.465	7.795	7.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	9	0.021	0.03	0.089	0.01	0.001	0.024	0.01	0.016	0.035	0.089
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	9	18.	19.233	29.8	9.9	58.808	7.669	9.9	12.2	27.75	29.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	21.	22.667	42.	10.	91.697	9.576	10.9	14.75	28.5	40.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.02	0.038	0.18	0.005	0.003	0.05	0.005	0.006	0.05	0.15
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.89	0.903	1.67	0.05	0.165	0.406	0.173	0.752	1.173	1.547
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.145	0.145	0.27	0.04	0.007	0.086	0.04	0.053	0.223	0.27
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.095	0.098	0.15	0.005	0.002	0.043	0.019	0.073	0.138	0.15
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	9122.	10050.75	17495.	2999.	24831378.932	4983.109	3636.2	5560.5	15500.75	17195.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.015	0.028	0.08	0.005	0.001	0.026	0.005	0.005	0.052	0.074
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	6.25	7.75	20.	3.	21.343	4.62	3.48	4.9	8.3	17.9
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	24	11.8	12.067	14.1	8.	2.162	1.47	10.65	11.	13.375	14.

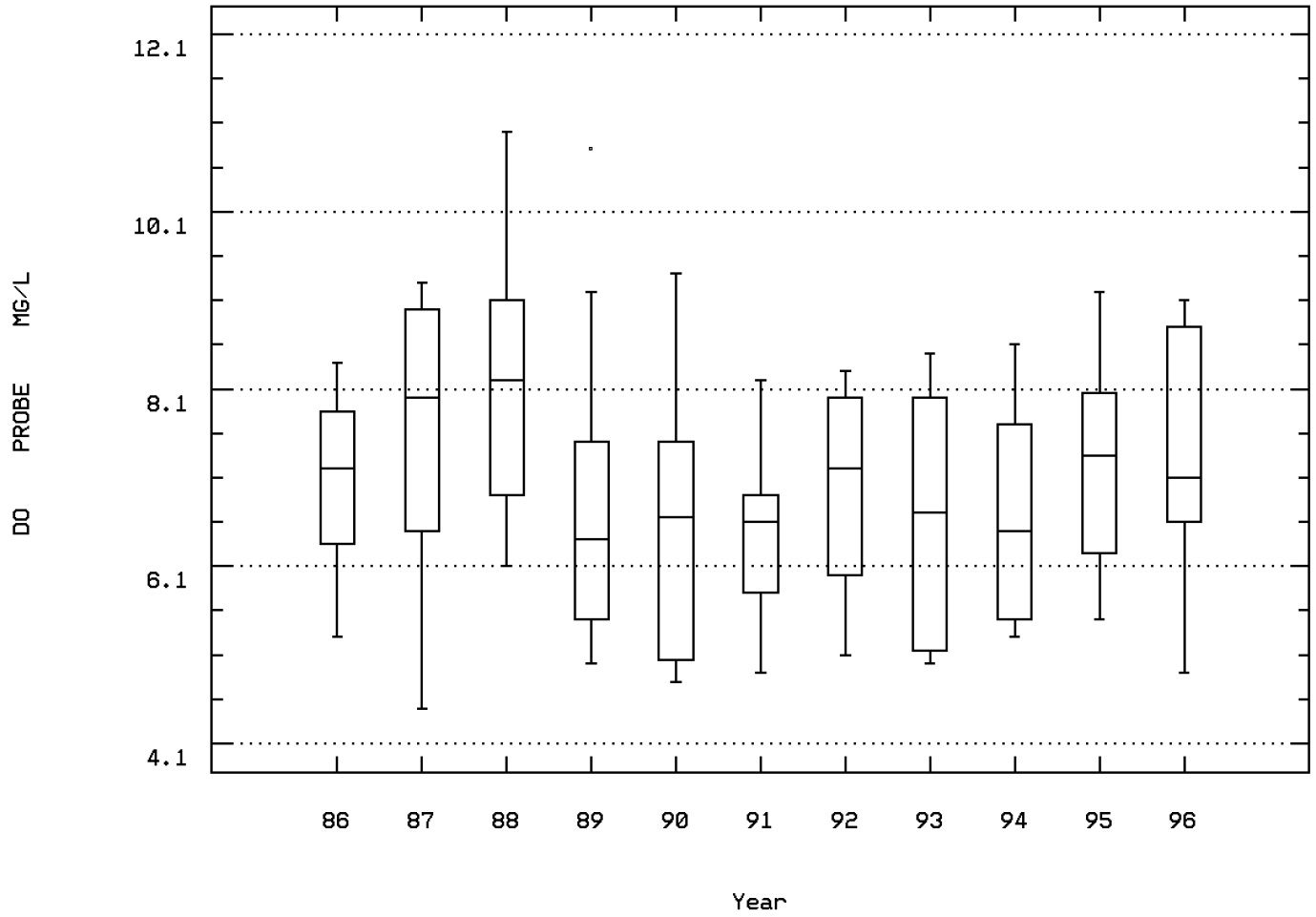
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00299

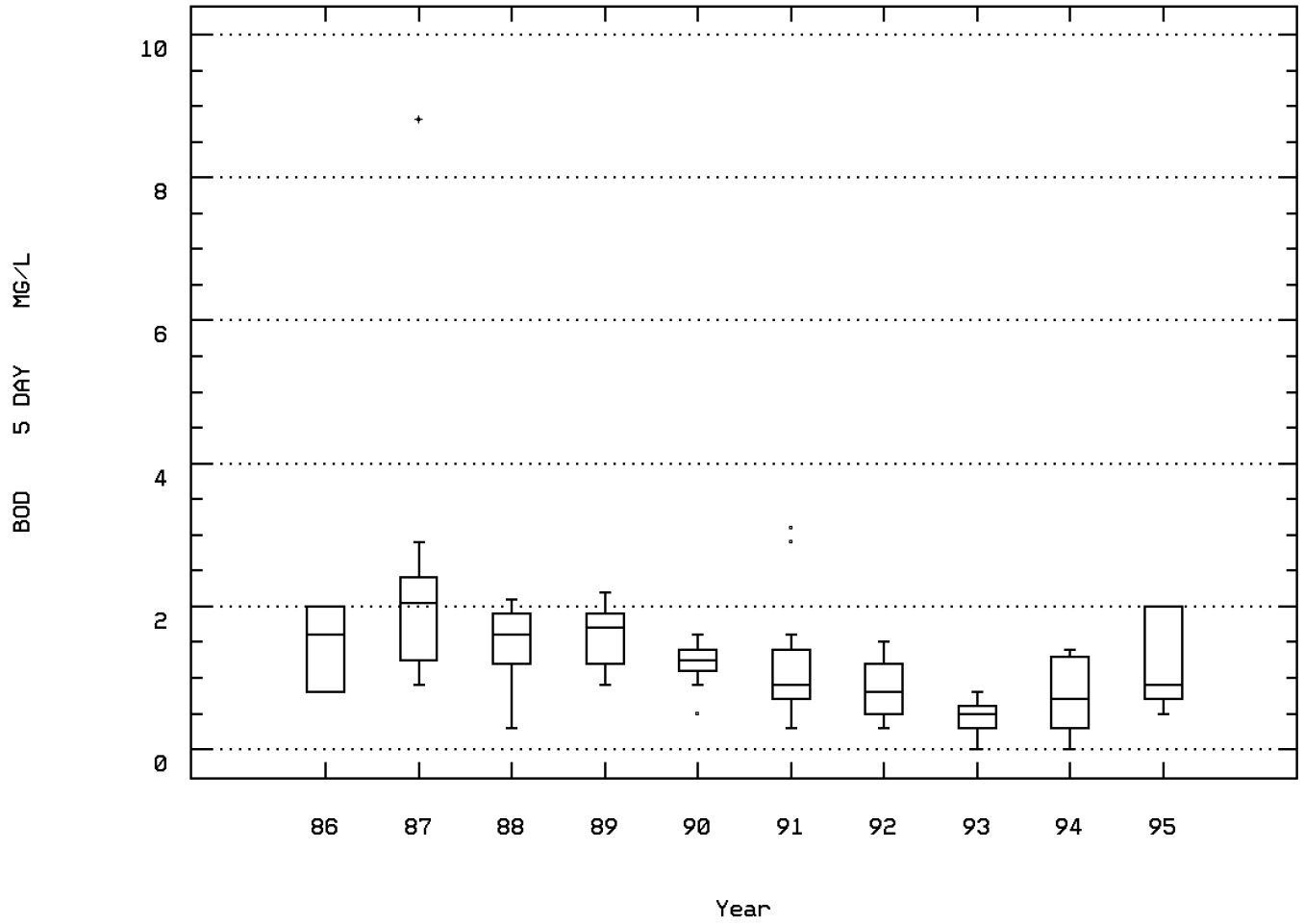
OXYGEN, DISSOLVED, ANALYSIS BY PROBE



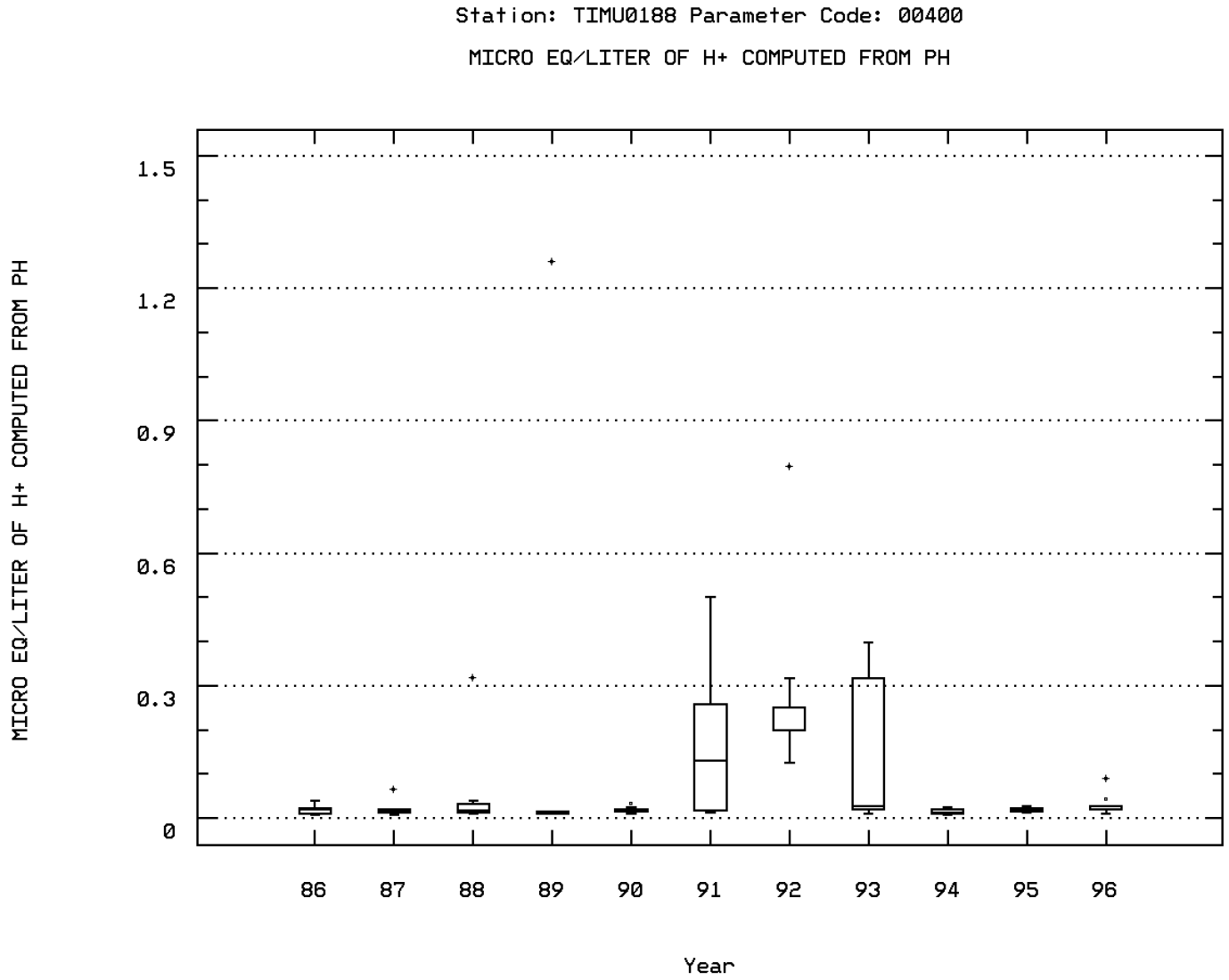
SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



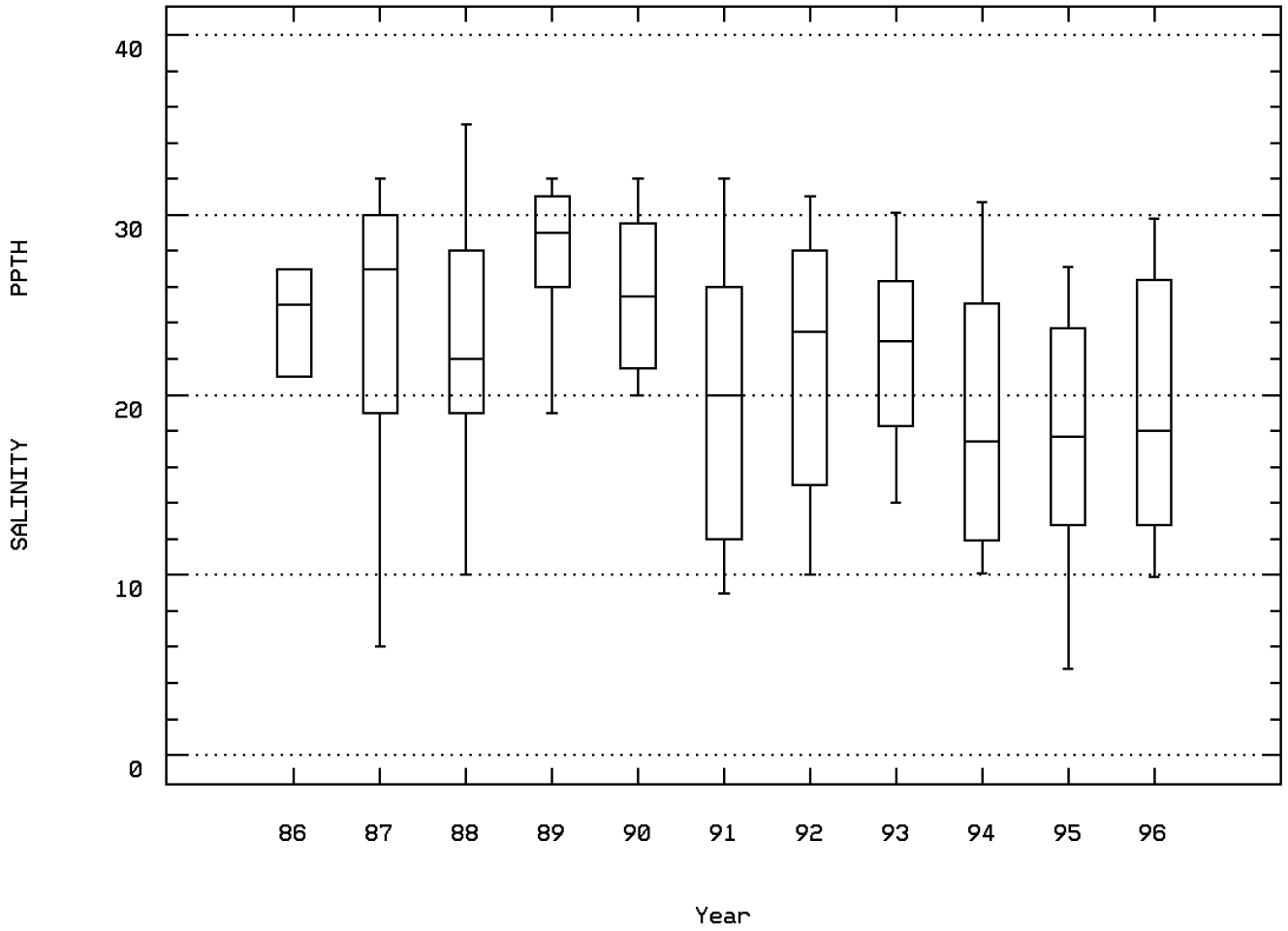
SJR NEAR CM 34



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00480

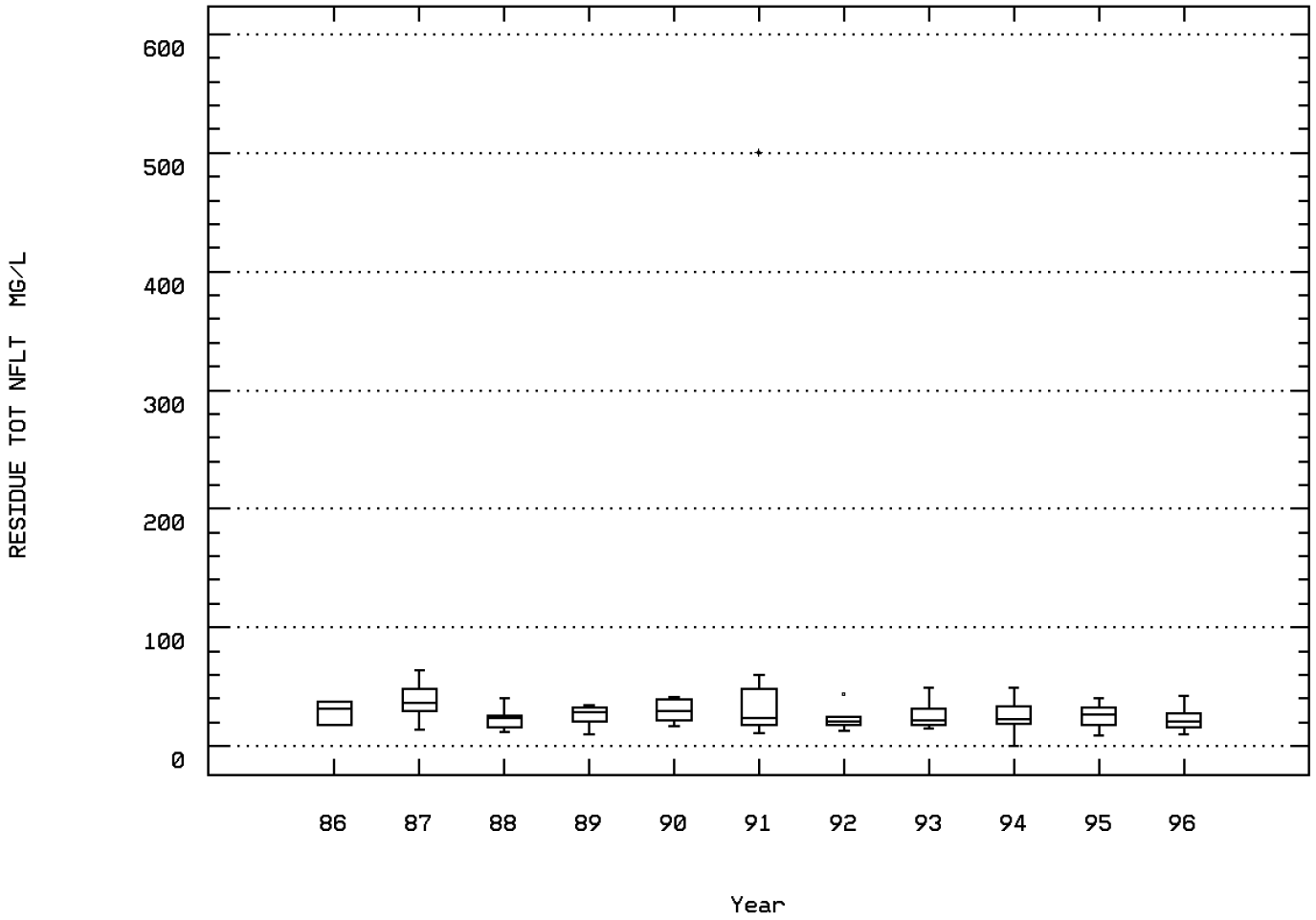
SALINITY - PARTS PER THOUSAND



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00530

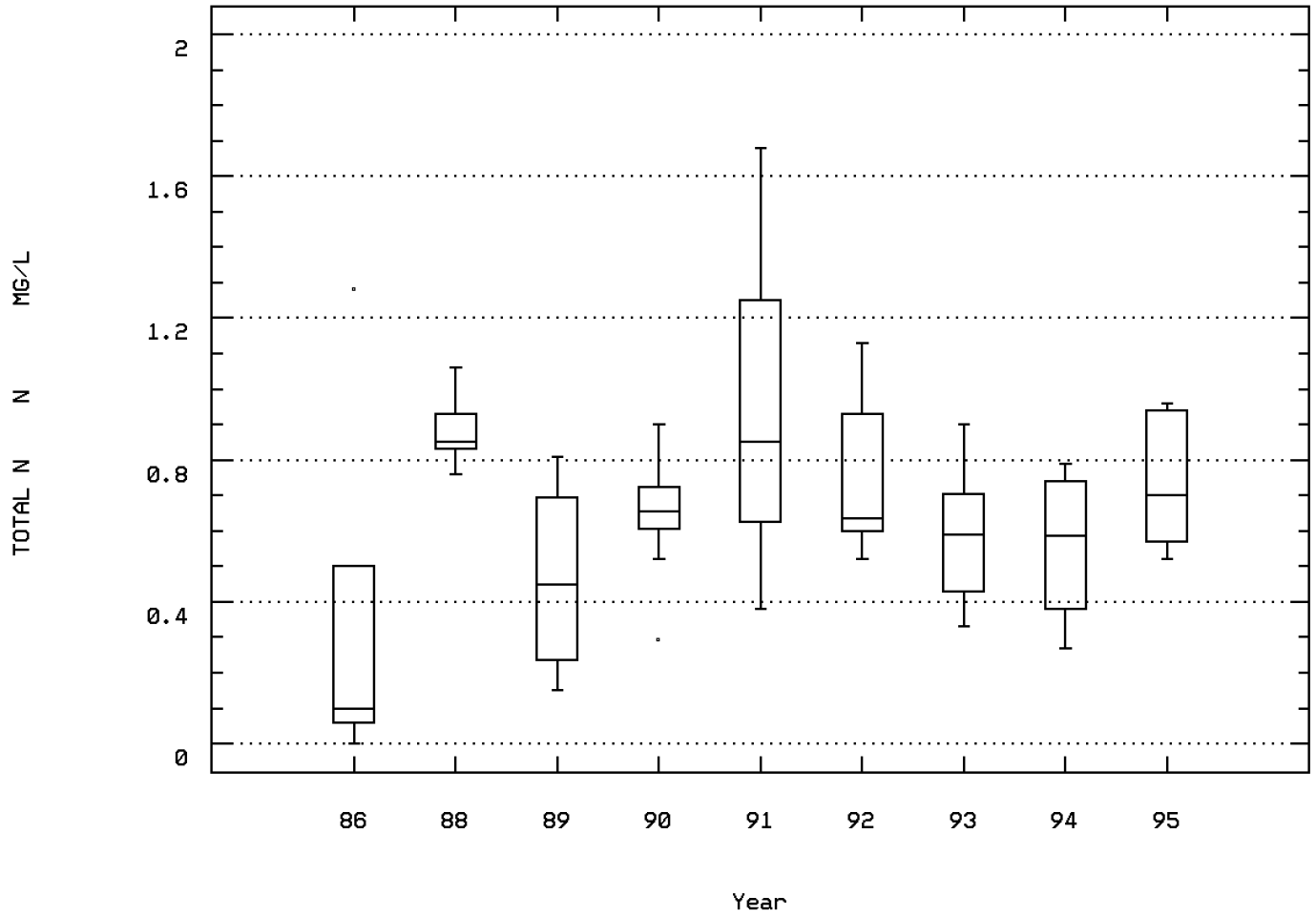
RESIDUE, TOTAL NONFILTRABLE (MG/L)



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00600

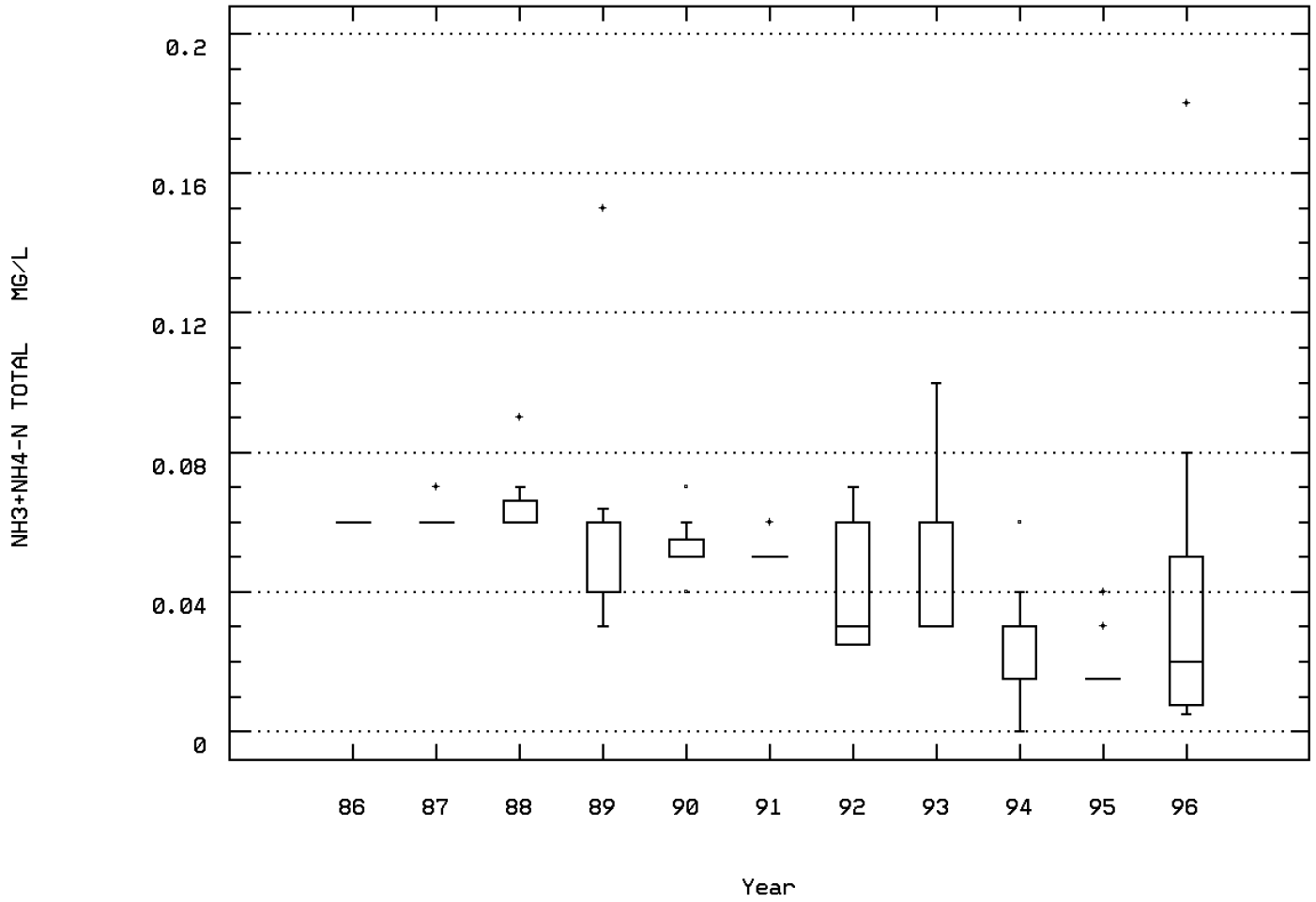
NITROGEN, TOTAL (MG/L AS N)



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00610

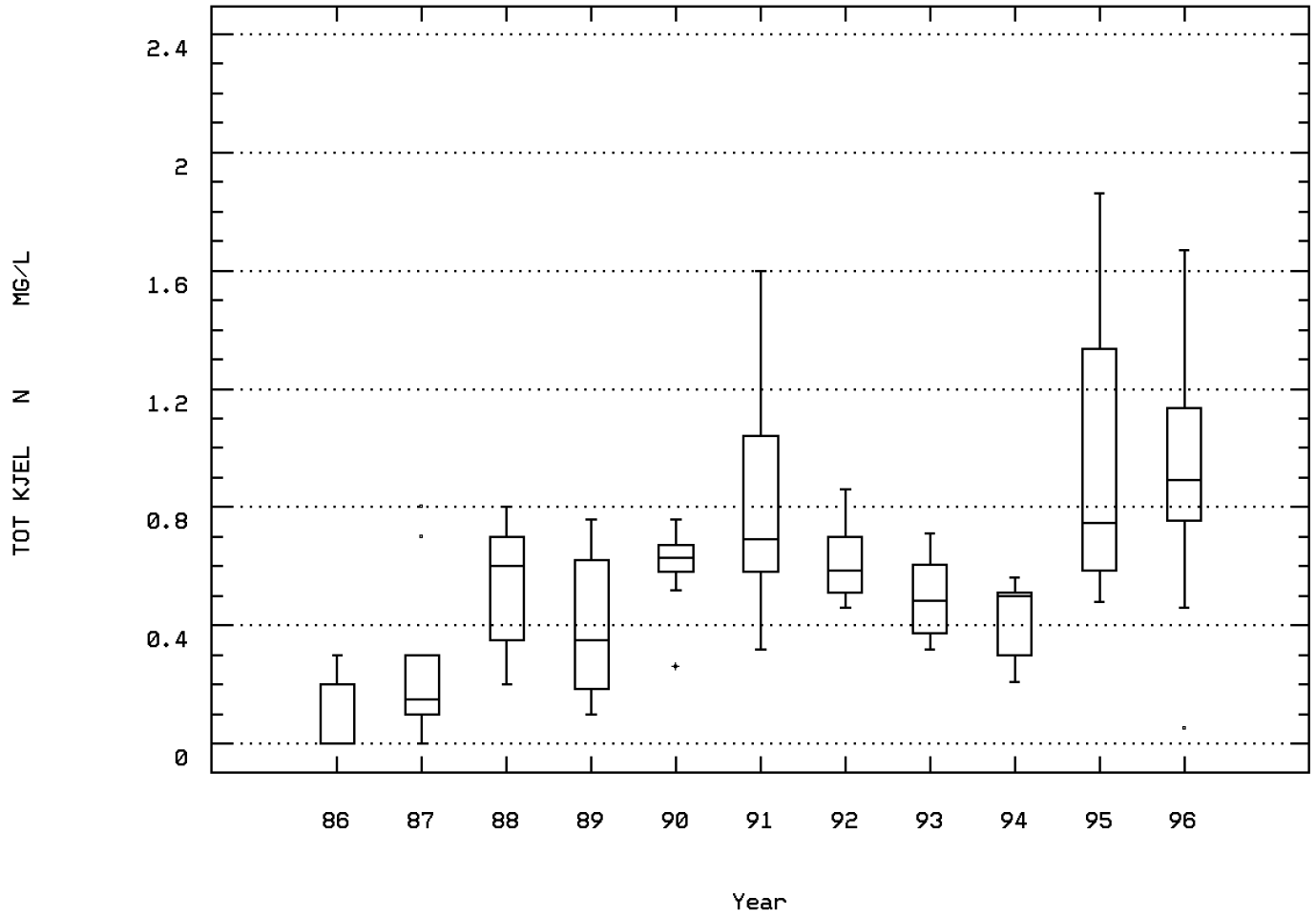
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



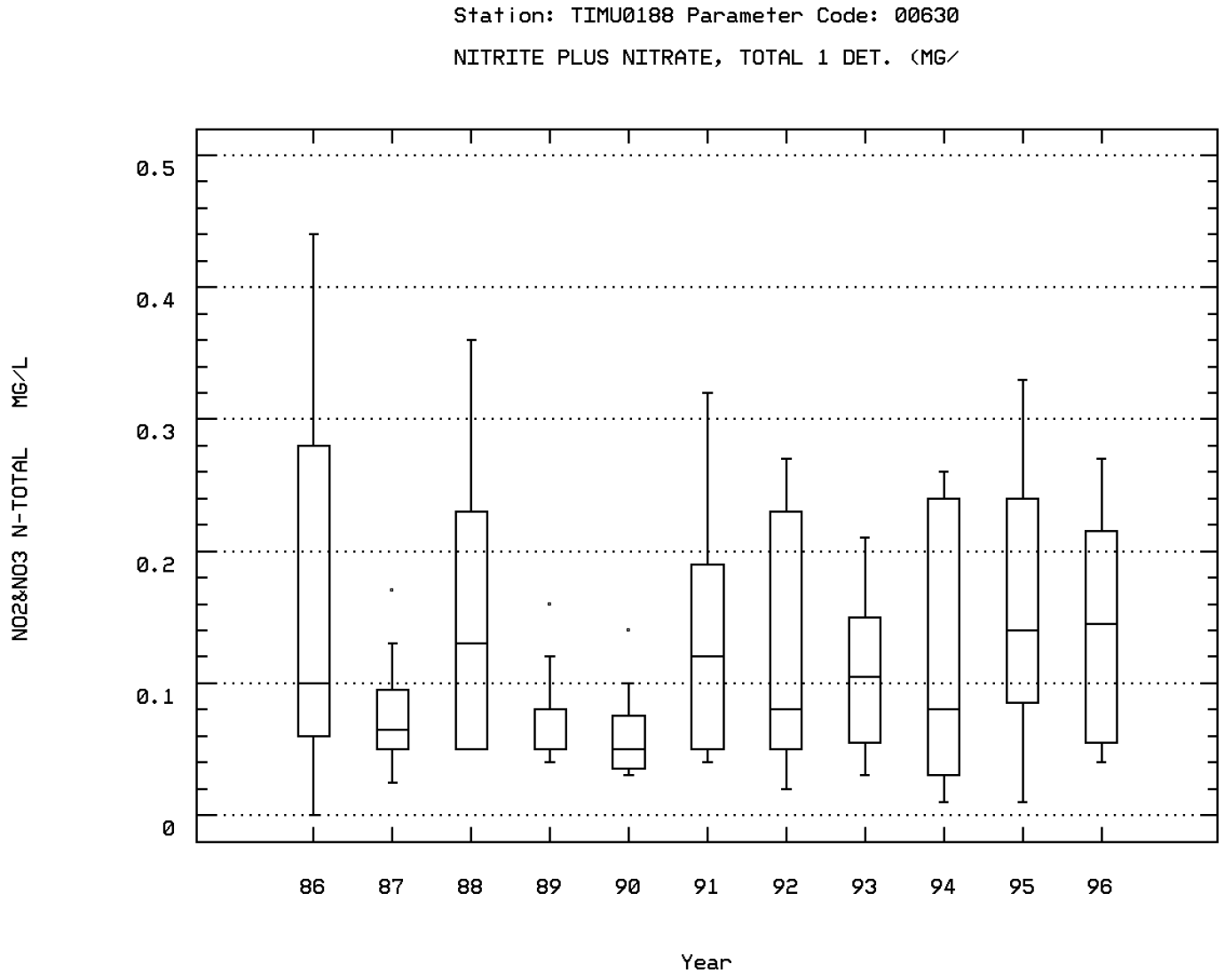
SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00625

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



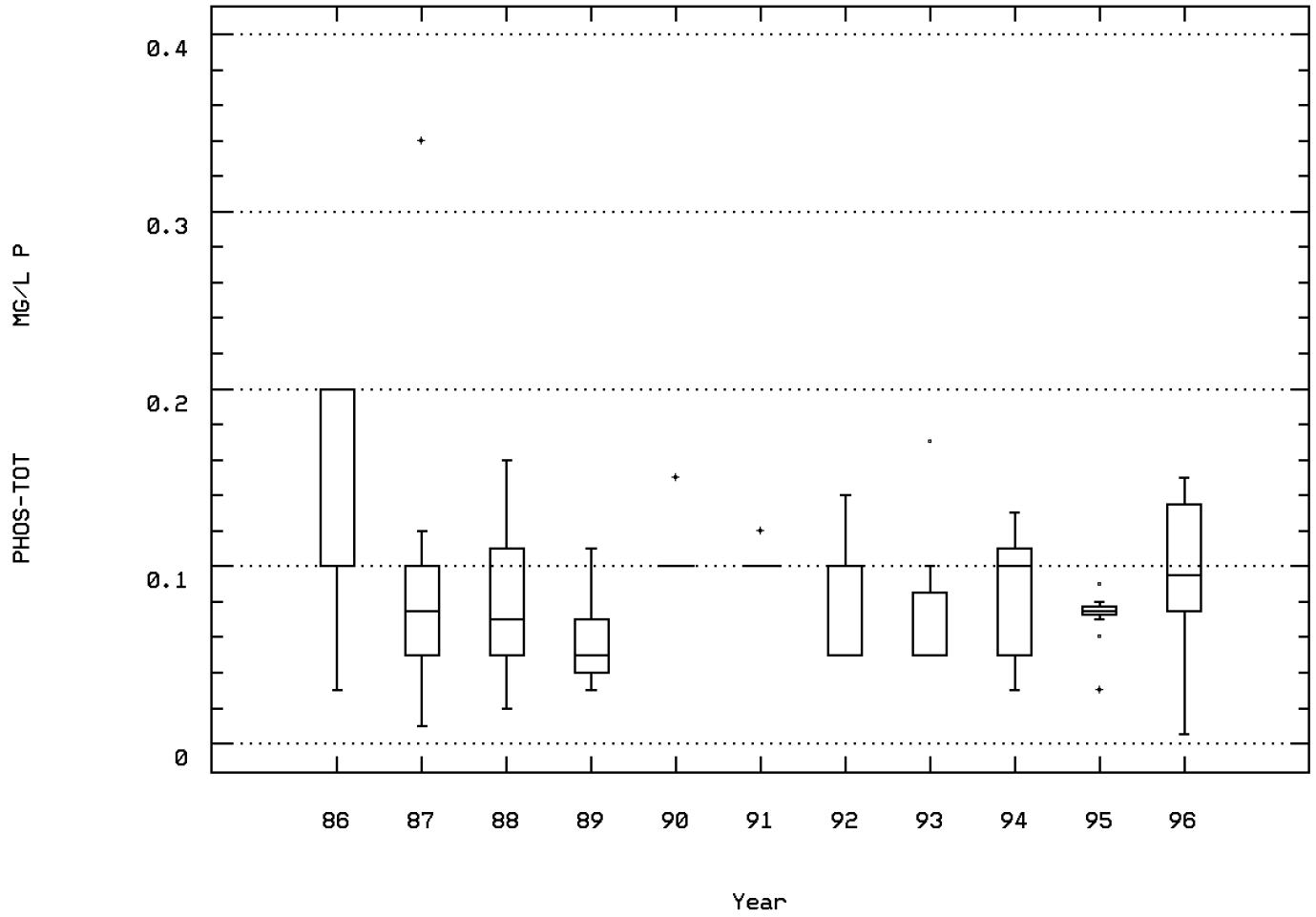
SJR NEAR CM 34



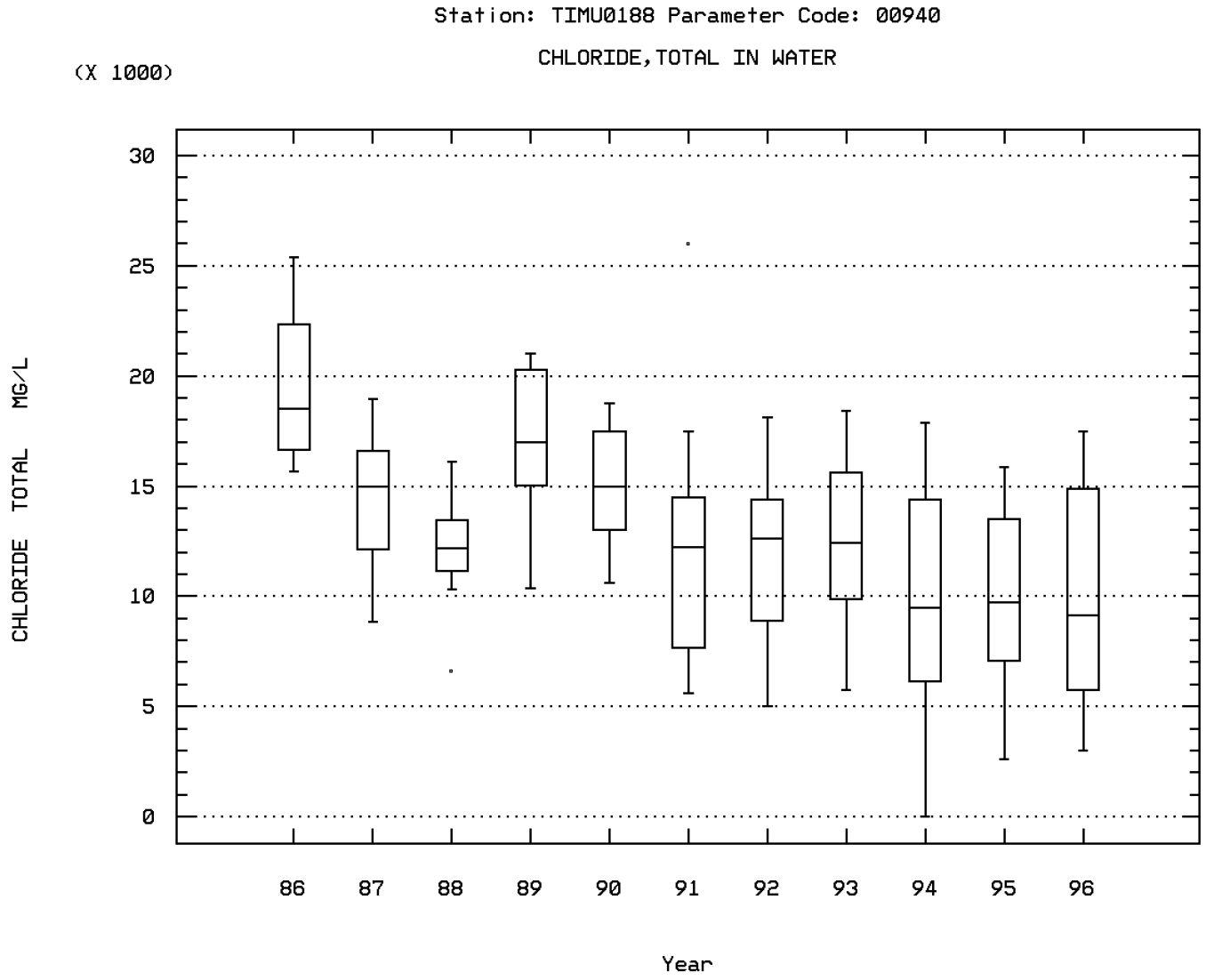
SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



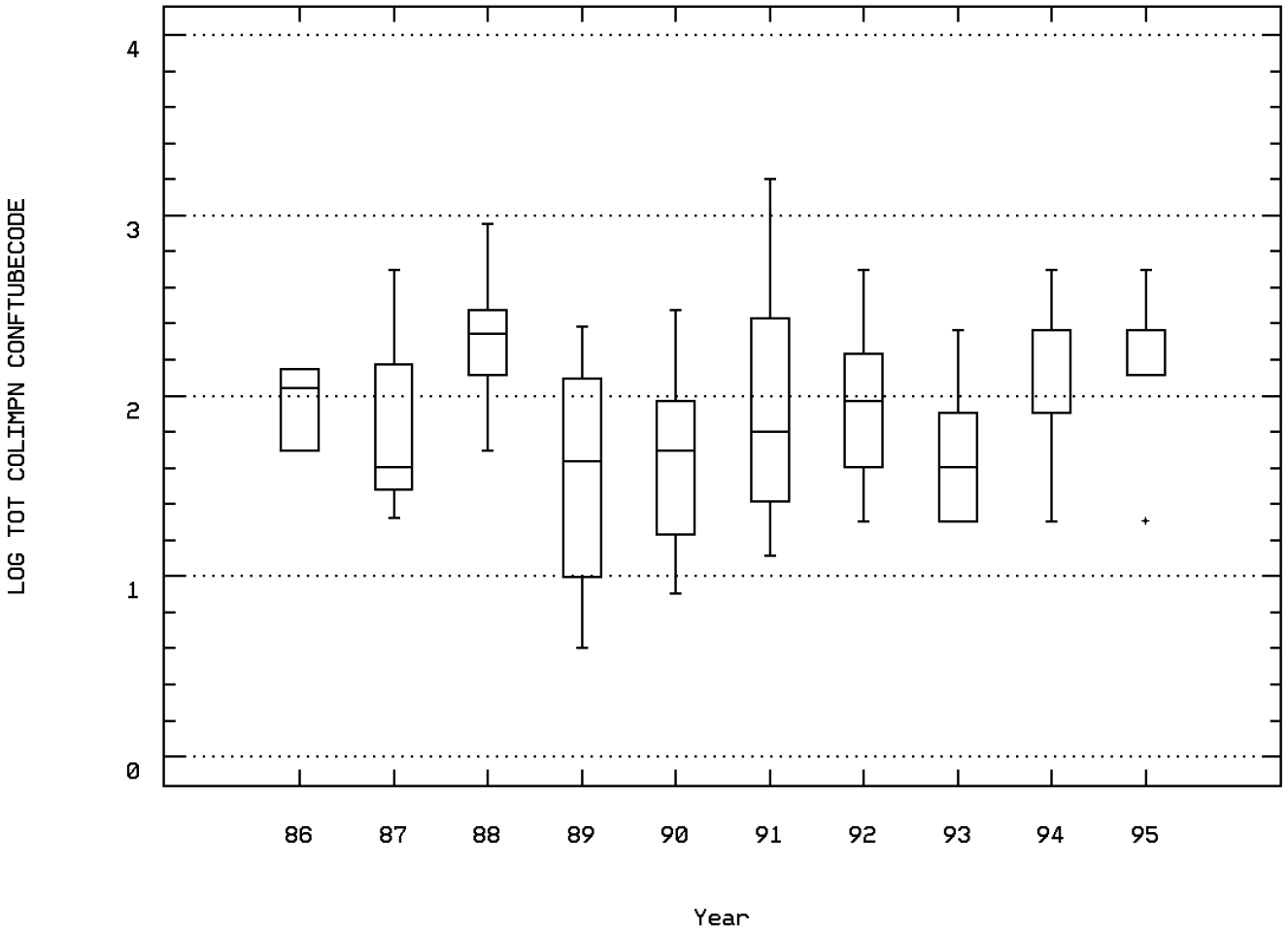
SJR NEAR CM 34



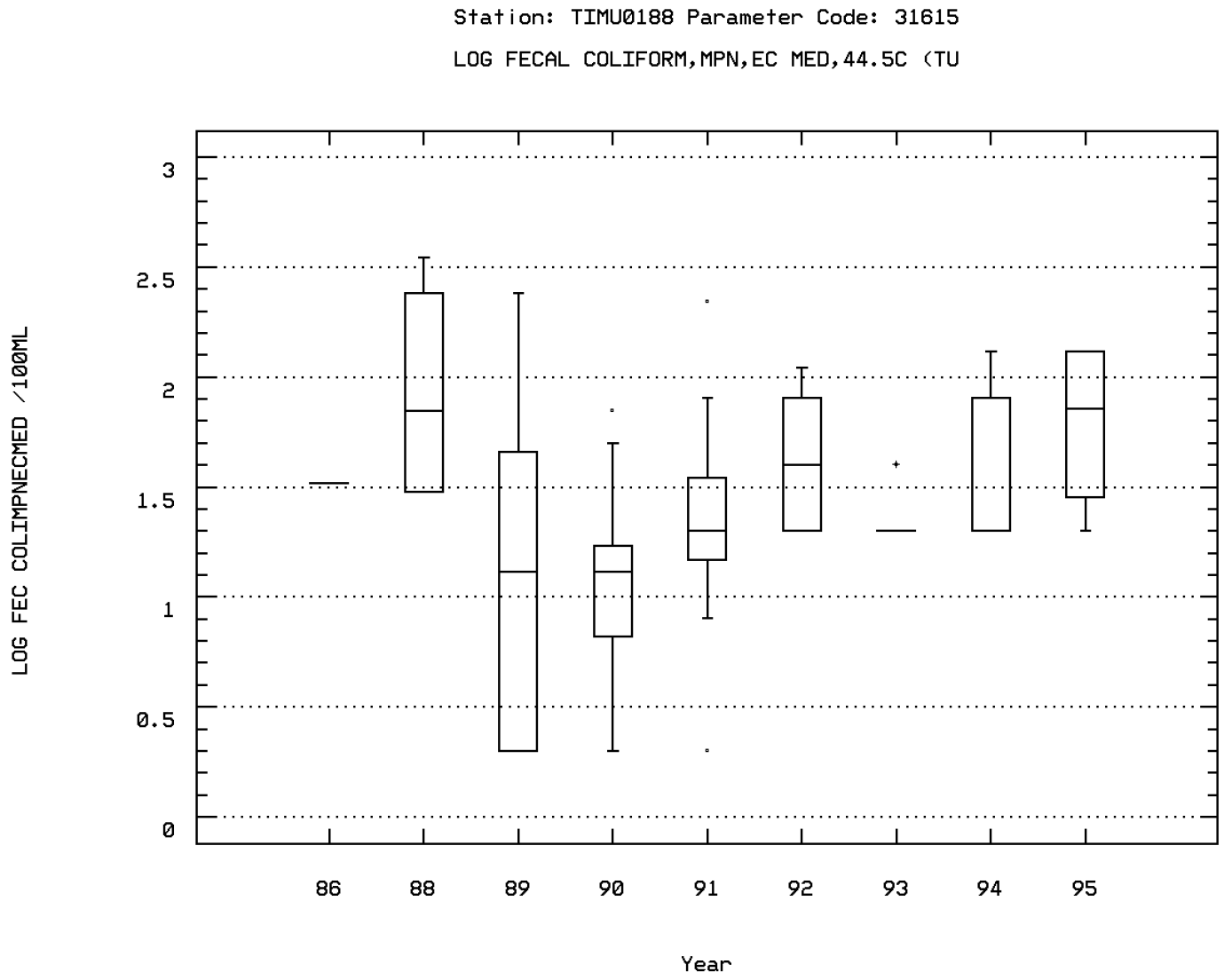
SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 31506

LOG COLIFORM,TOT,MPN, CONFIRMED TEST, T



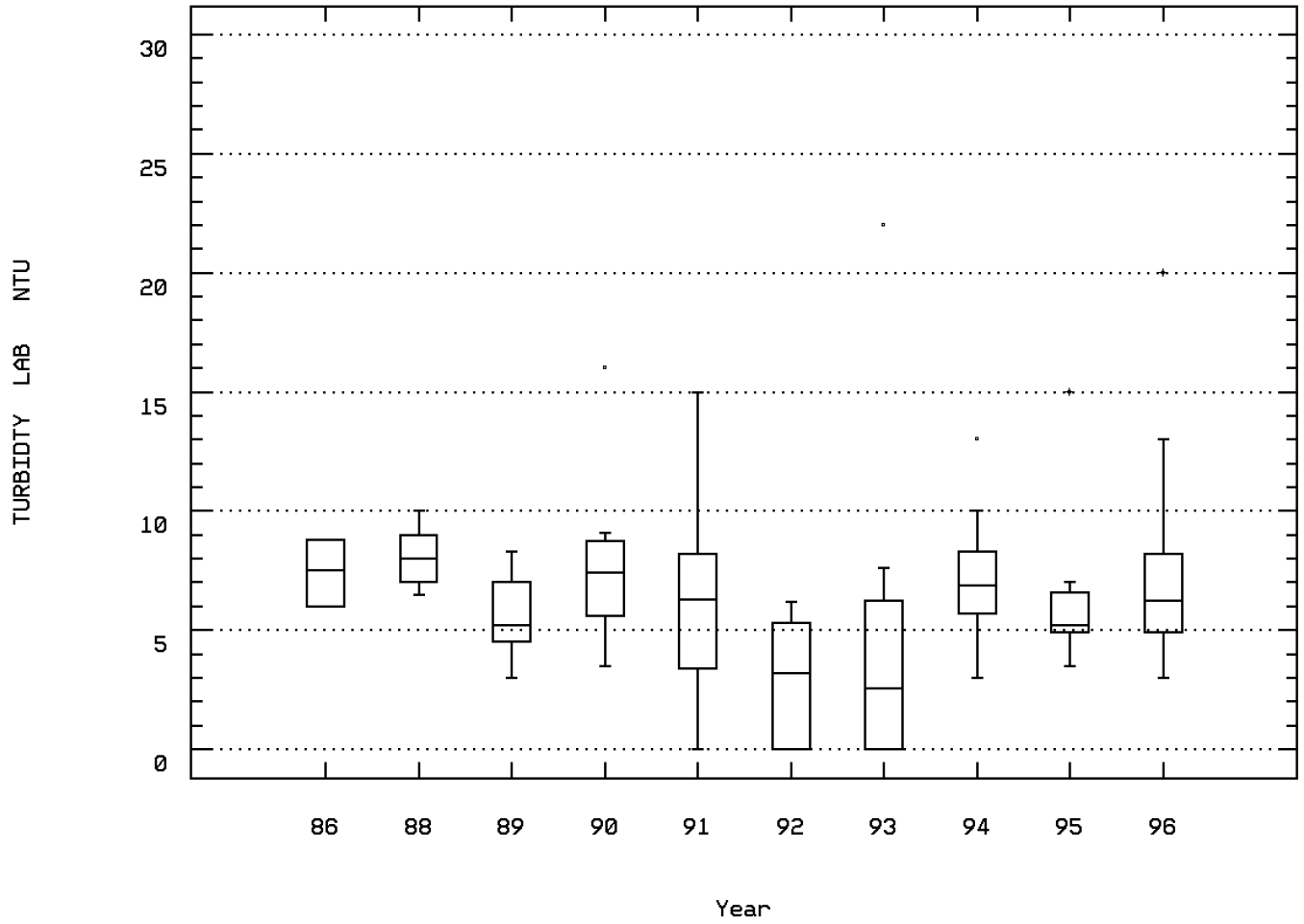
SJR NEAR CM 34



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 82079

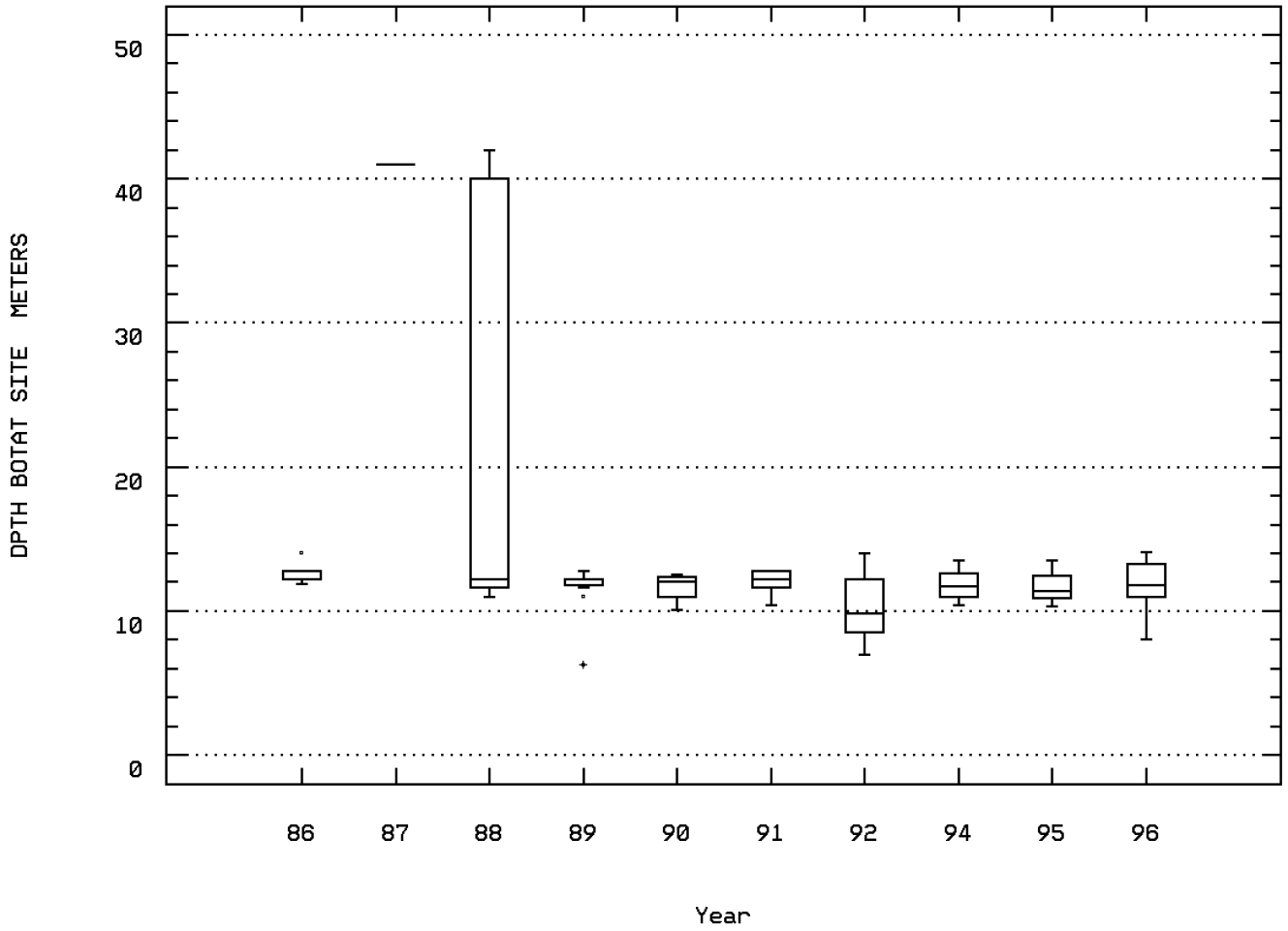
TURBIDITY,LAB NEPHELOMETRIC TURBIDITY U



SJR NEAR CM 34

Station: TIMU0188 Parameter Code: 82903

DEPTH OF BOTTOM OF WATER BODY @ SAMPLE



SJR NEAR CM 34

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	74	27.	25.786	33.	17.8	11.38	3.373	21.	23.275	28.225	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	68	35400.	33163.941	51900.	8498.	90002647.459	9486.973	18673.	26003.25	39927.	44310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	73	6.1	6.278	11.	4.5	1.43	1.196	5.	5.35	6.85	7.92
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	59	1.3	1.431	8.8	0.	1.382	1.176	0.4	0.8	1.8	2.2
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	72	7.745	7.584	8.2	6.1	0.242	0.492	6.7	7.563	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	72	7.745	7.177	8.2	6.1	0.41	0.641	6.7	7.562	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	72	0.018	0.067	0.794	0.006	0.018	0.135	0.01	0.013	0.027	0.2
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	69	24.3	23.191	35.	4.8	48.75	6.982	12.	19.65	29.55	31.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	72	25.	33.264	500.	9.	3246.366	56.977	13.	18.25	32.75	42.4
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	55	0.65	0.664	1.68	0.	0.113	0.337	0.234	0.44	0.79	1.128
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	70	0.05	0.041	0.15	0.005	0.001	0.023	0.015	0.024	0.06	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	76	0.595	0.611	1.86	0.	0.163	0.404	0.1	0.328	0.745	1.106
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	73	0.08	0.107	0.36	0.	0.007	0.081	0.03	0.05	0.145	0.242
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	76	0.095	0.09	0.34	0.005	0.002	0.045	0.05	0.051	0.108	0.14
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	71	13871.	13134.127	20848.	2624.	19795478.855	4449.211	6052.4	9997.	16495.	18490.4
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	58	50.	114.828	1600.	4.	49180.005	221.766	10.	20.	130.	246.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	58	1.699	1.724	3.204	0.602	0.276	0.525	1.	1.301	2.114	2.39
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			52.995								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	54	13.5	36.5	350.	2.	3954.33	62.883	7.5	10.	30.75	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	54	1.13	1.256	2.544	0.301	0.229	0.479	0.874	1.	1.487	1.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.01								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	62	5.65	5.692	15.	0.	10.236	3.199	0.	3.875	7.5	9.07
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	69	12.	12.267	40.	7.	13.223	3.636	10.4	11.2	12.8	13.5

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	48	15.7	15.613	22.5	10.5	8.971	2.995	11.5	13.55	17.65	19.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	48	31000.	30481.229	48000.	14600.	77982110.734	8830.748	18593.9	23230.25	37653.75	42084.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	48	8.05	8.138	10.8	6.5	0.756	0.87	7.	7.6	8.75	9.21
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	42	0.9	1.005	2.9	0.	0.399	0.632	0.3	0.5	1.325	1.97
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	48	7.7	7.461	8.01	5.9	0.341	0.584	6.49	7.088	7.878	8.
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	48	7.7	6.947	8.01	5.9	0.611	0.782	6.49	7.087	7.877	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	48	0.02	0.113	1.259	0.01	0.058	0.241	0.01	0.013	0.083	0.324
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	48	21.	20.563	32.	6.	52.613	7.253	10.81	14.025	27.45	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	48	24.	27.292	54.	0.	137.913	11.744	14.	18.25	37.	44.
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	30	0.645	0.659	1.13	0.15	0.053	0.23	0.321	0.543	0.855	0.958
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	48	0.06	0.052	0.18	0.	0.001	0.028	0.015	0.03	0.06	0.071
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	47	0.56	0.544	1.21	0.	0.081	0.284	0.1	0.3	0.72	0.908
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	44	0.115	0.136	0.44	0.025	0.01	0.099	0.04	0.05	0.218	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	47	0.08	0.081	0.2	0.01	0.002	0.039	0.03	0.05	0.1	0.122
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	48	12338.5	12269.313	25992.	0.	27339473.241	5228.716	6085.5	8278.25	16026.25	17584.9
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	42	120.	174.881	900.	8.	33995.376	184.378	17.	37.5	240.	500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	42	2.078	1.987	2.954	0.903	0.276	0.526	1.23	1.571	2.38	2.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			96.98								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	31	20.	46.968	240.	2.	2818.766	53.092	4.	11.	80.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	31	1.301	1.402	2.38	0.301	0.284	0.533	0.602	1.041	1.903	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.238								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	37	6.3	6.851	22.	0.	21.973	4.688	1.84	4.65	7.7	15.2
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/18/96	40	12.05	15.2	42.	6.2	98.144	9.907	10.4	10.9	12.8	40.

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

Station Inventory for Station: TIMU0189

NPS Station ID: TIMU0189
Location: SJR AT RED MARKER 34
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin:
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103010402.68
Description:

LAT/LON: 30.391392/ -81.496949
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 3.16

Agency: 21FLSJWM
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): JAXSJR04
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 16.10
Distance from RF3: 0.58

Date Created: 01/10/98
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/94-03/22/94	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	65	0.042	0.038	0.101	-0.008	0.001	0.028	0.013	0.025	0.075	-0.001
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	74	0.047	0.045	0.111	-0.012	0.001	0.028	0.016	0.028	0.07	0.095
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	70	0.512	0.497	1.15	-0.015	0.071	0.267	0.21	0.359	0.738	0.866
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	78	0.634	0.634	1.5	0.	0.087	0.295	0.283	0.378	0.819	1.02
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/94-03/22/94	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	77	0.088	0.088	0.195	0.014	0.001	0.032	0.043	0.074	0.112	0.124
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/94-08/26/97	69	0.064	0.06	0.115	0.003	0.001	0.026	0.021	0.042	0.079	0.097
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	88	6.7	7.234	21.7	-1.7	24.686	4.969	3.	4.125	7.225	14.56
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	89	6.3	6.746	21.4	-2.5	23.654	4.864	2.4	3.7	-0.325	14.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-03/22/94	1	6900.	6900.	6900.	6900.	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/01/94-08/26/97	37	4.75	5.626	22.15	2.72	11.468	3.386	3.384	3.92	6.21	8.016
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/01/94-08/26/97	69	3.67	3.73	10.16	0.	2.18	1.477	2.14	2.94	4.27	5.61
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	79	0.32	0.073	1.03	-0.22	0.04	0.201	0.02	0.1	-0.05	-0.115
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	73	0.69	0.737	3.29	-0.01	0.233	0.482	0.211	0.495	0.91	1.316
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	73	1.9	2.633	25.13	0.13	9.956	3.155	0.832	1.165	2.775	4.88
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/28/94-07/31/97	70	1.445	1.431	1.68	1.	0.017	0.129	1.234	1.368	1.52	1.58
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/22/94-03/22/94	1	13300.	13300.	13300.	13300.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/22/94-03/22/94	1	0.056	0.056	0.056	0.056	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00				1	1	1.00						
		Drinking Water	250.	1	1	1.00				1	1	1.00						

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

Annual Analysis for 1994 - Station TIMU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	12	0.046	0.046	0.096	0.015	0.001	0.024	0.016	0.027	0.062	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	11	0.54	0.574	1.5	0.025	0.178	0.422	0.04	0.31	0.88	1.394
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	11	0.077	0.088	0.195	0.038	0.002	0.044	0.041	0.052	0.108	0.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	9	17.2	15.678	21.7	7.3	24.164	4.916	7.3	11.65	20.3	21.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	9	16.7	14.956	21.4	6.9	28.37	5.326	6.9	9.75	19.9	21.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	13 ##	0.125	0.19	1.03	-0.05	0.083	0.289	0.025	0.053	0.37	0.382
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	11	0.62	0.808	3.29	0.09	0.887	0.942	0.094	0.155	1.23	2.908
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	10	3.235	5.614	25.13	1.68	51.556	7.18	1.688	1.985	5.01	23.529
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/28/94-07/31/97	9	1.33	1.324	1.58	1.14	0.022	0.149	1.14	1.18	1.435	1.58

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

Annual Analysis for 1995 - Station TIMU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	11	0.047	0.044	0.062	0.015	0.	0.016	0.017	0.032	0.058	0.061
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	12	0.8	0.874	1.19	0.608	0.045	0.213	0.617	0.694	1.115	1.181
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	12	0.117	0.106	0.126	0.077	0.	0.021	0.077	0.081	0.124	0.125
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	20	9.35	9.255	15.8	3.5	22.339	4.726	3.9	4.425	13.8	15.55
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	21	7.7	8.514	15.1	3.	21.019	4.585	3.3	4.1	13.4	15.02
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	9 ##	0.6	0.205	0.6	-0.115	0.095	0.308	0.12	0.47	-0.087	-0.115
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	10	0.565	0.562	0.9	0.22	0.049	0.222	0.223	0.393	0.695	0.896
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	12	1.26	1.628	4.67	0.67	1.155	1.075	0.751	0.96	1.993	3.968
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/28/94-07/31/97	10	1.48	1.446	1.56	1.2	0.017	0.13	1.203	1.373	1.545	1.56

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

Annual Analysis for 1996 - Station TIMU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	31	0.055	0.043	0.111	-0.012	0.001	0.033	0.016	0.03	0.078	0.016
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	31	0.651	0.598	1.02	0.	0.078	0.279	0.128	0.36	0.756	0.999
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	30	0.08	0.074	0.125	0.014	0.001	0.031	0.018	0.045	0.095	0.111
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	35	6.5	5.019	11.4	-1.7	13.18	3.63	2.4	3.9	-0.3	10.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	35	5.9	4.513	11.	-2.5	12.84	3.583	1.82	3.1	9.8	10.22
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	36	0.18	0.032	0.37	-0.22	0.021	0.145	0.017	0.128	-0.05	-0.143
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	36	0.72	0.777	1.9	0.29	0.124	0.352	0.377	0.555	0.908	1.303
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	36	1.94	2.277	8.95	0.13	2.794	1.671	0.726	1.145	2.64	4.667
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/28/94-07/31/97	36	1.44	1.455	1.68	1.19	0.01	0.102	1.344	1.375	1.515	1.593

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

Annual Analysis for 1997 - Station TIMU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	20	0.046	0.047	0.101	0.005	0.001	0.029	0.011	0.024	0.072	0.091
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	24	0.555	0.586	1.11	0.29	0.054	0.232	0.34	0.37	0.755	0.93
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	24	0.099	0.095	0.142	0.052	0.001	0.026	0.057	0.075	0.118	0.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	24	5.15	5.613	9.5	2.9	5.372	2.318	2.95	3.425	8.025	9.2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	24	5.15	5.375	8.9	2.3	4.598	2.144	2.65	3.25	7.525	8.3
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	21 ##	0.17	0.016	0.185	-0.14	0.009	0.096	0.016	0.068	-0.073	-0.103
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	16	0.75	0.706	1.4	-0.01	0.179	0.423	0.136	0.623	1.078	0.977
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	15	1.87	2.303	6.54	0.97	2.513	1.585	1.	1.07	2.47	5.628

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

Annual Analysis for 1997 - Station TIMU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/28/94-07/31/97	15	1.47	1.427	1.6	1.	0.023	0.153	1.162	1.36	1.53	1.594

** - Less than 9 observations ## - Computed 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: TIMU0190

NPS Station ID: TIMU0190
LAT/LON: 30.391420/ -81.496866
Agency: 21FLJXWQ
Date Created: 09/16/95
Location: SJR AT RED MARKER 34
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXSJR04
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/94-12/18/96	107	23.2	22.622	30.7	11.9	31.95	5.652	12.9	17.3	28.	28.52
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/94-11/28/95	5	24.	21.6	25.5	13.	26.925	5.189	**	**	**	**
00032	CLOUD COVER (PERCENT)	01/11/94-01/02/96	6	90.	90.	100.	75.	70.	8.367	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	01/11/94-11/28/95	5	8.	7.04	12.	1.2	19.408	4.405	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	01/11/94-01/11/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/11/94-01/02/96	7	0.66	0.733	0.89	0.58	0.017	0.131	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/94-03/22/94	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/11/94-12/18/96	107	36697.	33407.907	51908.	9113.	165637832.652	12870.036	14848.	20730.	45076.	49164.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/11/94-12/18/96	107	6.3	6.686	9.5	5.1	1.571	1.254	5.3	5.6	7.7	8.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/11/94-01/02/96	36	84.65	84.978	96.	70.5	49.558	7.04	73.34	81.475	91.7	94.88
00400	PH (STANDARD UNITS)	01/11/94-12/18/96	107	8.01	7.949	8.17	7.52	0.024	0.156	7.714	7.88	8.06	8.09
00400	CONVERTED PH (STANDARD UNITS)	01/11/94-12/18/96	107	8.01	7.917	8.17	7.52	0.025	0.16	7.714	7.88	8.06	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/94-12/18/96	107	0.01	0.012	0.03	0.007	0.	0.005	0.008	0.009	0.013	0.019
00480	SALINITY - PARTS PER THOUSAND	01/11/94-12/18/96	107	23.2	21.172	34.2	5.1	78.318	8.85	8.6	12.4	29.2	32.22
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/11/94-12/18/96	75	13.	28.253	168.	2.	1301.543	36.077	6.6	9.	30.	73.2
00600	NITROGEN, TOTAL (MG/L AS N)	03/22/94-01/02/96	34	0.47	0.634	4.65	0.06	0.635	0.797	0.11	0.22	0.712	1.255
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/25/95-01/02/96	18	0.525	0.594	1.71	0.16	0.101	0.318	0.331	0.425	0.698	0.855
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	56	0.02	0.017	0.03	0.01	0.	0.006	0.01	0.01	0.02	0.026
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/11/94-12/18/96	75 ##	0.01	0.02	0.13	0.005	0.001	0.023	0.005	0.005	0.02	0.051
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	56	0.312	0.338	1.69	0.05	0.09	0.3	0.05	0.05	0.515	0.692
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/94-12/18/96	75	0.319	0.438	4.6	0.015	0.338	0.582	0.05	0.12	0.6	0.82
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/94-12/18/96	75 ##	0.005	0.013	0.06	0.005	0.	0.013	0.005	0.005	0.015	0.03
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/95-12/18/96	56 ##	0.005	0.013	0.07	0.005	0.	0.016	0.005	0.005	0.01	0.043
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/11/94-12/18/96	75	0.093	4.199	168.	0.005	624.651	24.993	0.039	0.061	0.14	0.219
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/94-12/18/96	58	0.064	0.075	0.263	0.017	0.002	0.046	0.031	0.044	0.098	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/22/94-04/25/95	31	7.9	8.306	22.4	1.9	23.401	4.837	3.02	4.4	11.5	15.28
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/03/95-04/25/95	12	4.85	5.5	12.5	2.	9.649	3.106	2.21	2.9	7.3	11.42
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/95-12/18/96	56	5110.5	4696.679	7184.	1325.	2601059.64	1612.78	2228.6	3173.25	5997.	6453.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/94-12/18/96	75	13581.	12708.107	19919.	3835.	21577036.826	4645.109	6266.2	8632.	16366.	18544.8
22413	HARDNESS, DISSOLVED, WATER MG/L	09/27/94-01/02/96	48	3856.	3618.583	6614.	434.	2774318.674	1665.629	1243.	2179.5	5096.75	5647.7
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/22/94-12/18/96	71	4.8	5.464	22.77	2.97	7.572	2.752	3.494	4.09	6.03	8.434
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-11/28/95	29	3.2	4.062	19.51	1.34	11.725	3.424	1.87	2.67	3.87	6.68
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-11/28/95	29 ##	0.13	0.123	0.6	-0.075	0.037	0.192	0.02	0.068	0.298	-0.065
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-11/28/95	29	0.63	0.684	3.28	-0.005	0.435	0.66	0.15	0.203	0.95	1.76
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-11/28/95	29	2.05	2.397	6.04	0.66	1.593	1.262	0.9	1.505	3.205	4.25
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-11/28/95	29	1.45	1.425	1.6	1.22	0.011	0.104	1.25	1.345	1.495	1.55
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/11/94-12/18/96	75	5066.	4599.387	7184.	1325.	2641411.754	1625.242	2191.8	3111.	6000.	6292.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/94-08/30/94	19	5.	7.368	20.	3.	25.023	5.002	3.	4.	8.	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 time series plot

Parameter Inventory for Station: TIMU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/11/94-12/18/96	75	0.044	0.047	0.13	0.005	0.001	0.028	0.014	0.022	0.07	0.087
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	01/11/94-11/20/96	63	1.	0.762	1.	0.5	0.063	0.252	0.5	0.5	1.	1.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/22/94-12/18/96	57	4.	5.105	21.	1.5	15.446	3.93	2.	2.5	6.	11.2
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/11/94-01/02/96	10	10.55	9.598	13.5	0.08	15.802	3.975	0.622	8.8	12.175	13.42

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

EPA Water Quality Criteria Analysis for Station: TIMU0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	107	0	0.00	71	0	0.00	36	0	0.00						
00400	PH	Fresh Chronic	9.	107	0	0.00	71	0	0.00	36	0	0.00						
		Other-Lo Lim.	6.5	107	0	0.00	71	0	0.00	36	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	75	0	0.00	47	0	0.00	28	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	56	0	0.00	34	0	0.00	22	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	75	75	1.00	47	47	1.00	28	28	1.00						
		Drinking Water	250.	75	75	1.00	47	47	1.00	28	28	1.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	57	0	0.00	34	0	0.00	23	0	0.00						

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

Station Inventory for Station: TIMU0191

NPS Station ID: TIMU0191
LAT/LON: 30.389587/ -81.497088
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R NEAR MARKER 34
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030012 / LSJR37
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 40
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 12.900
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103249800.00
RF3 Mile Point: 3.06
Distance from RF3: 0.03
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER NEAR MARKER 34

Parameter Inventory for Station: TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	87	2.	8.609	46.	0.	111.218	10.546	1.	1.	20.	23.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-04/20/87	47	22.4	23.074	31.5	11.	29.82	5.461	15.	19.5	28.5	29.
00055	VELOCITY, STREAM FT/SEC	08/20/86-04/20/87	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-11/14/78	35	3.	4.309	17.	0.	26.548	5.152	0.	0.	8.	12.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/78-07/20/88	26	7.85	7.735	14.	1.9	10.034	3.168	3.55	5.	10.075	12.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/77-03/14/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/20/87	4	1.3	1.175	1.3	0.8	0.063	0.25	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	22	40.	43.409	100.	20.	465.206	21.569	23.	30.	50.	91.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/76-04/20/87	11	25000.	24554.545	37900.	10000.	56496727.273	7516.43	11800.	20000.	28500.	37220.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-05/10/88	39	26000.	25907.692	44000.	5700.	93155991.903	9651.735	8000.	20000.	33100.	38200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/14/77-02/17/87	4	6.65	7.05	9.8	5.1	4.63	2.152	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/72-10/27/86	49	6.5	6.471	12.5	4.	2.578	1.606	4.6	5.15	7.2	8.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-10/22/86	13	1.1	0.869	1.6	0.	0.399	0.632	0.	0.	1.35	1.56
00400	PH (STANDARD UNITS)	07/18/72-06/23/87	12	7.75	7.587	8.1	5.5	0.465	0.682	6.1	7.6	7.9	8.07
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-06/23/87	12	7.747	6.553	8.1	5.5	1.632	1.277	6.1	7.6	7.9	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-06/23/87	12	0.018	0.28	3.162	0.008	0.824	0.908	0.009	0.013	0.025	2.223
00403p	PH, LAB, STANDARD UNITS SU	10/09/73-05/10/88	58	7.85	7.69	8.3	6.5	0.164	0.405	6.99	7.5	8.	8.01
00403p	CONVERTED PH, LAB, STANDARD UNITS	10/09/73-05/10/88	58	7.847	7.435	8.3	6.5	0.23	0.479	6.99	7.5	8.	8.01
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/73-05/10/88	58	0.014	0.037	0.316	0.005	0.003	0.058	0.01	0.01	0.032	0.103
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/09/73-01/11/79	39	93.	85.487	127.	0.	758.099	27.534	53.	80.	100.	111.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/09/73-01/11/79	38	7.5	12.308	135.	0.	462.354	21.502	1.	4.	13.25	22.
00480	SALINITY - PARTS PER THOUSAND	10/27/86-04/20/87	3	20.	19.333	22.	16.	9.333	3.055	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/05/72-08/08/78	2	10770.	10770.	16130.	5410.	57459200.	7580.185	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/05/72-05/05/72	1	3780.	3780.	3780.	3780.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/05/72-05/05/72	1	12350.	12350.	12350.	12350.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/05/72-05/05/72	1	16080.	16080.	16080.	16080.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-10/22/86	43	32.	61.581	650.	8.	12545.535	112.007	18.8	24.	55.	87.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/05/72-07/20/72	7	12.	11.571	23.	5.	33.952	5.827	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/05/72-07/20/72	7	13.	15.429	32.	9.	58.286	7.635	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/03/75-07/20/88	2	3.55	3.55	6.4	0.7	16.245	4.031	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/09/73-01/11/79	35	0.489	0.703	3.427	0.016	0.585	0.765	0.033	0.15	0.96	1.374
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-05/10/88	42	0.05	0.101	1.1	0.	0.032	0.179	0.	0.025	0.105	0.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/07/73-01/11/79	35	0.25	0.308	0.99	0.014	0.064	0.253	0.034	0.08	0.51	0.62
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/27/86-06/23/87	2 ##	0.213	0.213	0.376	0.05	0.053	0.231	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/86-05/10/88	4 ##	0.108	0.16	0.4	0.025	0.032	0.178	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/74-10/18/78	27	0.26	0.6	2.94	0.01	0.619	0.787	0.07	0.09	0.83	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 time series plot

Parameter Inventory for Station: TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/07/74-11/14/78	38	0.11	0.265	2.93	0.02	0.26	0.509	0.05	0.078	0.205	0.536
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/75-10/27/86	5	0.08	0.215	0.56	0.015	0.054	0.233	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/09/73-09/19/78	11	16.	17.327	34.	2.	91.218	9.551	3.4	9.	26.	32.72
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/09/73-12/04/73	3	92.	91.333	95.	87.	16.333	4.041	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/09/73-12/04/73	2	478.55	478.55	525.1	432.	4333.805	65.832	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/18/78-10/18/78	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-05/10/88	25	11000.	11656.96	21000.	4000.	24547691.29	4954.563	5920.	7200.	16203.	19455.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/09/73-11/07/73	2	200.	200.	230.	170.	1800.	42.426	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	23	0.73	0.701	0.91	0.41	0.017	0.129	0.462	0.66	0.8	0.846
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/02/75-10/13/75	5	40.	50.	80.	40.	300.	17.321	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	10/09/73-10/13/75	13	40.	50.692	200.	0.	3984.064	63.119	0.	0.	81.5	180.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/75-10/27/86	21	50.	45.667	90.	2.	750.908	27.403	2.5	21.	64.	84.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	0.825	0.825	1.55	0.1	1.051	1.025	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/07/73-01/11/79	5	11.	77.8	350.	0.	23205.2	152.333	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/09/73-10/13/75	16	0.06	31.519	200.	0.	3851.664	62.062	0.	0.001	45.75	176.2
01042	COPPER, TOTAL (UG/L AS CU)	10/13/75-10/27/86	21	50.	53.983	161.	0.15	1496.853	38.689	10.5	21.5	71.	107.2
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	2	6.9	6.9	12.	1.8	52.02	7.212	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/07/73-10/27/86	31	364.	629.903	5900.	101.	1034952.224	1017.326	160.	250.	600.	1056.
01051	LEAD, TOTAL (UG/L AS PB)	10/09/73-10/27/86	34	130.	167.956	620.	0.	28709.278	169.438	0.	37.5	235.	450.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	2	8.455	8.455	12.8	4.11	37.758	6.145	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/07/73-10/27/86	3	5.	25.333	71.	0.	1570.333	39.627	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/07/73-10/27/86	3	20.	23.	49.	0.	607.	24.637	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/09/73-10/27/86	41	50.	68.476	700.	5.	11853.574	108.874	5.1	20.	80.	110.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/04/73-01/11/79	23	440.	869.565	4900.	20.	1572758.893	1254.097	34.	80.	660.	2980.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/04/73-01/11/79	23	2.643	2.512	3.69	1.301	0.452	0.672	1.527	1.903	2.82	3.47
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			325.168								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-06/13/77	24	495.	1761.1	13000.	0.2	8804283.437	2967.201	13.1	230.	2225.	5950.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-06/13/77	24	2.695	2.569	4.114	-0.699	1.383	1.176	0.358	2.362	3.343	3.768
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			370.594								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/09/73-09/08/75	14	215.	868.571	4900.	50.	2133397.802	1460.616	90.	130.	792.5	4200.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/09/73-09/08/75	14	2.331	2.529	3.69	1.699	0.331	0.575	1.906	2.114	2.899	3.617
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			338.018								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	41	80.	358.878	4900.	1.	848708.31	921.254	4.8	26.5	230.	798.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	41	1.903	1.871	3.69	0.	0.653	0.808	0.662	1.419	2.362	2.902
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			74.335								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/73-01/11/79	23	50.	310.	3300.	3.	500217.091	707.26	5.8	20.	300.	934.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/04/73-01/11/79	23	1.699	1.844	3.519	0.477	0.627	0.792	0.686	1.301	2.477	2.907
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.748								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/20/87	5	4.27	3.37	5.07	0.27	3.57	1.889	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	4.32	4.32	4.32	4.32	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	93.78	93.78	93.78	93.78	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/09/73-01/11/79	7	0.33	0.438	1.5	0.08	0.237	0.487	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/09/73-11/07/73	2	2.4	2.4	4.8	0.	11.52	3.394	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	25	42.	44.12	61.	36.	27.193	5.215	39.2	41.	47.	50.
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	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: TIMU0191

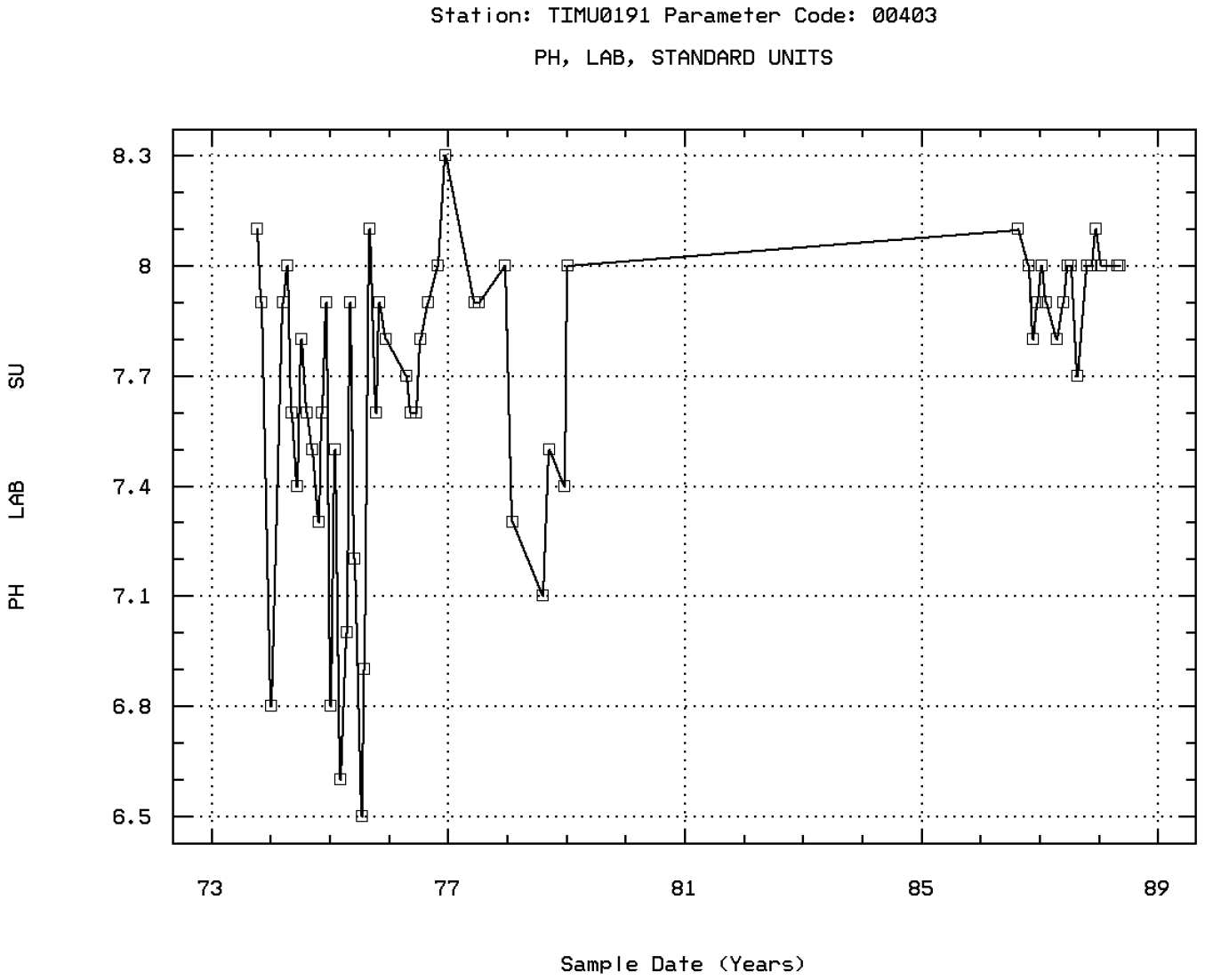
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	35	0	0.00	24	0	0.00	11	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	26	0	0.00	14	0	0.00	12	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	49	1	0.02	36	1	0.03	13	0	0.00						
00400	PH	Marine Chronic	8.5	12	0	0.00	10	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	12	1	0.08	10	0	0.00	2	1	0.50						
00403	PH, LAB	Marine Chronic	8.5	58	0	0.00	37	0	0.00	21	0	0.00						
		Other-Lo Lim.	6.5	58	1	0.02	37	1	0.03	21	0	0.00						
01025	CADMIUM, DISSOLVED	Marine Acute	43.	5	2	0.40	5	2	0.40									
01026	CADMIUM, SUSPENDED	Marine Acute	43.	13	4	0.31	9	1	0.11	4	3	0.75						
01027	CADMIUM, TOTAL	Marine Acute	43.	21	12	0.57	14	7	0.50	7	5	0.71						
01040	COPPER, DISSOLVED	Marine Acute	2.9	16	6	0.38	12	6	0.50	4	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	17 &	16	0.94	11	10	0.91	6	6	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	34	9	0.26	24	4	0.17	10	5	0.50						
01067	NICKEL, TOTAL	Marine Acute	75.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	41	8	0.20	29	6	0.21	12	2	0.17						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	23	5	0.22	12	3	0.25	11	2	0.18						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	24	8	0.33	20	7	0.35	4	1	0.25						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	14	8	0.57	10	6	0.60	4	2	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	41	12	0.29	26	9	0.35	15	3	0.20						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	9	0.39	12	3	0.25	11	6	0.55						
71900	MERCURY, TOTAL	Marine Acute	2.1	2	1	0.50	2	1	0.50									

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



ST JOHNS R NEAR MARKER 34

Annual Analysis for 1972 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	8	10.	9.	10.	2.	8.	2.828	**	**	**	**

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

Annual Analysis for 1973 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	3	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	11	1.	0.909	1.	0.	0.091	0.302	0.2	1.	1.	1.

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

Annual Analysis for 1975 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	13	1.	0.769	1.	0.	0.192	0.439	0.	0.5	1.	1.

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

Annual Analysis for 1976 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	8	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Annual Analysis for 1977 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	4	3.	2.5	3.	1.	1.	1.	**	**	**	**

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

Annual Analysis for 1978 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	6	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Annual Analysis for 1986 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	10	23.	21.3	46.	2.	230.011	15.166	2.	8.	36.	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 1987 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	17	21.	17.118	25.	1.	72.735	8.528	1.8	10.	22.5	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 1988 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	6	20.	20.333	21.	20.	0.267	0.516	**	**	**	**

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	59	2.	8.119	46.	1.	112.555	10.609	1.	1.	10.	22.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-04/20/87	32	27.5	26.047	31.5	20.	10.997	3.316	22.	22.1	29.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-11/14/78	24	2.4	4.617	17.	0.	28.888	5.375	0.	0.	9.5	12.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/78-07/20/88	14	6.15	6.85	12.	2.5	7.78	2.789	3.4	4.875	9.075	11.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-05/10/88	24	26000.	25008.333	44000.	5700.	108648623.188	10423.465	7100.	19850.	31275.	40250.
00300	OXYGEN, DISSOLVED MG/L	07/18/72-10/27/86	36	5.75	5.856	7.8	4.	1.125	1.061	4.57	4.9	6.775	7.35
00400	PH (STANDARD UNITS)	07/18/72-06/23/87	10	7.75	7.744	8.	7.5	0.028	0.167	7.51	7.6	7.9	7.99
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-06/23/87	10	7.747	7.716	8.	7.5	0.029	0.169	7.51	7.6	7.9	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-06/23/87	10	0.018	0.019	0.032	0.01	0.	0.007	0.01	0.013	0.025	0.031
00403	PH, LAB, STANDARD UNITS SU	10/09/73-05/10/88	37	7.8	7.692	8.1	6.5	0.141	0.375	7.08	7.55	8.	8.02
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/73-05/10/88	37	7.8	7.471	8.1	6.5	0.191	0.437	7.08	7.55	8.	8.02
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/73-05/10/88	37	0.016	0.034	0.316	0.008	0.003	0.055	0.01	0.01	0.028	0.084
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-10/22/86	33	29.	68.606	650.	15.	16136.621	127.03	18.8	23.5	56.5	110.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-05/10/88	29	0.05	0.097	1.1	0.	0.041	0.203	0.	0.024	0.1	0.145
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-05/10/88	19	11700.	11940.421	21000.	4000.	29457695.702	5427.494	5500.	7200.	17600.	20986.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/75-10/27/86	14	45.	44.429	90.	2.	1074.071	32.773	2.25	11.875	77.75	87.5
01042	COPPER, TOTAL (UG/L AS CU)	10/13/75-10/27/86	14	50.	54.261	161.	0.15	1989.24	44.601	5.075	12.875	80.5	135.
01045	IRON, TOTAL (UG/L AS FE)	11/07/73-10/27/86	20	510.	772.15	5900.	101.	1553189.713	1246.27	146.	289.25	600.	1307.
01051	LEAD, TOTAL (UG/L AS PB)	10/09/73-10/27/86	24	115.	141.063	588.	0.	19637.572	140.134	2.25	50.	197.25	360.
01092	ZINC, TOTAL (UG/L AS ZN)	10/09/73-10/27/86	29	40.	74.448	700.	5.	16393.756	128.038	5.	20.	85.	134.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	26	130.	493.885	4900.	1.	1283571.786	1132.948	3.4	21.75	307.5	1610.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	26	2.114	1.955	3.69	0.	0.804	0.897	0.512	1.337	2.487	3.095
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			90.182								

** - 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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-07/20/88	28	2.	9.643	25.	0.	110.831	10.528	0.	1.	20.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-04/20/87	15	16.	16.733	22.	11.	10.352	3.218	11.9	15.	19.5	21.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-11/14/78	11	3.	3.636	16.	0.	23.097	4.806	0.	0.	5.5	14.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/78-07/20/88	12	9.	8.767	14.	1.9	11.453	3.384	2.53	7.425	11.575	13.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-05/10/88	15	26000.	27346.667	38200.	12200.	70752666.667	8411.46	16280.	20000.	36900.	38080.
00300	OXYGEN, DISSOLVED MG/L	07/18/72-10/27/86	13	7.7	8.177	12.5	6.	2.744	1.656	6.44	7.1	8.95	11.5
00400	PH (STANDARD UNITS)	07/18/72-06/23/87	2	6.8	6.8	8.1	5.5	3.38	1.838	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-06/23/87	2	5.8	5.8	8.1	5.5	5.38	2.32	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-06/23/87	2	1.585	1.585	3.162	0.008	4.975	2.23	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/09/73-05/10/88	21	7.9	7.686	8.3	6.6	0.214	0.463	6.8	7.45	8.	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/73-05/10/88	21	7.9	7.38	8.3	6.6	0.313	0.559	6.8	7.45	8.	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/73-05/10/88	21	0.013	0.042	0.251	0.005	0.004	0.065	0.008	0.01	0.036	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-10/22/86	10	35.	38.4	76.	8.	393.156	19.828	9.3	24.75	52.25	74.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-05/10/88	13	0.085	0.11	0.418	0.	0.013	0.115	0.	0.025	0.17	0.331
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-05/10/88	6	10450.	10759.333	16006.	6900.	10509002.667	3241.759	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/75-10/27/86	7	54.	48.143	60.	25.	165.143	12.851	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/13/75-10/27/86	7	51.	53.429	100.	15.	678.952	26.057	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/07/73-10/27/86	11	280.	371.273	780.	150.	39749.218	199.372	160.	227.	540.	744.
01051	LEAD, TOTAL (UG/L AS PB)	10/09/73-10/27/86	10	222.5	232.5	620.	0.	48524.944	220.284	0.	21.75	400.25	604.1
01092	ZINC, TOTAL (UG/L AS ZN)	10/09/73-10/27/86	12	52.5	54.042	110.	5.5	1053.021	32.45	6.85	31.	77.5	107.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	15	50.	124.867	800.	2.	40265.838	200.663	5.6	30.	130.	464.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/09/73-07/20/88	15	1.699	1.726	2.903	0.301	0.395	0.628	0.662	1.477	2.114	2.589
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			53.176								

** - 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

Station Inventory for Station: TIMU0192

NPS Station ID: TIMU0192 | LAT/LON: 30.533976/ -81.498809 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: PUMPKIN HILL CK WEST OF BROWARD ISLANDS | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_TIM06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AMELIA CITY; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 06 WAS AT PUMPKIN HILL CREEK EAST OF BROWARD ISLANDS AND WEST OF NORTHERN END OF BLACK HAMMOCK ISLAN INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 06 PREVIOUSLY WAS LABELED NR5. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	48	4.5	5.694	15.	0.	21.291	4.614	0.98	1.25	10.	13.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	30	19.9	22.087	29.7	15.6	35.252	5.937	15.6	16.4	29.325	29.69
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	21.5	23.029	31.2	17.5	24.539	4.954	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	30.	46.571	100.	0.	2298.952	47.947	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	10.	9.971	21.	3.3	35.856	5.988	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	0.8	0.703	1.	0.33	0.065	0.254	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	30	41348.	37109.9	45727.	7035.	122045483.748	11047.42	11460.6	36956.25	43742.75	45593.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	30	6.1	6.327	8.7	4.8	1.604	1.267	4.83	5.175	7.825	8.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	30	80.2	81.86	92.6	72.9	45.168	6.721	73.25	76.375	89.375	91.69
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	11	1.	0.864	1.	0.5	0.055	0.234	0.5	0.5	1.	1.
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	30	7.52	7.505	7.83	7.17	0.02	0.141	7.252	7.47	7.6	7.63
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	30	7.52	7.481	7.83	7.17	0.021	0.143	7.252	7.47	7.6	7.63
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	30	0.03	0.033	0.068	0.015	0.	0.012	0.023	0.025	0.034	0.056
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	30	26.5	23.713	29.7	3.9	55.003	7.416	6.63	23.45	28.25	29.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	11	21.	30.	66.	11.	401.8	20.045	11.2	14.	56.	64.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	11	0.029	0.038	0.1	0.005	0.001	0.035	0.005	0.01	0.062	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	11	0.568	0.577	0.964	0.05	0.063	0.252	0.116	0.415	0.792	0.93
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	11	0.084	0.085	0.119	0.055	0.001	0.023	0.055	0.062	0.108	0.118

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

Parameter Inventory for Station: TIMU0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	11	4899.	3916.364	6180.	531.	4120016.055	2029.782	531.2	2682.	5559.	6122.2
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	10	592500.	504600.	766000.	116000.5	1391600000.	226697.155	116400.	360000.	656750.	757400.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	11	13923.	11383.909	16199.	1933.	27591538.091	5252.765	1936.2	8800.	14854.	16034.2
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	10	## 0.5	0.7	2.	0.5	0.233	0.483	0.5	0.5	0.625	1.9
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	10	700.	960.9	1980.	403.	397585.211	630.544	403.8	500.25	1682.5	1978.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	10	## 0.5	0.85	2.	0.5	0.392	0.626	0.5	0.5	1.25	2.
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	8	## 1.5	1.75	2.5	1.5	0.214	0.463	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	10	## 2.5	11.7	91.	2.5	777.567	27.885	2.5	2.5	3.375	82.5
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	10	1355.	2035.9	4730.	816.	2190699.211	1480.101	832.5	1047.75	3204.	4716.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	10	## 1.5	1.9	2.5	1.5	0.267	0.516	1.5	1.5	2.5	2.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	10	## 10.	15.1	33.	10.	75.433	8.685	10.	10.	22.5	32.4
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	10	## 5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	10	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	11	0.021	0.04	0.2	0.016	0.003	0.054	0.016	0.018	0.038	0.168
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	10	## 0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	8	8.5	13.125	31.5	6.	107.242	10.356	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	30	0	0.00	22	0	0.00	8	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	30	0	0.00	22	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	30	0	0.00	22	0	0.00	8	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	10	0	0.00	6	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	10	0	0.00	6	0	0.00	4	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	10	0	0.00	6	0	0.00	4	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	10	0	0.00	6	0	0.00	4	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	10	0	0.00	6	0	0.00	4	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	10	0	0.00	6	0	0.00	4	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	10	0	0.00	6	0	0.00	4	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	10	0	0.00	6	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	0	0.00	6	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: TIMU0193

NPS Station ID: TIMU0193
LAT/LON: 30.563892/ -81.500005
Agency: 21FLSJWM
Date Created: 08/01/92
Location: NASSAU RIVER 100 M PAST SEYMOUR PT
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 3.00
On/Off RF1:
RF3 Index: 03070205000403.75
RF3 Mile Point: 6.17
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	4	24.4	23.2	29.2	14.8	38.407	6.197	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	3	1.	0.967	1.2	0.7	0.063	0.252	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	4	40.	37.5	50.	20.	225.	15.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	3	37600.	39000.	43400.	36000.	15160000.	3893.584	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	4	6.15	6.175	7.1	5.3	0.622	0.789	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-01/18/93	4	7.05	7.	7.3	6.6	0.087	0.294	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-01/18/93	4	7.047	6.92	7.3	6.6	0.095	0.308	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-01/18/93	4	0.09	0.12	0.251	0.05	0.008	0.09	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	11.	15.	36.	2.	238.	15.427	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	0.965	0.947	1.556	0.301	0.31	0.557	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.845								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	9.375	8.225	10.15	4.	8.171	2.859	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	5.21	5.28	8.29	2.41	10.07	3.173	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	0.14	0.502	1.73	0.	0.687	0.829	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	1.515	1.455	2.34	0.45	0.64	0.8	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	2.29	4.592	12.19	1.6	25.812	5.081	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	4	1.465	1.408	1.58	1.12	0.042	0.206	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	4	6.35	6.6	7.6	6.1	0.5	0.707	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-01/18/93	3	9.	8.5	10.	6.5	3.25	1.803	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	3	0	0.00	1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0194

NPS Station ID: TIMU0194
LAT/LON: 30.563059/ -81.501115
Agency: 112WRD
Date Created: 09/30/89
Location: NASSAU RIVER AT I-95 NEAR HEDGES, FL
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303347081300400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 03070205034700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/05/84-09/05/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-10/23/86	45	6000.	7932.089	24000.	120.	64606770.446	8037.834	120.	152.5	14000.	20000.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-10/23/86	35	6.3	6.251	8.5	4.	1.139	1.067	4.56	5.6	7.	7.6
00400	PH (STANDARD UNITS)	12/01/82-10/23/86	21	6.7	6.685	7.5	5.2	0.281	0.53	6.04	6.3	7.15	7.28
00400	CONVERTED PH (STANDARD UNITS)	12/01/82-10/23/86	21	6.7	6.258	7.5	5.2	0.472	0.687	6.04	6.3	7.15	7.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/82-10/23/86	21	0.2	0.552	6.31	0.032	1.8	1.342	0.053	0.071	0.501	0.926
00480	SALINITY - PARTS PER THOUSAND	12/01/82-06/17/86	20	7.25	6.53	18.5	0.	29.519	5.433	0.	0.1	10.875	11.45
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-10/23/86	11	0.03	0.037	0.107	0.	0.001	0.03	0.001	0.016	0.052	0.096
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-10/23/86	11	1.08	1.057	1.34	0.76	0.046	0.214	0.77	0.86	1.3	1.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-10/23/86	15	0.04	0.047	0.14	0.009	0.001	0.035	0.01	0.02	0.05	0.116
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-10/23/86	15	0.162	0.187	0.332	0.123	0.005	0.068	0.124	0.133	0.236	0.318
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-10/23/86	14	0.102	0.126	0.284	0.068	0.005	0.069	0.074	0.086	0.129	0.283

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

EPA Water Quality Criteria Analysis for Station: TIMU0194

				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	35	1	0.03	18	1	0.06	17	0	0.00						
00400	PH	Fresh Chronic	9.	21	0	0.00	13	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	21	7	0.33	13	6	0.46	8	1	0.13						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	9	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: TIMU0195

NPS Station ID: TIMU0195
LAT/LON: 30.563059/ -81.501115
Agency: 21FLSJWM
Date Created: 08/01/92
Location: NASSAU RIVER AT INTERSTATE 95
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NIH /SSJ10050
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 03070205034700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/16/85-10/23/86	10	2.	4.6	20.	2.	35.6	5.967	2.	2.	4.	19.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-10/23/86	43	21.	20.807	30.	12.3	30.152	5.491	14.	15.	26.5	27.64
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-10/23/86	21	19.	20.619	30.5	10.	37.423	6.117	10.	18.5	27.	28.
00032	CLOUD COVER (PERCENT)	12/01/82-10/23/86	28	10.	26.429	100.	0.	1053.439	32.457	0.	10.	40.	95.5
00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-10/23/86	25	10.	10.96	20.	1.	50.123	7.08	1.6	4.5	20.	20.
00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-10/23/86	27	54.	43.926	90.	20.	516.456	22.726	20.	20.	64.	64.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-10/23/86	16	21.	22.688	40.	13.	65.829	8.114	13.7	18.	24.75	40.
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-10/23/86	15	180.	226.333	900.	70.	42026.667	205.004	70.	100.	250.	585.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/01/82-10/23/86	35	6.3	6.251	8.5	4.	1.139	1.067	4.56	5.6	7.	7.6
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-11/04/85	13	1.6	2.115	7.1	0.8	2.603	1.613	0.88	1.3	2.3	5.46
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	12	37.	34.583	65.	3.	373.174	19.318	5.4	15.	51.75	62.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-11/04/85	14	19.5	21.429	43.	7.	111.495	10.559	9.	12.	31.	37.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	5	0.029	0.034	0.064	0.003	0.001	0.028	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	5	1.04	0.882	1.26	0.39	0.148	0.384	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/04/84-09/10/85	4	0.102	0.111	0.195	0.045	0.004	0.067	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	11	650.	906.091	2820.	33.	823898.891	907.689	37.6	64.	1400.	2696.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/05/83-09/10/85	8	53.	47.025	91.3	3.6	1042.562	32.289	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/10/85	8	82.	171.9	486.	3.9	40726.889	201.809	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/10/85	8	1145.5	1525.625	3780.	23.	2137743.125	1462.102	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/10/85	8	48.	61.55	153.	1.9	3256.377	57.065	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-11/04/85	14	1625.	2600.	8080.	26.	6686582.308	2585.843	35.	146.75	4088.25	7325.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-11/04/85	14	255.	360.571	1120.	1.	127590.725	357.198	4.	22.25	662.25	996.
01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/10/85	8	210.5	363.875	1287.	90.	153112.411	391.296	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/04/85	12	3.37	6.565	25.93	0.64	60.149	7.756	0.652	0.96	10.88	22.768
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/04/85	12	0.835	4.899	22.9	0.	63.054	7.941	0.	0.	6.685	21.805
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/04/85	12	0.41	0.683	2.45	0.	0.737	0.858	0.	0.	1.23	2.342
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/04/85	12	0.755	1.693	6.66	0.	5.503	2.346	0.	0.005	2.688	6.438
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/04/85	12	3.44	4.923	13.74	0.	21.299	4.615	0.177	1.235	9.523	12.939
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-11/04/85	12	1.17	1.44	5.	0.8	1.301	1.14	0.818	0.925	1.36	3.932
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-09/10/85	13	3694.	5507.846	16200.	169.	23128644.474	4809.225	192.6	1245.5	8280.	14428.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-10/23/86	15	6.9	6.887	15.	1.8	11.574	3.402	2.28	4.2	8.5	12.96

** - 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: TIMU0195

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	35	1	0.03	18	1	0.06	17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	10	0.71	8	6	0.75	6	4	0.67						
		Drinking Water	250.	14	10	0.71	8	6	0.75	6	4	0.67						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	8	0.57	8	6	0.75	6	2	0.33						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	15	0	0.00	9	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: TIMU0196

NPS Station ID: TIMU0196
LAT/LON: 30.388892/ -81.501392
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: ST JOHNS RIVER AT FULTON POINT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RR0001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 03070205025000.00
RF3 Mile Point: 8.67
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/25/91	45	22.6	22.333	31.	10.5	32.838	5.73	13.84	18.	28.25	29.82
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/89-03/25/91	6	23.75	22.917	32.	12.	66.442	8.151	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/07/89-03/25/91	6	0.	20.833	100.	0.	1604.167	40.052	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/07/89-03/25/91	6	6.5	6.083	7.	4.5	1.242	1.114	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/14/91-03/25/91	2	1.425	1.425	1.5	1.35	0.011	0.106	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/83-03/25/91	40	37900.	35757.5	53000.	7000.	129625070.513	11385.301	19740.	27250.	45000.	50470.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	44	7.1	7.182	9.5	4.8	1.431	1.196	5.45	6.325	8.	8.95
00310	BOD, 5 DAY, 20 DEG C MG/L	10/05/83-12/14/83	2	1.3	1.3	2.3	0.3	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	10/05/83-03/25/91	39	8.01	7.525	8.22	5.5	0.569	0.754	6.3	7.	8.08	8.17
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-03/25/91	39	8.01	6.746	8.22	5.5	1.192	1.092	6.3	7.	8.08	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-03/25/91	39	0.01	0.18	3.162	0.006	0.272	0.521	0.007	0.008	0.1	0.501
00480	SALINITY - PARTS PER THOUSAND	01/24/89-03/25/91	22	28.75	27.618	34.9	11.9	29.842	5.463	19.79	24.05	31.35	33.81
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	28	48.	49.679	112.	19.	454.3	21.314	26.3	35.25	59.25	79.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/83-12/14/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/83-03/25/91	28 ##	0.021	0.05	0.37	0.006	0.005	0.073	0.006	0.007	0.07	0.112
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/83-03/25/91	14	0.3	0.398	1.1	0.008	0.096	0.31	0.069	0.153	0.593	1.005
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/83-03/25/91	28	0.065	0.096	0.38	0.003	0.01	0.099	0.01	0.011	0.168	0.222
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	27	0.107	0.11	0.29	0.01	0.005	0.071	0.016	0.05	0.153	0.216
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-03/25/91	17	4800.	4568.235	7600.	1200.	3489402.941	1867.994	1728.	3050.	6300.	6800.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	28	14550.	13248.214	19000.	2800.	16678422.619	4083.922	7785.	10400.	15875.	18050.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-01/14/91	6 ##	0.5	0.583	1.	0.	0.142	0.376	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	23	210.	301.739	1340.	35.	112186.111	334.942	70.	140.	310.	932.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-01/14/91	6 ##	0.5	0.667	2.	0.	0.467	0.683	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	01/14/91-03/25/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-03/25/91	11	6.	42.091	380.	0.5	12654.841	112.494	0.6	2.	14.	310.8
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/07/89-03/25/91	4	170.5	288.25	810.	2.	144257.583	379.813	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-03/25/91	20	40.	54.525	160.	0.5	2648.986	51.468	0.5	9.125	100.5	139.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-03/25/91	10	392.	618.4	2600.	110.	542918.933	736.83	111.	180.	775.	2422.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-03/25/91	17 ##	3.	5.294	52.	0.5	147.752	12.155	0.5	0.5	4.5	14.4
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-03/25/91	23	10.	17.087	60.	0.5	292.969	17.116	2.7	5.	20.	54.6
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	06/26/84-03/25/91	11	34.	143.	920.	0.5	73075.45	270.325	0.7	5.	180.	786.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	23	18.	57.217	330.	2.	6277.292	79.229	3.2	5.	79.	158.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-03/25/91	3	8.	10.	16.	6.	28.	5.292	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	01/14/91-03/25/91	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	26	120.	459.962	5000.	4.	1158534.118	1076.352	10.	35.	182.5	1840.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-03/25/91	26	2.078	1.996	3.699	0.602	0.565	0.752	1.	1.527	2.258	3.257
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			99.042								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	28	35.	351.071	5000.	1.	1025794.291	1012.815	1.	10.	77.5	1048.

** - Less than 9 observations ## - 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: TIMU0196

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)	10/05/83-03/25/91	28	1.54	1.517	3.699	0.	0.971	0.986	0.	1.	1.889	3.002
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.873								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-01/14/91	8	0.375	1.019	6.	0.1	4.071	2.018	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	06/26/84-03/25/91	9	12.2	11.344	13.7	2.5	12.128	3.482	2.5	11.15	13.5	13.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	28	3.9	4.411	13.	1.6	5.895	2.428	2.09	3.	5.275	8.19

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

EPA Water Quality Criteria Analysis for Station: TIMU0196

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	44	0	0.00	24	0	0.00	20	0	0.00						
00400	PH	Marine Chronic	8.5	39	0	0.00	21	0	0.00	18	0	0.00						
		Other-Lo Lim.	6.5	39	7	0.18	21	3	0.14	18	4	0.22						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	2	0	0.00				2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	11	1	0.09	7	1	0.14	4	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	4	4	1.00	1	1	1.00	3	3	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	19 &	4	0.21	12	4	0.33	7	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	17	1	0.06	10	1	0.10	7	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	23	0	0.00	15	0	0.00	8	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	17 &	15	0.88	11	10	0.91	6	5	0.83						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	2	0	0.00				2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	26	3	0.12	16	0	0.00	10	3	0.30						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	6	0.21	16	1	0.06	12	5	0.42						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	1	0.13	4	1	0.25	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	28	0	0.00	16	0	0.00	12	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/25/91	25	28.	26.616	31.	21.5	9.683	3.112	22.6	23.2	29.55	30.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/83-03/25/91	22	41350.	40540.909	53000.	23000.	83902532.468	9159.833	27300.	32900.	48700.	52420.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	24	6.55	6.467	8.6	4.8	0.836	0.914	5.3	5.7	6.9	7.75
00400	PH (STANDARD UNITS)	10/05/83-03/25/91	21	8.	7.62	8.17	6.17	0.397	0.63	6.5	7.25	8.07	8.17
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-03/25/91	21	8.	7.082	8.17	6.17	0.701	0.837	6.5	7.25	8.07	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-03/25/91	21	0.01	0.083	0.676	0.007	0.027	0.164	0.007	0.009	0.066	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	16	45.	48.563	98.	30.	304.796	17.458	31.4	35.25	59.25	74.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/83-03/25/91	16 ##	0.01	0.031	0.11	0.006	0.001	0.036	0.006	0.007	0.06	0.097
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/83-03/25/91	16	0.07	0.097	0.38	0.01	0.01	0.1	0.01	0.014	0.155	0.261
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	15	0.107	0.124	0.29	0.01	0.006	0.077	0.029	0.085	0.19	0.26
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	16	15000.	14875.	19000.	8600.	9843333.333	3137.409	9720.	12375.	17875.	18650.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	13	210.	212.385	380.	70.	8294.09	91.072	74.4	145.	289.5	352.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	14	52.	78.357	330.	2.	8353.478	91.397	3.5	5.	135.5	250.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	16	70.	131.188	920.	4.	49031.363	221.43	8.2	11.75	160.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-03/25/91	16	1.845	1.714	2.964	0.602	0.411	0.641	0.881	1.068	2.201	2.529
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.725								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	16	21.5	48.	350.	1.	7187.467	84.779	1.	5.5	65.	161.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	16	1.331	1.22	2.544	0.	0.515	0.718	0.	0.702	1.809	2.095
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.577								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	16	3.1	3.994	9.	1.6	4.029	2.007	1.95	2.85	5.5	7.6

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/25/91	20	17.6	16.98	21.	10.5	9.515	3.085	12.5	14.45	19.8	20.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/83-03/25/91	18	32650.	29911.111	45100.	7000.	127929281.046	11310.583	16000.	20650.	38925.	44740.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-03/25/91	20	7.9	8.04	9.5	6.9	0.806	0.898	7.01	7.225	8.85	9.5
00400	PH (STANDARD UNITS)	10/05/83-03/25/91	18	8.06	7.416	8.22	5.5	0.78	0.883	6.13	6.55	8.085	8.211
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-03/25/91	18	8.06	6.534	8.22	5.5	1.603	1.266	6.13	6.55	8.085	8.211
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-03/25/91	18	0.009	0.292	3.162	0.006	0.55	0.742	0.006	0.008	0.288	0.884
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-03/25/91	12	49.	51.167	112.	19.	695.242	26.367	19.3	29.25	67.25	101.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/83-03/25/91	12	0.049	0.075	0.37	0.007	0.01	0.101	0.007	0.008	0.093	0.299
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/83-03/25/91	12	0.055	0.095	0.33	0.003	0.01	0.1	0.005	0.011	0.178	0.285
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-03/25/91	12	0.087	0.092	0.181	0.014	0.004	0.062	0.015	0.034	0.151	0.175
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-03/25/91	12	11100.	11079.167	16000.	2800.	18533390.152	4305.042	3850.	7987.5	15000.	15850.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-03/25/91	10	212.	417.9	1340.	35.	236648.544	486.465	38.5	115.	595.	1336.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-03/25/91	9	8.	24.333	132.	2.	1689.563	41.104	2.	5.25	22.	132.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-03/25/91	10	150.	986.	5000.	40.	2636804.444	1623.824	43.	77.5	1800.	4740.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-03/25/91	10	2.172	2.447	3.699	1.602	0.517	0.719	1.626	1.889	3.248	3.667
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			280.033								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	12	50.	755.167	5000.	1.	2196316.515	1481.997	1.	22.5	815.	4160.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-03/25/91	12	1.699	1.913	3.699	0.	1.381	1.175	0.	1.345	2.898	3.592
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			81.9								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-03/25/91	12	4.15	4.967	13.	2.	8.386	2.896	2.33	3.775	4.575	11.53

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

Station Inventory for Station: TIMU0197

NPS Station ID: TIMU0197 LAT/LON: 30.527505/ -81.502142 Agency: 11NPSWRD Date Created: 04/03/99
Location: PUMPKIN HILL CREEK EAST OF BROWARD ISLANDS FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_NR05
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR05 WAS AT PUMPKIN HILL CREEK; APPROXIMATELY ONE KILOMETER DUE EAST OF THE BROWARD ISLANDS AND ADJACENT TO THE POINT OF DISCHARGE OF THE EDWARDS FLATS TRIBUTARIES ON THE SOUTHWEST BANK OF THE CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	29	2.	5.542	39.	0.	70.047	8.369	0.3	0.3	8.5	19.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/89-03/05/91	2	22.45	22.45	28.2	16.7	66.125	8.132	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/89-03/05/91	2	33900.	33900.	47600.	20200.	375380000.	19374.726	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/89-03/05/91	2	5.6	5.6	7.6	3.6	8.	2.828	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	3	67.	69.667	76.2	65.8	32.373	5.69	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/26/89-03/05/91	2	7.435	7.435	7.47	7.4	0.002	0.049	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/26/89-03/05/91	2	7.434	7.434	7.47	7.4	0.002	0.05	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/89-03/05/91	2	0.037	0.037	0.04	0.034	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/26/89-03/05/91	2	21.55	21.55	31.2	11.9	186.245	13.647	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/26/89-03/05/91	2	51.	51.	59.	43.	128.	11.314	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	2	0.975	0.975	1.07	0.88	0.018	0.134	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/89-03/05/91	2	0.07	0.07	0.1	0.04	0.002	0.042	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/89-03/05/91	2	1.4	1.4	1.8	1.	0.32	0.566	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/26/89-03/05/91	2 ##	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/89-03/05/91	2	0.115	0.115	0.14	0.09	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/26/89-03/05/91	2	4750.	4750.	7300.	2200.	13005000.	3606.245	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/91-03/05/91	1	6800.	6800.	6800.	6800.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/26/89-03/05/91	2	65.	65.	80.	50.	450.	21.213	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/26/89-03/05/91	2	1.801	1.801	1.903	1.699	0.021	0.144	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.246								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/26/89-03/05/91	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/26/89-03/05/91	2	1.172	1.172	1.23	1.114	0.007	0.082	**	**	**	**

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

Parameter Inventory for Station: TIMU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.866								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/26/89-03/05/91	2	5.5	5.5	6.5	4.5	2.	1.414	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	1	0.50	1	1	1.00	1	0	0.00						
00406	PH, FIELD	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.	2	0	0.00	1	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	21	0.7	5.897	39.	0.	91.985	9.591	0.084	0.3	9.	19.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	8	5.5	4.613	11.	0.3	16.01	4.001	**	**	**	**

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

Station Inventory for Station: TIMU0198

NPS Station ID: TIMU0198
LAT/LON: 30.501392/ -81.502781
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: EDWARDS CREEK THIRD BEND
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0006
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 9.20
On/Off RF1:
RF3 Index: 03070205000200.36
RF3 Mile Point: 0.35
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	22	23.75	22.65	30.8	11.	38.331	6.191	13.9	16.2	27.625	30.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/06/91	2	24.8	24.8	26.1	23.5	3.38	1.838	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/14/89-03/06/91	4	25.	37.5	100.	0.	2141.667	46.278	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/19/89-03/06/91	2	25.5	25.5	35.	16.	180.5	13.435	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	14	34500.	32569.571	48000.	10900.	140034506.418	11833.618	12950.	25050.	41492.	47650.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	13300.	13300.	13300.	13300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	20	5.7	6.135	8.8	3.9	2.375	1.541	4.14	4.95	7.375	8.65
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	20	7.16	7.129	7.7	6.5	0.128	0.358	6.51	6.825	7.46	7.499
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	20	7.158	6.984	7.7	6.5	0.15	0.388	6.51	6.825	7.46	7.499
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	20	0.069	0.104	0.316	0.02	0.009	0.093	0.032	0.035	0.15	0.31
00480	SALINITY - PARTS PER THOUSAND	10/11/88-07/27/92	11	26.2	23.482	32.	14.	51.066	7.146	14.36	15.8	32.	32.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-07/27/92	9	68.	65.111	100.	36.	425.111	20.618	36.	44.5	78.5	100.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	17 ##	0.01	0.027	0.12	0.002	0.001	0.034	0.004	0.006	0.042	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-07/27/92	8	0.635	0.678	1.4	0.015	0.248	0.498	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	17 ##	0.02	0.023	0.1	0.002	0.001	0.025	0.003	0.005	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-07/27/92	13	0.097	0.093	0.16	0.04	0.001	0.039	0.04	0.054	0.116	0.156
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-07/27/92	13	5200.	4873.846	7400.	1500.	3240642.308	1800.178	2020.	3255.	6400.	7300.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-07/27/92	13	16000.	14968.538	22200.	4700.	25805347.769	5079.896	6260.	11050.	18747.5	21320.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-07/27/92	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	14	373.5	324.607	508.	0.5	27111.622	164.656	7.75	232.5	455.	504.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-07/27/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	890.	890.	890.	890.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-07/27/92	6	2.	30.75	160.	0.5	4052.575	63.66	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/06/91-03/06/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	12	14.75	35.458	136.	0.5	1895.839	43.541	0.65	4.	73.25	120.4
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-07/27/92	5	280.	657.	1600.	5.	490045.	700.032	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-07/27/92	7 ##	2.	9.714	59.	0.5	473.405	21.758	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	11	5.	63.636	430.	1.	18536.205	136.148	1.2	2.	26.	386.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-07/27/92	10 ##	4.5	29.15	120.	0.5	1965.503	44.334	0.5	0.5	65.	117.2
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	12	24.25	65.917	220.	0.5	6764.311	82.245	2.15	9.25	119.	220.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	17	23.	134.529	1600.	1.	144928.39	380.695	1.8	9.	80.	456.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	17	1.362	1.425	3.204	0.	0.567	0.753	0.241	0.952	1.903	2.425
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.616								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	17	13.	22.412	70.	1.	544.757	23.34	1.	3.	36.5	70.

** - Less than 9 observations ## - 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: TIMU0198

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)	05/15/85-07/27/92	17	1.114	1.043	1.845	0.	0.377	0.614	0.	0.452	1.53	1.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.043								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-07/27/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/15/85-07/27/92	3	2.	2.133	2.7	1.7	0.263	0.513	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	17	7.	8.041	16.	3.	16.646	4.08	3.24	4.75	10.5	16.

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

EPA Water Quality Criteria Analysis for Station: TIMU0198

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	1	0.05	14	1	0.07	6	0	0.00						
00400	PH	Marine Chronic	8.5	20	0	0.00	13	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	20	2	0.10	13	1	0.08	7	1	0.14						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	1	0.17	4	0	0.00	2	1	0.50						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	1	0.08	10	1	0.10	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	1	0.14	6	1	0.17	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	1	0.09	10	1	0.10	1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	11 &	10	0.91	9	8	0.89	2	2	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	1	0.06	12	1	0.08	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	0	0.00	12	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	15	27.5	26.193	30.8	19.4	13.181	3.631	19.76	23.5	28.6	30.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	10	40959.	36647.4	48000.	15000.	118097453.156	10867.265	15660.	28650.	43700.	47930.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	14	5.1	5.457	8.7	3.9	1.666	1.291	4.	4.725	6.125	8.05
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	13	7.2	7.179	7.7	6.5	0.098	0.314	6.62	7.	7.42	7.608
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	13	7.2	7.063	7.7	6.5	0.113	0.336	6.62	7.	7.42	7.608
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	13	0.063	0.086	0.316	0.02	0.006	0.078	0.026	0.038	0.1	0.253
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	12 ##	0.009	0.02	0.08	0.002	0.001	0.024	0.003	0.006	0.028	0.072
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	12 ##	0.013	0.016	0.05	0.002	0.	0.014	0.003	0.005	0.02	0.044
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	10	373.5	309.45	508.	0.5	29815.025	172.67	1.95	198.75	418.25	501.2
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	10 ##	14.75	39.95	136.	0.5	2150.636	46.375	0.85	4.	81.	130.8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	10	6.5	69.9	430.	2.	20116.267	141.832	2.	2.375	72.	408.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	9	35.	81.833	220.	0.5	8127.5	90.153	0.5	9.5	171.	220.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	12	23.	169.167	1600.	1.	205358.879	453.165	1.3	8.5	77.5	1171.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	12	1.362	1.398	3.204	0.	0.726	0.852	0.09	0.927	1.889	2.912
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.989								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	12	15.	22.917	70.	1.	685.174	26.176	1.	2.	43.25	70.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	12	1.151	0.967	1.845	0.	0.489	0.699	0.	0.301	1.615	1.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.258								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	12	7.5	8.4	16.	3.3	11.822	3.438	4.11	6.325	10.425	15.1

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-07/27/92	7	16.2	15.057	16.8	11.	4.756	2.181	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-07/27/92	4	26200.	22375.	26200.	10900.	58522500.	7650.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-07/27/92	6	7.35	7.717	8.8	7.3	0.406	0.637	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-07/27/92	7	6.9	7.037	7.5	6.5	0.194	0.44	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-07/27/92	7	6.9	6.868	7.5	6.5	0.227	0.477	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-07/27/92	7	0.126	0.136	0.316	0.032	0.013	0.114	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-07/27/92	5 ##	0.01	0.043	0.12	0.004	0.003	0.052	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-07/27/92	5	0.03	0.041	0.1	0.003	0.001	0.037	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-07/27/92	4	370.	362.5	500.	210.	25358.333	159.243	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-07/27/92	2	13.	13.	25.	1.	288.	16.971	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-07/27/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-07/27/92	3	19.5	18.167	29.	6.	133.583	11.558	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-07/27/92	5	23.	51.4	130.	7.	2739.3	52.338	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-07/27/92	5	1.362	1.491	2.114	0.845	0.265	0.515	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.964								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	5	13.	21.2	50.	7.	292.2	17.094	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-07/27/92	5	1.114	1.227	1.699	0.845	0.103	0.321	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.855								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-07/27/92	5	3.5	7.18	16.	3.	32.762	5.724	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0199

NPS Station ID: TIMU0199
Location: D-1058 J-1067
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103002
RF3 Index: 03080103009600.28
Description:

LAT/LON: 30.395003/ -81.503060
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 7.530
RF3 Mile Point: 0.28

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302342081301101
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.39

Date Created: 04/14/78
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: TIMU0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/02/76-11/02/76	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/02/76-11/02/76	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/76-11/02/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0200

NPS Station ID: TIMU0200
LAT/LON: 30.385461/ -81.503833
Agency: 11NPSWRD
Date Created: 10/10/98
Location: SHIPYARD CREEK EAST OF FOCA
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FOCA_RESD_TIM16/SYCIT
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 16 WAS AT SHIPYARD CREEK EAST OF FORT CAROLINE NATIONAL MEMORIAL (FOCA) PARK BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT FOCA'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/97-04/22/98	5	23.1	21.02	23.9	16.1	11.412	3.378	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/97-04/22/98	5	906.	1580.	3606.	661.	1621067.5	1273.211	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/97-04/22/98	5	6.4	5.98	6.6	5.	0.482	0.694	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/20/97-04/22/98	5	67.1	67.02	74.4	59.	54.942	7.412	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/20/97-04/22/98	5	6.95	6.768	7.02	6.21	0.122	0.349	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/20/97-04/22/98	5	6.95	6.639	7.02	6.21	0.143	0.378	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/97-04/22/98	5	0.112	0.23	0.617	0.095	0.05	0.223	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/20/97-04/22/98	5	0.5	0.8	1.9	0.3	0.46	0.678	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	1	0.20	4	0	0.00	1	1	1.00						

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

Station Inventory for Station: TIMU0201

NPS Station ID: TIMU0201
LAT/LON: 30.501531/ -81.503616
Agency: 11NPSWRD
Date Created: 04/03/99
Location: EDWARDS CREEK WEST OF TIGER POINT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_NR06
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR06 WAS AT EDWARDS CREEK APPROXIMATELY ONE KILOMETER WEST OF TIGER POINT INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	28	0.7	2.604	10.	0.3	8.663	2.943	0.3	0.3	4.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/91-03/05/91	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/91-03/05/91	1	26200.	26200.	26200.	26200.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/05/91-03/05/91	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	2	72.5	72.5	75.	70.	12.5	3.536	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/05/91-03/05/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/05/91-03/05/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/91-03/05/91	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/05/91-03/05/91	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/91-03/05/91	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-07/27/92	2	1.275	1.275	1.45	1.1	0.061	0.247	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/91-03/05/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/91-03/05/91	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/91-03/05/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/91-03/05/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/91-03/05/91	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/91-03/05/91	1	9100.	9100.	9100.	9100.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/05/91-03/05/91	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/05/91-03/05/91	1	1.903	1.903	1.903	1.903	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			80.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/05/91-03/05/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/05/91-03/05/91	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/91-03/05/91	1	3.5	3.5	3.5	3.5	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: TIMU0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
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						
82079	TURBIDITY, LAB	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	19	0.7	2.195	10.	0.3	7.212	2.685	0.3	0.3	3.	6.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-07/27/92	9	3.	3.467	8.	0.3	11.775	3.431	0.3	0.3	7.5	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: TIMU0202

NPS Station ID: TIMU0202
LAT/LON: 30.565837/ -81.504170
Agency: 112WRD
Date Created: 06/22/85
Location: NASSAU RIVER AT NASSAUVILLE, FLA
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 303357081301500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03070205000405.67
RF3 Mile Point: 9.50
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/84-12/04/84	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/84-12/04/84	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/84-12/04/84	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	12/04/84-12/04/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/84-12/04/84	1	420.	420.	420.	420.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/84-12/04/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/84-12/04/84	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/84-12/04/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/84-12/04/84	1	440.	440.	440.	440.	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/84-12/04/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

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

Station Inventory for Station: TIMU0203

NPS Station ID: TIMU0203
LAT/LON: 30.435281/ -81.504726
Agency: 112WRD
Date Created: 01/21/84
Location: CLAPBOARD CREEK CEIP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302607081301701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 12.360
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103348300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/08/84	4	15.5	17.125	25.	12.5	29.729	5.452	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	6	8.45	11.533	34.	3.	129.959	11.4	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	6	60.	59.333	83.	23.	429.067	20.714	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/83-03/08/84	4	17950.	20400.	33500.	12200.	84353333.333	9184.407	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/05/83-03/08/84	3	8.1	7.967	9.8	6.	3.623	1.904	**	**	**	**
00400	PH (STANDARD UNITS)	10/05/83-03/08/84	4	7.75	7.75	7.9	7.6	0.017	0.129	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-03/08/84	4	7.747	7.736	7.9	7.6	0.017	0.13	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-03/08/84	4	0.018	0.018	0.025	0.013	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/83-03/08/84	6	7.65	7.617	7.8	7.3	0.046	0.214	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/83-03/08/84	6	7.625	7.572	7.8	7.3	0.048	0.219	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/83-03/08/84	6	0.024	0.027	0.05	0.016	0.	0.014	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	6	0.045	0.048	0.12	0.005	0.002	0.04	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	6	0.075	0.08	0.11	0.05	0.	0.022	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	6	0.01	0.013	0.03	0.005	0.	0.01	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	6	0.5	0.642	1.4	0.05	0.234	0.484	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	5	0.4	0.6	1.2	0.2	0.185	0.43	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	6	0.85	1.142	2.3	0.05	0.832	0.912	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	6	0.11	0.115	0.13	0.11	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	6	0.05	0.05	0.07	0.03	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	6	10.	10.05	11.	8.3	0.975	0.987	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	6	185.	180.	220.	130.	1000.	31.623	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	6	560.	566.667	800.	350.	28826.667	169.784	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	6	4800.	4933.333	7100.	3000.	2062666.667	1436.199	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	6	170.	168.333	230.	100.	2376.667	48.751	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	6	175.	173.333	220.	130.	1546.667	39.328	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	6	9100.	8850.	12000.	5200.	6847000.	2616.677	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	6	1300.	1278.333	1800.	730.	162336.667	402.91	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	6	0.55	0.458	0.6	0.05	0.046	0.215	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	6	2.75	2.683	4.1	1.2	1.478	1.216	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	5	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	6	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	6	2100.	1821.667	2700.	130.	845216.667	919.357	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	6	5.	235.	1200.	0.	229750.	479.322	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	6	2250.	2056.667	3300.	140.	1176066.667	1084.466	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**

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

Parameter Inventory for Station: TIMU0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-02/02/84	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	6	15.	18.333	30.	10.	96.667	9.832	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/20/83-03/08/84	6	0.	5.	20.	0.	70.	8.367	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	6	20.	23.333	50.	10.	226.667	15.055	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	6	3.5	4.667	9.	2.	9.467	3.077	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	6	1.	4.667	23.	0.	82.267	9.07	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	6	3.5	8.167	31.	3.	125.767	11.215	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	6	435.	396.667	620.	140.	36186.667	190.228	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	6	595.	546.667	690.	320.	23426.667	153.058	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	6	135.	150.	260.	60.	4640.	68.118	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	6	1.5	2.	4.	1.	1.6	1.265	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	6	1.5	2.5	7.	0.	8.3	2.881	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	6	3.	4.167	8.	2.	5.367	2.317	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	6	15.	15.	30.	0.	190.	13.784	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	6	35.	43.333	70.	30.	306.667	17.512	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	6	30.	28.333	50.	10.	176.667	13.292	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	6	1.	1.083	2.	0.5	0.242	0.492	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	5	1.	0.6	1.	0.	0.3	0.548	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	6	2.	2.	3.	1.	0.8	0.894	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	6	30.	25.	40.	10.	150.	12.247	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	6	10.	18.333	60.	0.	536.667	23.166	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	6	40.	41.667	70.	30.	216.667	14.72	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	6	395.	373.333	590.	120.	28066.667	167.531	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	6	25.	130.	470.	5.	36750.	191.703	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-02/02/84	4	205.	190.	340.	10.	18600.	136.382	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	6	14100.	14426.667	24300.	3360.	54899466.667	7409.417	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	6	0.34	0.355	0.4	0.34	0.001	0.025	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	5	0.4	0.35	0.5	0.05	0.035	0.187	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/20/83-03/08/84	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	5	0.4	0.33	0.5	0.05	0.03	0.172	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						

& - 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: TIMU0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	3	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	3	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	6	1.00	3	3	1.00	3	3	1.00						
		Drinking Water	250.	6	6	1.00	3	3	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	6	1.00	3	3	1.00	3	3	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	3	0	0.00	3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	6	1	0.17	3	1	0.33	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	6	1	0.17	3	1	0.33	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: TIMU0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	3	0	0.00									
		Drinking Water	3.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.4	3	0	0.00	3	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0204

NPS Station ID: TIMU0204
LAT/LON: 30.435281/ -81.504726
Agency: 112WRD
Date Created: 03/31/84
Location: CLAPBOARD CREEK BOTTOM
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302607081301702
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 12.360
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103348300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-12/16/83	2	20.	20.	25.	15.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/83-12/16/83	2	25200.	25200.	33500.	16900.	137780000.	11737.973	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/05/83-10/05/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/05/83-12/16/83	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-12/16/83	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-12/16/83	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	5 ##	500.	400.1	500.	0.5	49900.05	223.383	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	5	5.9	7.78	17.	1.1	48.747	6.982	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	5	2200.	3256.	9900.	120.	16273080.	4033.991	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	5	80.	117.2	300.	46.	11109.2	105.4	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	5	2.1	8.19	26.	0.05	122.418	11.064	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	5	1.	1.	2.	0.5	0.375	0.612	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	5 ##	0.5	1.1	2.	0.5	0.675	0.822	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	5	4.	6.8	20.	2.	55.7	7.463	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	5 ##	0.5	2.5	9.	0.5	13.625	3.691	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	5 ##	5.	19.	50.	5.	417.5	20.433	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	5	17.	32.8	75.	3.	984.2	31.372	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	5	10.	17.	53.	2.	429.5	20.724	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	5	2900.	3828.	12000.	480.	22481520.	4741.468	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-10/05/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-10/05/83	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-10/05/83	2 ##	22.75	22.75	45.	0.5	990.125	31.466	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-10/05/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	5 ##	0.005	0.071	0.3	0.005	0.017	0.129	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-10/05/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0205

NPS Station ID: TIMU0205 LAT/LON: 30.433642/ -81.505142 Agency: 11NPSWRD Date Created: 10/10/98
Location: CLAPBOARD CK NEAR CONFLUENCE WITH FITZPATRICK CK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM13
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 13 WAS AT CLAPBOARD CREEK NEAR CONFLUENCE WITH FITZPATRICK CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	31	3.	3.735	9.	0.8	6.902	2.627	1.	2.	5.	9.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	16	20.7	22.025	28.9	16.6	24.679	4.968	16.67	17.3	28.5	28.83
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	6	20.	20.517	26.	14.6	18.462	4.297	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	6	50.	53.333	100.	0.	1546.667	39.328	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	6	7.4	7.883	14.	4.	14.102	3.755	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	6	1.02	1.048	1.57	0.48	0.185	0.43	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	16	35593.5	30848.688	43855.	9300.	149638155.296	12232.668	9353.9	24663.5	39553.5	43810.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	16	6.7	6.813	8.7	5.1	1.904	1.38	5.1	5.525	8.3	8.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	16	85.35	86.338	105.2	75.7	91.537	9.568	75.98	78.075	91.975	104.99
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	6	1.	0.833	1.	0.5	0.067	0.258	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	16	7.755	7.708	7.9	7.36	0.04	0.2	7.381	7.573	7.887	7.9
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	16	7.747	7.662	7.9	7.36	0.042	0.205	7.381	7.573	7.887	7.9
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	16	0.018	0.022	0.044	0.013	0.	0.011	0.013	0.013	0.027	0.042
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	16	22.45	19.388	28.3	5.2	66.784	8.172	5.27	14.975	25.25	28.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	8	8.	10.125	18.	5.	28.696	5.357	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	8	0.024	0.031	0.082	0.005	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	8	0.377	0.404	0.681	0.05	0.047	0.216	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	8 ##	0.005	0.009	0.04	0.005	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	8	0.061	0.063	0.085	0.047	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	8	4077.5	3949.	5650.	822.	2529193.714	1590.344	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	7	514000.	504428.571	684000.	147000.	34000952380.952	184393.472	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	8	11512.	10849.5	15396.	2278.	17634304.	4199.322	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	7 ##	0.5	0.714	2.	0.5	0.321	0.567	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	7	196.	247.429	426.	135.	14733.619	121.382	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	6 ##	1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	7 ##	2.5	3.786	8.	2.5	5.155	2.27	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	7	338.	394.571	677.	200.	27869.619	166.942	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	7 ##	1.5	1.786	2.5	1.5	0.238	0.488	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	7 ##	10.	14.	25.	10.	47.	6.856	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	7 ##	2.5	2.857	5.	2.5	0.893	0.945	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	8	0.034	0.033	0.046	0.022	0.	0.007	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	4.	4.771	9.	2.	7.049	2.655	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	11	0	0.00	5	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	16	0	0.00	11	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	16	0	0.00	11	0	0.00	5	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	7	0	0.00	5	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	5	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	7	0	0.00	5	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	5	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	5	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	1	0.14	5	0	0.00	2	1	0.50						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	5	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0206

NPS Station ID: TIMU0206
Location: D-1124 J-1152
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103002
RF3 Index: 03080103009600.26
Description:

LAT/LON: 30.398892/ -81.505838
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 8.080
RF3 Mile Point: 0.26

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302356081302101
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.07

Date Created: 04/14/78
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: TIMU0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-05/02/77	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/76-05/02/77	2	485.	485.	495.	475.	200.	14.142	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/76-05/02/77	2	249.	249.	250.	248.	2.	1.414	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/76-05/02/77	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/02/77-05/02/77	1	-29.95	-29.95	-29.95	-29.95	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/02/77-05/02/77	1	34.95	34.95	34.95	34.95	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0206

Parameter				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: TIMU0207

NPS Station ID: TIMU0207 | LAT/LON: 30.391948/ -81.506365 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST. JOHNS RIVER AT DAMES POINT-FULTON CUTOFF | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_SJ_7
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 7 WAS AT THE ST. JOHNS RIVER AT THE CONFLUENCE OF THE ST. JOHNS RIVER AND THE DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). COMPOSITE SAMPLES WERE TAKEN AT THIS STATION. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 7 WAS DETERMINED FROM FIGURE 2.5-13 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	1	35000.	35000.	35000.	35000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/73-08/16/73	1	7.62	7.62	7.62	7.62	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/73-08/16/73	1	7.62	7.62	7.62	7.62	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/73-08/16/73	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/16/73-08/16/73	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/16/73-08/16/73	1	0.136	0.136	0.136	0.136	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	1	0.091	0.091	0.091	0.091	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-08/16/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	1	310.	310.	310.	310.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/16/73-08/16/73	1	13.5	13.5	13.5	13.5	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: TIMU0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	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: TIMU0208

NPS Station ID: TIMU0208
LAT/LON: 30.395365/ -81.507642
Agency: 21FLA
Date Created: 08/26/95
Location: SJR BIC 0.5 MI SOUTH CLAPBOARD CR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030548
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST. JOHNS RIVER BLOUNT ISLAND CHANNEL 100 YARDS SOUTH OF CLAPBOARD CREEK
THIS STATION IS A REFERENCE SITE FOR THE JPA FIFTH YEAR STUDY

Parameter Inventory for Station: TIMU0208

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/98-03/25/98	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

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

Station Inventory for Station: TIMU0209

NPS Station ID: TIMU0209
LAT/LON: 30.405560/ -81.508337
Agency: 112WRD
Date Created: 01/21/84
Location: CLAPBOARD CR DUPLIC
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302420081303002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 12.360
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103349200.23
RF3 Mile Point: 0.77
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0209

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0210

NPS Station ID: TIMU0210
LAT/LON: 30.508337/ -81.508337
Agency: 112WRD
Date Created: / /
Location: UV DATA BELONGS TO STN 02247499
FIPS State/County: 12095 FLORIDA/ORANGE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 0224748701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080201
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 03070205000600.00
RF3 Mile Point: 0.81
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/83-03/06/84	2	29.3	29.3	32.6	26.	21.78	4.667	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/83-03/06/84	2	150.1	150.1	300.	0.2	44940.02	211.991	**	**	**	**
00065	STAGE, STREAM (FEET)	08/18/83-03/06/84	2	14.755	14.755	16.26	13.25	4.53	2.128	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/18/83-05/23/84	6	50.	70.	190.	30.	3560.	59.666	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/83-03/06/84	2	218.5	218.5	250.	187.	1984.5	44.548	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/83-05/23/84	6	6.7	6.717	7.4	5.9	0.25	0.5	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/83-05/23/84	6	6.689	6.464	7.4	5.9	0.326	0.571	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/83-05/23/84	6	0.205	0.343	1.259	0.04	0.208	0.456	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/83-05/23/84	4	0.02	0.019	0.03	0.005	0.	0.01	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/18/83-05/23/84	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/83-05/23/84	4	0.72	0.623	1.	0.05	0.215	0.464	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/83-05/23/84	4 ##	0.05	0.053	0.1	0.01	0.001	0.037	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/83-05/23/84	4	0.02	0.026	0.06	0.005	0.001	0.025	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/83-05/23/84	6	15.4	18.6	38.	8.1	149.396	12.223	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/83-05/23/84	6	2.8	3.467	7.1	0.8	7.755	2.785	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/83-05/23/84	6	9.2	9.367	17.	2.2	43.031	6.56	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/83-05/23/84	6	0.35	0.35	0.5	0.1	0.023	0.152	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/83-05/23/84	6	14.5	13.667	26.	3.	85.067	9.223	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/83-05/23/84	6	13.5	18.833	40.	5.	236.567	15.381	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/83-05/23/84	6 ##	0.05	0.075	0.2	0.05	0.004	0.061	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/83-05/23/84	6	4.5	3.983	6.6	1.	5.966	2.442	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/06/84-05/23/84	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/06/84-05/23/84	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/06/84-05/23/84	3 ##	0.5	1.667	4.	0.5	4.083	2.021	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	03/06/84-04/04/84	2	555.	555.	770.	340.	92450.	304.056	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/06/84-05/23/84	3	850.	900.	1100.	750.	32500.	180.278	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/06/84-05/23/84	3	110.	201.667	410.	85.	32708.333	180.854	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/06/84-05/23/84	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	04/04/84-04/04/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/06/84-05/23/84	3	2.	2.167	4.	0.5	3.083	1.756	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	03/06/84-04/04/84	2	4.	4.	8.	0.	32.	5.657	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/06/84-05/23/84	3	10.	13.333	20.	10.	33.333	5.774	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/06/84-05/23/84	3	2.	4.167	10.	0.5	26.083	5.107	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/06/84-05/23/84	3	2.	2.	3.	1.	1.	1.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/83-05/23/84	6	79.	87.667	180.	34.	3768.667	61.389	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/06/84-05/23/84	3	15.	18.667	37.	4.	282.333	16.803	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/06/84-05/23/84	3	640.	3010.	8200.	190.	20252700.	4500.3	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/83-05/23/84	6	118.	118.	200.	47.	3892.	62.386	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/83-05/23/84	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/04/84-04/04/84	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/06/84-05/23/84	3 ##	0.05	0.2	0.5	0.05	0.068	0.26	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0210

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	2	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	6	1	0.17	2	0	0.00	4	1	0.25						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00	4	0	0.00						
		Drinking Water	250.	6	0	0.00	2	0	0.00	4	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	2	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	2	0	0.00	4	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	5.	3	0	0.00	1	0	0.00	2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	1300.	3	0	0.00	1	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	5000.	3	0	0.00	1	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0211

NPS Station ID: TIMU0211
LAT/LON: 30.405560/ -81.508337
Agency: 112WRD
Date Created: 01/21/84
Location: CLAPBOARD CR SITE 4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302420081303001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 12.360
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103001000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/26/83-04/19/84	9	0.1	0.135	0.3	0.005	0.015	0.12	0.005	0.005	0.25	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 time series plot

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

Station Inventory for Station: TIMU0212

NPS Station ID: TIMU0212 LAT/LON: 30.404838/ -81.508810 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS R AT BLOUNT IS CHANNEL & CLAPBOARD CK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_BI5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI5 WAS AT THE ST. JOHNS RIVER AT THE MOUTH OF CLAPBOARD CREEK AT THE BLOUNT ISLAND CHANNEL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI5 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/73-01/15/73	1	20400.	20400.	20400.	20400.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/15/73-01/15/73	1	70.8	70.8	70.8	70.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/73-01/15/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/73-01/15/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/73-01/15/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/15/73-01/15/73	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/73-01/15/73	1	14679.	14679.	14679.	14679.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/15/73-01/15/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/73-01/15/73	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/73-01/15/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/15/73-01/15/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	1	2262.	2262.	2262.	2262.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/15/73-01/15/73	1	174.4	174.4	174.4	174.4	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/15/73-01/15/73	1	443.6	443.6	443.6	443.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/15/73-01/15/73	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/15/73-01/15/73	1	194.	194.	194.	194.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/73-01/15/73	1	7160.	7160.	7160.	7160.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/15/73-01/15/73	1	1266.	1266.	1266.	1266.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/15/73-01/15/73	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/73-01/15/73	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/15/73-01/15/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/15/73-01/15/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/15/73-01/15/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	01/15/73-01/15/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/15/73-01/15/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/15/73-01/15/73	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/73-01/15/73	1	4671.	4671.	4671.	4671.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/73-01/15/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Marine Acute	2.1	0 &	0	0.00												

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

Station Inventory for Station: TIMU0213

NPS Station ID: TIMU0213
LAT/LON: 30.405900/ -81.508914
Agency: 11NPSWRD
Date Created: 09/16/99
Location: CLAPBOARD CREEK NEAR RT 105 BRIDGE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_BRD_CLBR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION IS LOCATED INSIDE THE TIMUCUAN NATIONAL ECOLOGICAL AND HISTORIC PRESERVE BOUNDARY. THE SITE IS JUST UPSTREAM OF THE STATE ROUTE 105 BRIDGE ALONG THE RIGHT BANK OF CLAPBOARD CREEK. DATA ARE FROM A DATASONDE 3 HYDROLAB. DATA WERE COLLECTED BY THE USGS-BRD IN ORDER TO COMPARE WATER QUALITY PARAMETERS IN OPEN AND CLOSED TIDAL CREEKS. INVESTIGATORS COLLECTING DATA WARNED THAT BIOFILM DEVELOPMENT ON THE HYDROLAB MAY HAVE FOULED RESULTS. ONLY RUDIMENTARY EDITS WERE MADE BY NPS PRIOR TO UPLOADING THE DATA TO STORET. FOR PARK INFORMATION CONTACT THE RESOURCE MANAGER AT TIMUCUAN NATIONAL ECOLOGICAL AND HISTORIC PRESERVE; 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225-1227 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY MIKE MATZ; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/07/97-06/30/98	23519	19.7	20.389	32.6	12.4	21.815	4.671	15.	16.7	23.	28.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/07/97-06/30/98	23519	32800.	31086.846	49400.	661.	99544401.503	9977.194	17100.	24800.	38900.	42900.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/07/97-05/10/98	20110	6.3	6.218	9.4	1.3	1.795	1.34	4.3	5.5	7.2	7.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/97-05/10/98	20110	75.5	74.785	105.1	18.7	184.092	13.568	57.3	66.	85.6	91.9
00406	PH, FIELD, STANDARD UNITS SU	02/07/97-06/30/98	23519	7.79	7.831	8.52	7.15	0.048	0.218	7.58	7.68	7.99	8.12
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/07/97-06/30/98	23519	7.79	7.778	8.52	7.15	0.05	0.225	7.58	7.68	7.99	8.12
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/07/97-06/30/98	23519	0.016	0.017	0.071	0.003	0.	0.008	0.008	0.01	0.021	0.026
00480	SALINITY - PARTS PER THOUSAND	02/07/97-06/30/98	23519	20.5	19.482	32.3	0.3	45.042	6.711	10.	15.1	24.8	27.6
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	02/07/97-06/30/98	23463	10.8	13.606	927.	0.	696.73	26.396	0.	2.1	16.7	26.9

** - 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: TIMU0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20110	1427	0.07	6596	1426	0.22	13514	1	0.00						
00406	PH, FIELD	Marine Chronic	8.5	23519	14	0.00	10005	0	0.00	13514	14	0.00						
		Other-Lo Lim.	6.5	23519	0	0.00	10005	0	0.00	13514	0	0.00						
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	23463	635	0.03	9982	182	0.02	13481	453	0.03						

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

Station Inventory for Station: TIMU0214

NPS Station ID: TIMU0214 | LAT/LON: 30.391948/ -81.509365 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: DAMES POINT-FULTON CUTOFF AT ST. JOHNS RIVER | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_SJ_BI3
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI3 WAS AT THE DAMES POINT-FULTON CUTOFF AT THE CONFLUENCE OF THE ST. JOHNS RIVER AND DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI3 WAS DETERMINED FROM FIGURE 2.5-13 OF THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-06/07/72	1	18200.	18200.	18200.	18200.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/07/72-06/07/72	1	67.4	67.4	67.4	67.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/72-06/07/72	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/72-06/07/72	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/72-06/07/72	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/07/72-06/07/72	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/07/72-06/07/72	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/72-06/07/72	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/72-06/07/72	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/72-06/07/72	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	1	2110.	2110.	2110.	2110.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/72-06/07/72	1	155.1	155.1	155.1	155.1	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/72-06/07/72	1	418.2	418.2	418.2	418.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/07/72-06/07/72	1	2750.	2750.	2750.	2750.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/07/72-06/07/72	1	171.	171.	171.	171.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/72-06/07/72	1	6130.	6130.	6130.	6130.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/72-06/07/72	1	998.	998.	998.	998.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/07/72-06/07/72	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/72-06/07/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/07/72-06/07/72	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/07/72-06/07/72	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/07/72-06/07/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/07/72-06/07/72	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	06/07/72-06/07/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/07/72-06/07/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/72-06/07/72	1	12332.	12332.	12332.	12332.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/07/72-06/07/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	0 &	0	0.00												

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

Station Inventory for Station: TIMU0215

NPS Station ID: TIMU0215 | LAT/LON: 30.391948/ -81.510615 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: DAMES PT-FULTON CUTOFF AT CONFLUENCE WITH BACK R | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_RR1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT; FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION RR1 WAS AT THE DAMES POINT-FULTON CUTOFF AT THE CONFLUENCE WITH THE BLOUNT ISLAND BACK RIVER OFFSHORE FROM FULTON POINT OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM MISCELLANEOUS LABORATORY SHEETS. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/15/85-08/21/90	11	8.	8.091	23.	0.	59.091	7.687	0.	0.	14.	21.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/84-11/04/86	12	21.2	21.058	28.	12.8	27.577	5.251	12.92	16.775	25.175	27.94
00064	DEPTH OF STREAM, MEAN (FT)	06/26/84-08/21/90	4	41.5	40.425	44.6	34.1	21.416	4.628	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/05/84-11/04/86	11	27900.	26154.545	37800.	9900.	105958727.273	10293.626	9920.	19500.	37000.	37680.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/23/84-11/04/86	12	7.95	7.817	9.8	4.4	2.051	1.432	4.94	7.725	8.25	9.8
00406	PH, FIELD, STANDARD UNITS SU	10/23/84-11/04/86	7	6.9	7.207	8.3	6.75	0.325	0.57	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/23/84-11/04/86	7	6.9	7.002	8.3	6.75	0.375	0.612	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/84-11/04/86	7	0.126	0.1	0.178	0.005	0.005	0.072	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/84-11/04/86	7	58.	50.714	79.	14.	439.238	20.958	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/84-11/04/86	7 ##	0.007	0.016	0.058	0.006	0.	0.02	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/84-11/04/86	7	0.06	0.074	0.14	0.01	0.002	0.047	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/84-11/04/86	7	0.082	0.079	0.112	0.021	0.001	0.03	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/84-11/04/86	7	15400.	14800.	19200.	8200.	12430000.	3525.621	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	03/31/87-03/26/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	06/26/84-01/24/89	9	134.	129.133	320.	0.2	8649.66	93.004	0.2	63.	171.	320.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	03/31/87-03/26/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	03/26/90-03/26/90	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/23/84-03/26/90	8	30.	27.	40.	11.	123.143	11.097	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/23/84-11/04/86	7 ##	1.	1.429	3.	0.5	0.869	0.932	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/23/84-11/04/86	7 ##	5.	13.857	42.	2.	265.476	16.293	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/85-01/12/88	5	10.	24.5	92.	0.5	1481.25	38.487	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/14/84-11/04/86	8	20.5	29.75	84.	7.	578.786	24.058	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/04/86-11/04/86	1	180.	180.	180.	180.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/04/86-11/04/86	1	2.255	2.255	2.255	2.255	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			180.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/23/84-11/04/86	7 ##	1.	38.143	200.	1.	5301.476	72.811	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/23/84-11/04/86	7 ##	0.	0.757	2.301	0.	0.962	0.981	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.71								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/26/90-03/26/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/23/84-11/04/86	7	5.	6.857	24.	2.	61.476	7.841	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	7	0	0.00	5	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	0	0.00	4	0	0.00	3	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	2	0	0.00				2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	2	0	0.00				2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	1	0	0.00				1	0	0.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	4	0	0.00	4	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	4	0	0.00	3	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	4	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	8	1.00	5	5	1.00	3	3	1.00						
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.	7	1	0.14	4	1	0.25	3	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	1	0	0.00				1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	4	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0216

NPS Station ID: TIMU0216
LAT/LON: 30.396948/ -81.510559
Agency: 21FLA
Date Created: 10/04/97
Location: ST JOHNS R EAST END OF BIC
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030565
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST JOHNS RIVER BLOUNT ISLAND CHANNEL SOUTH BANK EAST OF BLOUNT ISLAND APPROXIMATELY 1000 YARDS FROM THE CONFLUENCE OF FULTONS CUT AND BACK RIVER

Parameter Inventory for Station: TIMU0216

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: TIMU0217

NPS Station ID: TIMU0217 LAT/LON: 30.403865/ -81.511060 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI8 WAS AT THE ST. JOHNS RIVER AT THE CONFLUENCE OF THE BLOUNT ISLAND CHANNEL AND CLAPBOARD CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI8 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/73-08/16/73	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	1	26000.	26000.	26000.	26000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/73-08/16/73	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/73-08/16/73	1	7.65	7.65	7.65	7.65	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/73-08/16/73	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.058	0.058	0.058	0.058	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.093	0.093	0.093	0.093	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	1	0.091	0.091	0.091	0.091	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-08/16/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	08/16/73-08/16/73	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0218

NPS Station ID: TIMU0218
LAT/LON: 30.393892/ -81.511670
Agency: 21FLA
Date Created: / /
Location: BACK RIV MIDSTREAM MOUTH
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030360
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 8.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103053900.00
RF3 Mile Point: 5.90
Distance from RF3: 0.04
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, BLACK BACK RIVER MIDSTREAM AT MOUTH DUVAL COUNTY

Parameter Inventory for Station: TIMU0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-05/05/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-05/05/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/05/72-05/05/72	1	15800.	15800.	15800.	15800.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/05/72-05/05/72	1	3248.	3248.	3248.	3248.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/05/72-05/05/72	1	12550.	12550.	12550.	12550.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/05/72-05/05/72	1	15700.	15700.	15700.	15700.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-05/05/72	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/05/72-05/05/72	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/05/72-05/05/72	1	65.	65.	65.	65.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0218

				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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: TIMU0219

NPS Station ID: TIMU0219
Location: D-1127 J-1179
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103347600.19
Description:

LAT/LON: 30.457503/ -81.514448
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 1.79

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302727081305201
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 15.20
Distance from RF3: 0.35

Date Created: 04/14/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/77-05/02/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/28/76-05/02/77	2	510.	510.	515.	505.	50.	7.071	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/28/76-05/02/77	2	254.	254.	258.	250.	32.	5.657	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/28/76-05/02/77	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/02/77-05/02/77	1	-22.1	-22.1	-22.1	-22.1	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/02/77-05/02/77	1	32.1	32.1	32.1	32.1	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: TIMU0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0220

NPS Station ID: TIMU0220
LAT/LON: 30.410837/ -81.517782
Agency: 112WRD
Date Created: 04/14/78
Location: D-1087 J-1177
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302439081310401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 3.20
On/Off RF1:
RF3 Index: 03080103245800.00
RF3 Mile Point: 0.64
Distance from RF3: 0.48
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/18/76-11/18/76	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/76-11/18/76	1	254.	254.	254.	254.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/76-11/18/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0220

			Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0221

NPS Station ID: TIMU0221
LAT/LON: 30.354809/ -81.520476
Agency: 21FLA
Date Created: 08/19/95
Location: UNNAMED TRIB TO COWHEAD CR @ CREEK VIEW RD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030321
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS STATION WAS USED AS A TEST SITE FOR THE 1992 BIOASSESSMENT OF HOLLY OAKS WWTP

Parameter Inventory for Station: TIMU0221

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0222

NPS Station ID: TIMU0222 | LAT/LON: 30.398337/ -81.521671 | Agency: 21FLA | Date Created: / /
Location: BACK RIV MID NEAR MOUTH ST JOHNS | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030359
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 8.080 | Distance from RF1: 32.30 | On/Off RF1: OFF
RF3 Index: 03080103259200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, BLACK BACK RIVER MIDSTREAM APPROX 200 YDS FROM MOUTH TO ST JOHNS RIVER
DUVAL COUNTY

Parameter Inventory for Station: TIMU0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/05/72-05/05/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/05/72-05/05/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/05/72-05/05/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/05/72-05/05/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/05/72-05/05/72	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/05/72-05/05/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/05/72-05/05/72	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/05/72-05/05/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/05/72-05/05/72	1	28.	28.	28.	28.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0222

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			--------------n/a--------------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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: TIMU0223

NPS Station ID: TIMU0223
LAT/LON: 30.423698/ -81.522087
Agency: 11NPSWRD
Date Created: 08/29/98
Location: RIGHT FORK OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BR_6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6 WAS AT BROWNS CREEK ON THE RIGHT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 6 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.77	7.77	7.77	7.77	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.77	7.77	7.77	7.77	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/73-07/24/73	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.145	0.145	0.145	0.145	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0224

NPS Station ID: TIMU0224 | LAT/LON: 30.423698/ -81.522087 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: RIGHT FORK OF BROWNS CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BB_6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6 WAS AT BROWNS CREEK ON THE RIGHT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE HYPOLIMNION AND EPILIMNION WATER LAYERS. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 6 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	4	31.25	31.25	32.	30.5	0.75	0.866	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	4	4.1	4.1	4.9	3.3	0.853	0.924	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	2	0.87	0.87	0.89	0.85	0.001	0.028	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	4	6.4	6.425	6.8	6.1	0.143	0.377	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/73-07/23/73	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	4	15.2	15.2	19.9	10.5	29.453	5.427	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0225

NPS Station ID: TIMU0225
LAT/LON: 30.558337/ -81.522227
Agency: 21FLA
Date Created: 04/05/80
Location: NASSAU RIVER AT NASSAUVILLE
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020046
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 13
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205002
RF1 Mile Point: 2.990
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205051400.00
RF3 Mile Point: 10.50
Distance from RF3: 0.30
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, NASSAU NASSAUVILLE AT CONFLUENCE OF NASSAU AND BACK RIVERS

Parameter Inventory for Station: TIMU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/78-05/18/83	5	5.	4.6	7.	2.	4.3	2.074	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/78-05/18/83	4	24.75	25.4	30.	22.1	11.007	3.318	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	07/12/78-07/12/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/78-05/18/83	4	15.25	15.875	30.	3.	199.063	14.109	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/12/78-05/18/83	4	0.615	0.683	1.05	0.45	0.067	0.26	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/12/78-05/18/83	4	35.	67.5	180.	20.	5825.	76.322	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/79-05/15/79	1	27100.	27100.	27100.	27100.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/78-05/18/83	4	31500.	31375.	37000.	25500.	23562500.	4854.122	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/78-05/18/83	4	7.2	6.85	8.	5.	1.67	1.292	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/78-05/18/83	4	2.	2.425	4.1	1.6	1.389	1.179	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/78-07/12/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/78-07/12/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/78-07/12/78	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/79-05/18/83	3	7.9	7.833	7.9	7.7	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/79-05/18/83	3	7.9	7.823	7.9	7.7	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/79-05/18/83	3	0.013	0.015	0.02	0.013	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/18/81-05/18/81	1	34.5	34.5	34.5	34.5	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	122.5	119.75	168.	66.	1925.583	43.881	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	16.	19.5	33.	13.	83.	9.11	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	106.5	100.25	135.	53.	1354.25	36.8	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/78-05/18/83	3 ##	0.01	0.022	0.05	0.005	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/18/83-05/18/83	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/78-05/15/79	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/78-05/18/83	3	0.17	0.622	1.69	0.005	0.863	0.929	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-05/18/83	2	0.009	0.009	0.01	0.007	0.	0.002	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/78-05/18/83	4	0.1	0.103	0.133	0.08	0.001	0.023	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/78-07/12/78	1	18820.	18820.	18820.	18820.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/12/78-05/18/83	4	22.	209.75	790.	5.	149704.917	386.917	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/12/78-05/18/83	4	1.342	1.57	2.898	0.699	0.875	0.936	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.165								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/78-05/18/83	4	5.	9.75	27.	2.	140.25	11.843	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/78-05/18/83	4	0.602	0.734	1.431	0.301	0.297	0.545	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.422								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/78-07/12/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/12/78-05/18/83	4	12.8	11.15	15.	4.	23.797	4.878	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/15/79-05/15/79	1	2.012	2.012	2.012	2.012	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/15/79-05/15/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00	4	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0226

NPS Station ID: TIMU0226
LAT/LON: 30.355004/ -81.523060
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: COWHEAD CREEK AT FORT CAROLINE ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ARL18
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0226

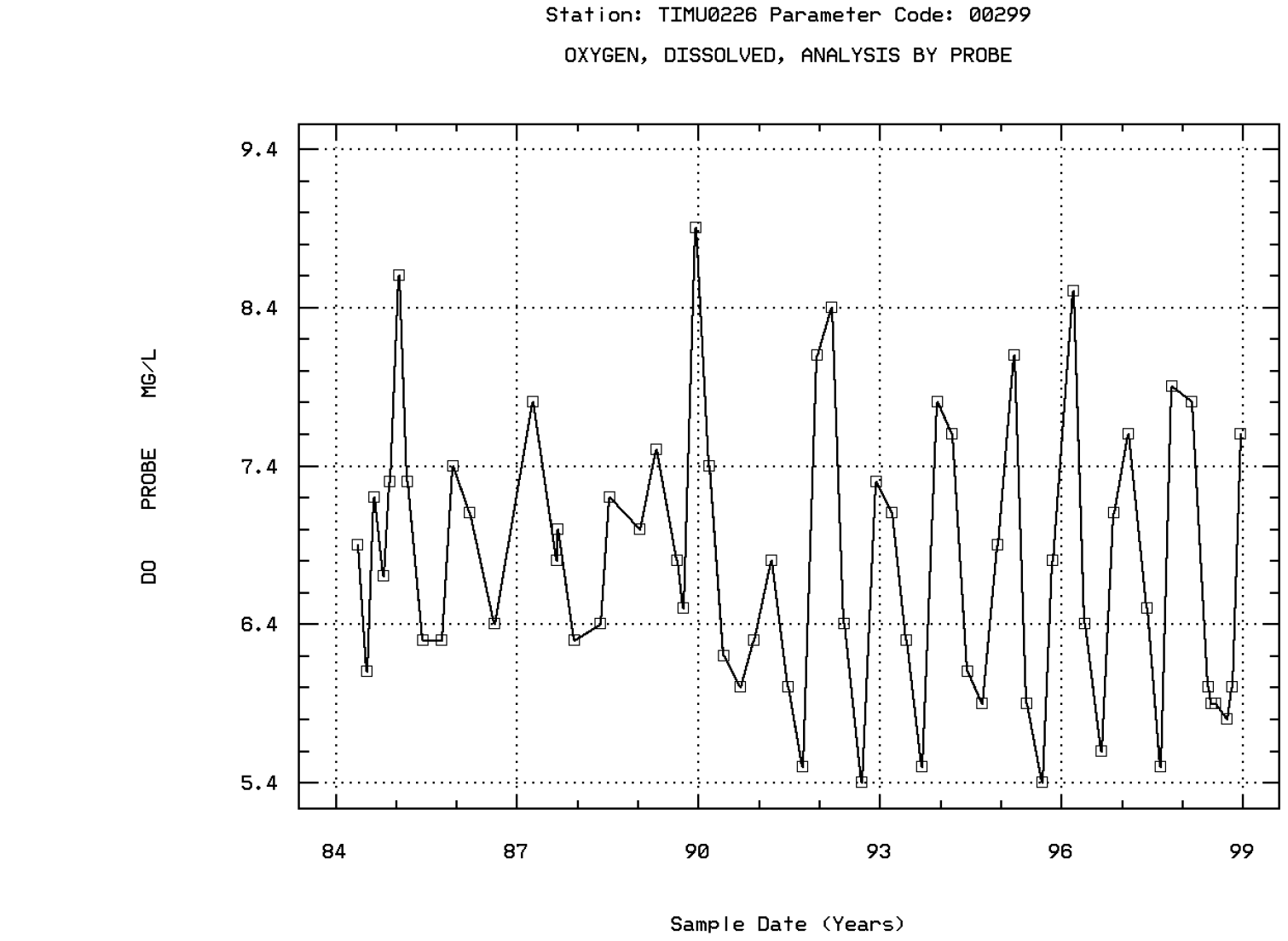
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/84-12/15/98	88	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	61	22.3	21.48	28.	8.9	17.052	4.129	15.08	18.15	25.	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/20/95-12/15/98	19	275.	347.053	978.	195.	45488.164	213.28	238.	256.	330.	895.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	62	6.8	6.792	8.9	5.4	0.753	0.868	5.66	6.075	7.4	8.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/20/95-12/15/98	19	74.	75.121	86.7	66.1	40.81	6.388	66.8	71.3	81.9	84.4
00400p	PH (STANDARD UNITS)	05/15/84-12/15/98	61	6.5	6.533	7.3	5.5	0.225	0.474	6.	6.15	7.	7.1
00400p	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	61	6.5	6.277	7.3	5.5	0.292	0.54	6.	6.15	7.	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	61	0.316	0.529	3.162	0.05	0.471	0.687	0.079	0.1	0.713	1.
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/20/95-09/07/95	3	251.	301.667	413.	241.	9321.333	96.547	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/19/89-12/15/98	21	0.	0.19	2.	0.	0.262	0.512	0.	0.	0.	1.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/93-07/06/93	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/18/93-07/06/93	2	0.645	0.645	0.68	0.61	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/18/93-07/06/93	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/18/93-07/06/93	2	0.26	0.26	0.28	0.24	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/93-07/06/93	2	0.385	0.385	0.4	0.37	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/18/93-07/06/93	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/18/93-07/06/93	2	104.	104.	110.	98.	72.	8.485	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/93-07/06/93	2	26.5	26.5	31.	22.	40.5	6.364	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/13/90-04/24/95	22	2600.	7197.273	50000.	140.	136277306.494	11673.787	540.	1300.	5750.	25800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/13/90-04/24/95	22	3.414	3.489	4.699	2.146	0.349	0.591	2.646	3.114	3.75	4.395
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3081.445								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	28	300.	1441.071	11000.	30.	7198232.143	2682.952	69.	130.	1300.	5400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	28	2.477	2.623	4.041	1.477	0.46	0.678	1.838	2.114	3.114	3.724
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			419.646								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/95-09/07/95	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/18/93-07/06/93	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	05/18/93-07/06/93	2	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/18/93-07/06/93	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	62	0	0.00	38	0	0.00	24	0	0.00						
00400	PH	Fresh Chronic	9.	61	0	0.00	37	0	0.00	24	0	0.00						
		Other-Lo Lim.	6.5	61	35	0.57	37	19	0.51	24	16	0.67						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	20	0.91	15	15	1.00	7	5	0.71						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	16	0.57	20	14	0.70	8	2	0.25						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

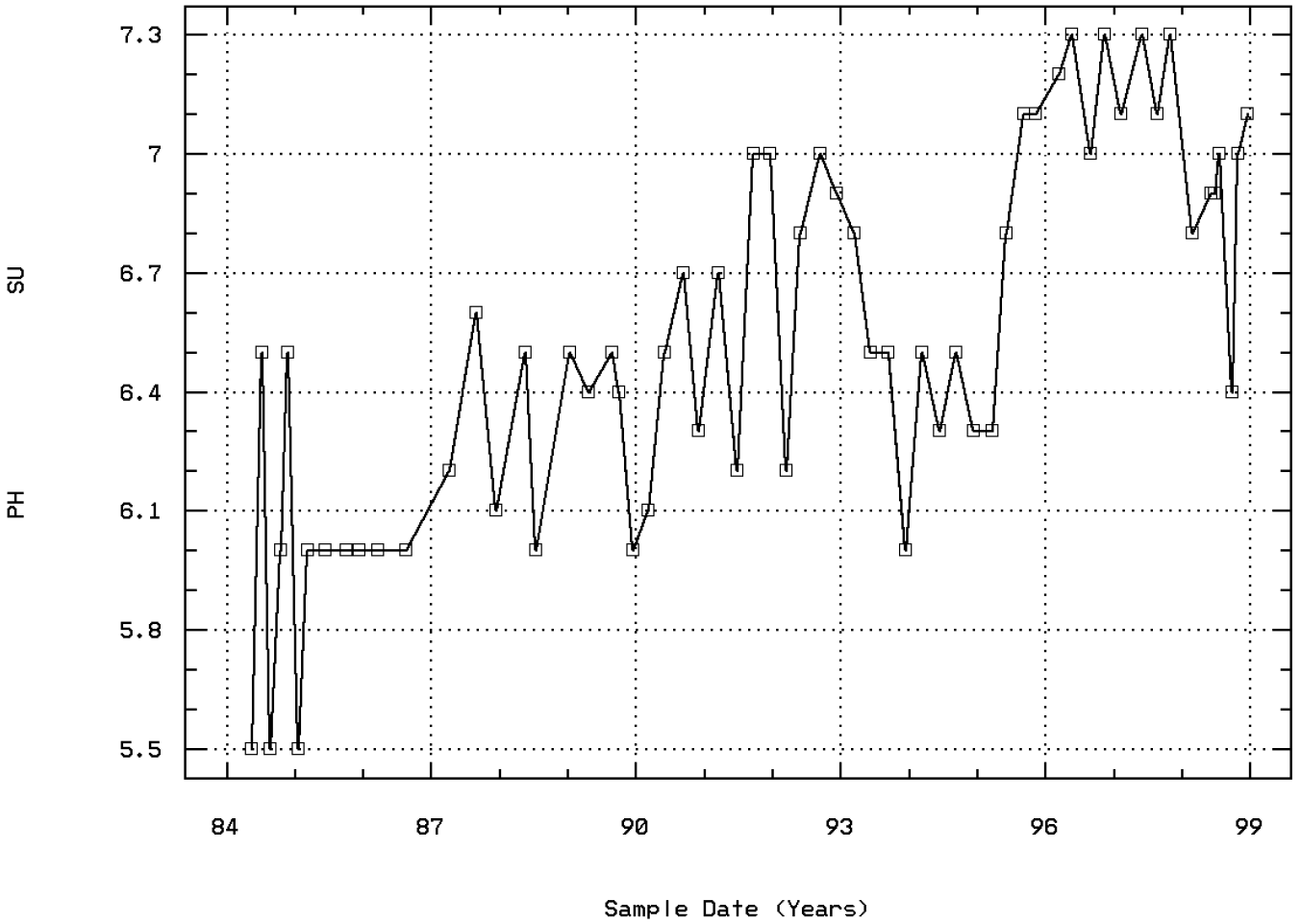
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



COWHEAD CREEK AT FORT CAROLINE ROAD

Station: TIMU0226 Parameter Code: 00400

PH (STANDARD UNITS)



COWHEAD CREEK AT FORT CAROLINE ROAD

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/84-12/15/98	56	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	37	24.5	24.022	28.	17.1	5.57	2.36	20.52	23.	25.55	26.34
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	38	6.3	6.318	7.9	5.4	0.365	0.604	5.5	5.9	6.8	7.2
00400	PH (STANDARD UNITS)	05/15/84-12/15/98	37	6.5	6.605	7.3	5.5	0.234	0.484	6.	6.35	7.	7.3
00400	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	37	6.5	6.317	7.3	5.5	0.32	0.565	6.	6.35	7.	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	37	0.316	0.482	3.162	0.05	0.514	0.717	0.05	0.1	0.45	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	20	500.	1893.	11000.	70.	9410106.316	3067.59	83.	170.	2375.	8600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	20	2.699	2.785	4.041	1.845	0.46	0.678	1.917	2.23	3.376	3.929
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			610.099								

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/84-12/15/98	32	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	24	18.	17.563	22.5	8.9	9.359	3.059	14.25	15.125	19.925	21.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	24	7.5	7.542	8.9	6.3	0.452	0.672	6.55	7.1	8.025	8.55
00400	PH (STANDARD UNITS)	05/15/84-12/15/98	24	6.3	6.421	7.2	5.5	0.198	0.445	6.	6.025	6.8	7.1
00400	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	24	6.3	6.221	7.2	5.5	0.24	0.49	6.	6.025	6.8	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	24	0.501	0.601	3.162	0.063	0.416	0.645	0.079	0.158	0.949	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	8	150.	311.25	1300.	30.	180498.214	424.851	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/29/84-10/28/98	8	2.172	2.217	3.114	1.477	0.26	0.51	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			164.661								

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

Station Inventory for Station: TIMU0227

NPS Station ID: TIMU0227
LAT/LON: 30.357420/ -81.524449
Agency: 21FLA
Date Created: 08/19/95
Location: COWHEAD CR AB MILL COVE @ SE BEND
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030320
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
COWHEAD CREEK ABOVE MILL COVE @ SOUTHEAST BEND THIS STATION WAS USED AS A REFERENCE SITE FOR THE 1992 BIOASSESSMENT OF HOLLY OAKS WWTP

Parameter Inventory for Station: TIMU0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: TIMU0228

NPS Station ID: TIMU0228
LAT/LON: 30.415559/ -81.526115
Agency: 112WRD
Date Created: 04/14/78
Location: D-1158 J-1115
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302456081313401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 03080103009600.30
RF3 Mile Point: 0.29
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/28/76-12/28/76	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/28/76-12/28/76	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/28/76-12/28/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0228

			Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0229

NPS Station ID: TIMU0229 | LAT/LON: 30.389559/ -81.527281 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: DAMES PT-FULTON CUTOFF S OF INLET TO MILL COVE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_SJ_BI4/BI16
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION WAS AT THE DAMES POINT-FULTON CUTOFF A HALF-MILE DOWNSTREAM OF THE INLET TO MILL COVE OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF THIS STATION WAS DETERMINED FROM FIGURE 2.5-13 OF THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-06/07/72	1	12350.	12350.	12350.	12350.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/07/72-06/07/72	1	38.9	38.9	38.9	38.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/72-06/07/72	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/72-06/07/72	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/72-06/07/72	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/07/72-06/07/72	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/07/72-06/07/72	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/72-06/07/72	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/72-06/07/72	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/72-06/07/72	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	1	1382.	1382.	1382.	1382.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/72-06/07/72	1	107.9	107.9	107.9	107.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/72-06/07/72	1	270.1	270.1	270.1	270.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/07/72-06/07/72	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/07/72-06/07/72	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/72-06/07/72	1	4010.	4010.	4010.	4010.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/72-06/07/72	1	828.	828.	828.	828.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/07/72-06/07/72	1	19.6	19.6	19.6	19.6	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/72-06/07/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/07/72-06/07/72	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/07/72-06/07/72	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/07/72-06/07/72	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/07/72-06/07/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	06/07/72-06/07/72	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/07/72-06/07/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/72-06/07/72	1	8073.	8073.	8073.	8073.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/07/72-06/07/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0229

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	0 &	0	0.00												

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

Station Inventory for Station: TIMU0230

NPS Station ID: TIMU0230 LAT/LON: 30.414948/ -81.527781 Agency: 21FLDDPU Date Created: 09/23/95
Location: SJR @ BOATHOUSE (BROWNS CK MOUTH N BLOUNT ISL) FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): JAXDPU6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	58	22.25	22.053	33.	11.	36.72	6.06	13.89	16.9	28.	29.04
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	15	27.	25.207	33.	14.	34.334	5.859	15.8	20.	30.	31.8
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	56	0.	17.232	80.	0.	789.018	28.089	0.	0.	47.5	70.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	57	0.84	0.875	1.75	0.	0.091	0.302	0.594	0.675	0.96	1.316
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	58	30110.	29077.241	47300.	11082.	84644282.327	9200.233	16525.9	21800.	37265.75	41673.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	58	6.8	6.669	8.9	4.8	1.43	1.196	5.	5.5	7.625	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	44	0.7	0.716	2.	0.	0.234	0.484	0.15	0.325	0.9	1.4
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	57	7.6	7.359	8.04	5.9	0.326	0.571	6.5	6.75	7.765	7.982
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	57	7.6	6.939	8.04	5.9	0.507	0.712	6.5	6.75	7.765	7.982
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	57	0.025	0.115	1.259	0.009	0.043	0.208	0.01	0.017	0.179	0.316
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	58	19.5	19.598	31.	4.	41.145	6.414	12.05	14.85	24.475	28.07
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	58	22.5	24.448	48.	0.	85.515	9.247	15.9	18.75	29.	39.1
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	43	0.7	0.699	1.23	0.34	0.042	0.205	0.424	0.51	0.87	0.984
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	58 ##	0.03	0.038	0.18	0.	0.001	0.029	0.015	0.015	0.05	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	57	0.64	0.696	2.02	0.26	0.125	0.354	0.406	0.495	0.755	1.032
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	57	0.12	0.134	0.3	0.01	0.006	0.075	0.03	0.075	0.2	0.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	57	0.075	0.074	0.14	0.005	0.001	0.03	0.046	0.05	0.1	0.11
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	59	10747.	10707.424	18494.	0.	17242407.214	4152.398	5373.	8372.	14121.	15870.
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	260.	260.	260.	260.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	20.	20.	40.	0.	800.	28.284	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	42	130.	158.571	800.	10.	21900.348	147.988	20.	40.	230.	300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	42	2.114	2.002	2.903	1.	0.22	0.469	1.301	1.602	2.362	2.477
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			100.494								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	43	40.	51.86	230.	10.	3005.98	54.827	10.	20.	80.	146.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	43	1.602	1.521	2.362	1.	0.168	0.41	1.	1.301	1.903	2.155
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.191								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	54	2.72	3.296	18.5	0.	6.986	2.643	1.4	2.075	4.025	5.85
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	58	0.045	0.05	0.12	0.	0.001	0.031	0.015	0.03	0.073	0.1
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	15 ##	0.5	1.007	2.	0.1	0.717	0.847	0.13	0.3	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	27.	27.	27.	27.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	57	5.4	5.642	21.	0.	15.367	3.92	0.	3.35	7.7	10.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	41	8.9	8.732	11.	4.9	2.163	1.471	6.72	7.75	10.	10.68

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

EPA Water Quality Criteria Analysis for Station: TIMU0230

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	58	0	0.00	35	0	0.00	23	0	0.00						
00400	PH	Fresh Chronic	9.	57	0	0.00	34	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	57	7	0.12	34	2	0.06	23	5	0.22						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	57	0	0.00	35	0	0.00	22	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	59	57	0.97	36	35	0.97	23	22	0.96						
		Drinking Water	250.	59	57	0.97	36	35	0.97	23	22	0.96						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	42	0	0.00	24	0	0.00	18	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	2	0.05	25	1	0.04	18	1	0.06						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	57	0	0.00	34	0	0.00	23	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.9	23.25	28.5	16.2	32.711	5.719	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.69	0.686	0.76	0.61	0.006	0.075	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	21200.	21150.	30900.	15400.	32819000.	5728.787	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	5.75	6.017	7.6	4.9	0.926	0.962	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.9	6.84	7.1	6.6	0.038	0.195	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.9	6.806	7.1	6.6	0.039	0.199	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.126	0.156	0.251	0.079	0.005	0.068	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	15.	16.	22.	14.	9.6	3.098	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	22.5	22.	26.	18.	10.	3.162	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.05	0.052	0.06	0.05	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	0.725	0.803	1.03	0.65	0.033	0.181	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.2	0.197	0.26	0.12	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	8622.	8463.833	12746.	5398.	7932250.567	2816.425	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	2.1	2.42	3.6	1.5	0.687	0.829	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.09	0.087	0.12	0.04	0.001	0.027	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	5.4	4.42	7.6	0.	8.862	2.977	**	**	**	**

** - 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 1992 - Station TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	19.65	20.26	28.5	14.	30.256	5.501	14.05	14.725	26.625	28.35
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.84	0.768	0.91	0.53	0.026	0.162	0.53	0.59	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	28900.	27784.	37600.	11700.	66704337.778	8167.272	12414.	22485.	35025.	37560.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	6.8	6.61	7.9	5.1	0.948	0.973	5.16	5.7	7.525	7.87
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.57	6.9	5.9	0.102	0.32	5.92	6.4	6.725	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.438	6.9	5.9	0.122	0.349	5.92	6.4	6.725	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.2	0.365	1.259	0.126	0.136	0.369	0.129	0.189	0.436	1.212
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	21.	21.1	31.	4.	68.989	8.306	4.9	16.	28.25	30.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	21.5	25.1	40.	16.	70.322	8.386	16.2	18.	33.	39.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.028	0.036	0.07	0.025	0.	0.016	0.025	0.025	0.05	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.57	0.592	0.8	0.41	0.02	0.141	0.413	0.455	0.76	0.796
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.105	0.12	0.24	0.02	0.006	0.078	0.022	0.055	0.195	0.237
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10 ##	0.05	0.074	0.13	0.05	0.001	0.032	0.05	0.05	0.103	0.128
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	11259.	11426.4	16370.	4374.	13823041.6	3717.935	4751.3	9065.75	14838.75	16282.5
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	10	2.	2.138	3.72	0.	1.154	1.074	0.14	1.625	3.188	3.678
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.08	0.075	0.12	0.02	0.001	0.031	0.022	0.048	0.1	0.118
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	3.3	3.51	9.6	0.	13.361	3.655	0.	0.	6.225	9.51

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

Annual Analysis for 1993 - Station TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	21.8	21.525	30.8	11.	49.824	7.059	11.75	14.725	28.6	30.53
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.875	0.793	1.3	0.	0.097	0.312	0.159	0.708	0.91	1.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	30239.	31397.917	47300.	19100.	80095670.629	8949.618	19490.	23211.	39725.	45905.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	6.55	6.558	8.5	4.9	2.052	1.432	4.93	5.025	7.975	8.47
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.595	7.287	7.88	6.4	0.368	0.607	6.43	6.5	7.74	7.853
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.595	6.899	7.88	6.4	0.532	0.729	6.43	6.5	7.74	7.853

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Annual Analysis for 1993 - Station TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.025	0.126	0.398	0.013	0.025	0.157	0.014	0.018	0.316	0.374
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	21.4	22.092	30.8	15.	22.499	4.743	15.48	18.85	26.5	29.81
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	24.5	25.333	39.	17.	39.879	6.315	17.6	21.	29.75	36.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.03	0.044	0.1	0.03	0.001	0.023	0.03	0.03	0.06	0.091
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.555	0.505	0.67	0.28	0.017	0.131	0.301	0.383	0.627	0.664
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.1	0.113	0.19	0.03	0.003	0.053	0.039	0.073	0.168	0.19
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12 ##	0.05	0.067	0.11	0.05	0.001	0.026	0.05	0.05	0.1	0.107
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	13121.	13081.333	18494.	9122.	9387836.97	3063.958	9309.5	9997.	15763.75	17781.8
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	12	3.9	3.991	6.7	0.	3.16	1.778	0.81	2.955	5.1	6.61
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.054	0.08	0.03	0.	0.019	0.03	0.03	0.068	0.08
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	3.8	4.758	21.	0.	33.924	5.824	0.	0.	6.775	16.92

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

Annual Analysis for 1994 - Station TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	22.55	22.78	28.9	13.8	28.197	5.31	14.11	17.425	27.925	28.81
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.875	0.956	1.75	0.53	0.164	0.405	0.538	0.67	1.12	1.735
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	29231.5	29821.1	41280.	16651.	65012319.656	8063.022	17184.	23364.	37773.75	40946.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.1	6.72	8.4	4.8	1.508	1.228	4.82	5.675	7.6	8.35
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.975	7.849	8.04	7.5	0.042	0.205	7.51	7.623	8.005	8.038
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.975	7.802	8.04	7.5	0.045	0.211	7.51	7.622	8.005	8.038
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.011	0.016	0.032	0.009	0.	0.008	0.009	0.01	0.024	0.031
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	18.	18.52	26.5	9.7	30.295	5.504	10.05	14.1	23.95	26.26
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	23.	22.1	47.	0.	137.433	11.723	1.6	16.	25.5	45.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.023	0.027	0.08	0.	0.	0.022	0.002	0.015	0.033	0.076
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	0.49	0.511	0.71	0.26	0.019	0.137	0.26	0.425	0.62	0.71
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.11	0.126	0.25	0.01	0.009	0.093	0.01	0.045	0.235	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.07	0.068	0.1	0.03	0.001	0.024	0.03	0.05	0.09	0.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	8497.	8554.182	15120.	0.	26697018.564	5166.916	0.	5873.	13371.	14770.2
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	11	2.5	3.964	18.5	0.	26.209	5.119	0.	1.9	4.1	16.02
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10 ##	0.03	0.034	0.06	0.	0.	0.021	0.002	0.015	0.053	0.06
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	7.15	7.26	14.	2.2	13.445	3.667	2.23	4.375	9.925	13.6

** - 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 TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	24.8	23.582	33.	13.9	46.06	6.787	14.16	17.5	29.4	32.8
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	67.5	63.5	80.	50.	150.278	12.259	50.	50.	75.	79.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.88	0.903	1.6	0.61	0.094	0.307	0.61	0.61	1.02	1.524
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	31321.	28494.091	41010.	11082.	130913334.691	11441.737	11266.	16690.	38248.	40980.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.1	6.873	8.2	5.4	1.002	1.001	5.4	6.	7.8	8.12
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.76	7.728	7.92	7.57	0.011	0.107	7.576	7.64	7.81	7.904
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.76	7.716	7.92	7.57	0.012	0.107	7.576	7.64	7.81	7.904
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.017	0.019	0.027	0.012	0.	0.005	0.013	0.015	0.023	0.027
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	19.5	17.764	26.3	6.3	58.711	7.662	6.42	9.8	24.3	26.28
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	28.	26.455	43.	10.	120.073	10.958	10.6	19.	36.	42.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.015	0.023	0.05	0.015	0.	0.013	0.015	0.015	0.04	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.69	1.007	2.02	0.39	0.392	0.626	0.432	0.62	1.88	2.014
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.12	0.137	0.3	0.02	0.007	0.085	0.024	0.09	0.2	0.288
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11 ##	0.075	0.077	0.14	0.03	0.001	0.03	0.03	0.075	0.09	0.132

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Annual Analysis for 1995 - Station TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	10747.	10207.	15245.	3561.	19484051.2	4414.074	3623.6	5373.	14121.	15220.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	9	3.8	3.5	5.6	1.4	2.42	1.556	1.4	2.15	5.	5.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.03	0.03	0.07	0.015	0.	0.017	0.015	0.015	0.04	0.064
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	6.	6.509	11.	4.	5.573	2.361	4.	4.	7.9	10.8

** - 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 TIMU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	9	21.7	21.278	29.	12.8	39.279	6.267	12.8	15.15	27.75	29.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	8	45.	41.25	80.	5.	676.786	26.015	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	1.1	1.082	1.42	0.66	0.065	0.255	0.66	0.865	1.32	1.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	9	31050.	32591.	44957.	20670.	88275364.5	9395.497	20670.	23403.5	43014.	44957.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	9	6.8	7.011	8.9	4.8	2.241	1.497	4.8	5.8	8.7	8.9
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.63	7.626	7.99	7.12	0.062	0.249	7.12	7.495	7.785	7.99
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.63	7.555	7.99	7.12	0.067	0.26	7.12	7.495	7.785	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	9	0.023	0.028	0.076	0.01	0.	0.02	0.01	0.016	0.032	0.076
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	9	19.3	20.444	29.1	12.3	42.4	6.512	12.3	14.1	27.7	29.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	19.	24.333	48.	13.	145.75	12.073	13.	15.5	34.	48.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.03	0.057	0.18	0.005	0.003	0.057	0.005	0.018	0.09	0.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	0.75	0.797	1.15	0.5	0.042	0.205	0.5	0.645	0.975	1.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.14	0.143	0.24	0.03	0.006	0.077	0.03	0.075	0.225	0.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.06	0.07	0.12	0.005	0.002	0.041	0.005	0.038	0.105	0.12
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	11371.	11482.444	16245.	6748.	13594466.778	3687.068	6748.	7747.5	15557.5	16245.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	7	2.5	3.071	6.2	2.1	2.039	1.428	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.04	0.033	0.08	0.005	0.001	0.028	0.005	0.005	0.055	0.08
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	6.6	7.011	11.	4.7	5.166	2.273	4.7	5.05	8.95	11.

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Station Inventory for Station: TIMU0231

NPS Station ID: TIMU0231
LAT/LON: 30.390642/ -81.529392
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT CM 42
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	61	22.2	22.061	34.	10.5	37.621	6.134	13.7	16.75	28.	29.16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	17	27.5	25.559	33.	14.	33.51	5.789	16.4	21.	30.	32.2
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	59	0.	19.814	100.	0.	971.568	31.17	0.	0.	50.	75.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	59	0.84	0.865	1.78	0.	0.093	0.305	0.53	0.69	0.99	1.37
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	61	23800.	24919.443	47800.	4679.	102276991.417	10113.209	13607.2	17457.	33651.5	37398.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	61	7.1	6.959	9.8	4.7	1.56	1.249	5.32	5.75	7.9	8.68
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	44	0.65	0.723	2.	0.	0.206	0.454	0.15	0.4	1.	1.25
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	60	7.635	7.406	8.12	5.9	0.321	0.566	6.5	6.825	7.825	7.959
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	60	7.635	6.958	8.12	5.9	0.525	0.724	6.5	6.825	7.825	7.959
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	60	0.023	0.11	1.259	0.008	0.048	0.218	0.011	0.015	0.15	0.316
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	61	15.5	16.384	31.2	2.6	54.383	7.374	8.	10.25	22.8	27.48
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	61	20.	22.492	50.	0.	92.087	9.596	13.2	16.	28.	35.8
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	44	0.78	0.762	1.24	0.34	0.054	0.233	0.39	0.575	0.94	1.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	61	0.03	0.041	0.18	0.	0.001	0.03	0.015	0.015	0.06	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	60	0.69	0.739	1.84	0.289	0.108	0.329	0.362	0.53	0.82	1.194
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	60	0.16	0.159	0.34	0.01	0.008	0.09	0.041	0.073	0.23	0.289
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	60	0.078	0.085	0.28	0.01	0.002	0.039	0.05	0.053	0.1	0.12
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	61	8497.	9396.082	18869.	0.	17388381.677	4169.938	4549.	6748.	12746.	15495.
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	110.	110.	110.	110.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	40.	40.	80.	0.	3200.	56.569	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.952	0.952	1.903	0.	1.811	1.346	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.944								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	43	220.	316.512	3000.	10.	263361.351	513.187	20.	80.	300.	800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	43	2.342	2.164	3.477	1.	0.325	0.57	1.301	1.903	2.477	2.903
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			145.824								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	44	40.	67.045	800.	10.	15309.672	123.732	10.	20.	70.	135.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	44	1.602	1.55	2.903	1.	0.193	0.439	1.	1.301	1.845	2.13
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.473								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	60	2.95	3.879	25.3	0.	16.864	4.107	1.3	2.	4.075	6.41
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	61	0.06	0.054	0.15	0.	0.001	0.034	0.015	0.02	0.08	0.1
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	17 ##	0.45	1.035	2.	0.2	0.704	0.839	0.2	0.325	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	36.	36.	36.	36.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	60	5.7	5.412	24.	0.	15.089	3.884	0.	3.05	7.475	8.48
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	44	12.35	11.698	25.	4.6	10.221	3.197	7.75	10.425	13.325	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: TIMU0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	0	0.00	37	0	0.00	24	0	0.00						
00400	PH	Fresh Chronic	9.	60	0	0.00	36	0	0.00	24	0	0.00						
		Other-Lo Lim.	6.5	60	7	0.12	36	3	0.08	24	4	0.17						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	60	0	0.00	37	0	0.00	23	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	61	60	0.98	37	37	1.00	24	23	0.96						
		Drinking Water	250.	61	60	0.98	37	37	1.00	24	23	0.96						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	43	3	0.07	25	3	0.12	18	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	44	2	0.05	26	1	0.04	18	1	0.06						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	60	0	0.00	36	0	0.00	24	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.9	23.25	28.5	16.2	32.711	5.719	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.69	0.656	0.76	0.53	0.008	0.088	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	19750.	19883.333	26300.	14100.	15705666.667	3963.038	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	6.05	6.367	8.	5.4	1.171	1.082	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	7.	7.26	8.	6.5	0.488	0.699	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	7.	6.925	8.	6.5	0.629	0.793	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.1	0.119	0.316	0.01	0.016	0.127	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	12.	12.	16.	8.	9.6	3.098	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	16.	17.	22.	13.	9.6	3.098	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	0.845	0.86	0.99	0.72	0.014	0.117	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.21	0.223	0.34	0.17	0.004	0.063	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.1	0.107	0.13	0.1	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	8397.	8089.	10247.	5873.	2171393.6	1473.565	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	2.6	2.16	3.1	1.	0.823	0.907	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.075	0.082	0.13	0.04	0.001	0.031	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	6.4	5.08	8.	0.	11.752	3.428	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	11.	10.38	12.2	7.3	3.392	1.842	**	**	**	**

** - 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 1992 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	19.85	20.17	28.5	13.5	32.189	5.674	13.6	14.5	26.625	28.35
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.76	0.752	0.91	0.53	0.023	0.153	0.538	0.61	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	25600.	25622.	37300.	12400.	71864395.556	8477.287	12532.	19480.	32250.	37230.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.25	6.98	8.5	5.2	1.308	1.144	5.24	5.675	7.95	8.46
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.58	6.9	5.9	0.122	0.349	5.91	6.375	6.8	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.423	6.9	5.9	0.149	0.386	5.91	6.375	6.8	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.2	0.378	1.259	0.126	0.163	0.404	0.129	0.158	0.487	1.233
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	18.5	19.3	31.	8.	62.678	7.917	8.	13.25	26.25	30.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	19.5	22.	38.	11.	63.778	7.986	11.5	16.75	28.	37.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.03	0.044	0.08	0.025	0.001	0.023	0.025	0.025	0.07	0.079
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.655	0.627	0.89	0.289	0.029	0.172	0.305	0.51	0.76	0.877
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.115	0.14	0.29	0.02	0.009	0.093	0.024	0.06	0.233	0.285
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10 ##	0.05	0.092	0.28	0.05	0.005	0.073	0.05	0.05	0.115	0.265
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	9759.5	10404.3	16620.	4749.	14835750.456	3851.72	4838.9	7522.25	13871.	16345.1
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	10	1.55	2.017	4.96	0.1	2.204	1.484	0.173	1.033	3.135	4.854
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.09	0.084	0.15	0.02	0.002	0.041	0.02	0.05	0.105	0.147
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	3.75	3.07	6.8	0.	8.065	2.84	0.	0.	5.425	6.7
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	8.8	8.978	12.5	4.6	8.279	2.877	4.6	6.55	11.75	12.5

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

Annual Analysis for 1993 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	21.8	21.325	30.6	10.5	50.526	7.108	11.25	14.65	28.375	30.33
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.875	0.805	1.37	0.	0.112	0.334	0.159	0.69	0.91	1.301
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	26228.	28181.083	47800.	14600.	101709336.265	10085.105	14870.	20115.25	36512.5	44561.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	6.7	6.6	8.4	4.7	1.907	1.381	4.79	5.175	7.975	8.37

** - 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 1993 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.52	7.255	7.88	6.4	0.346	0.589	6.4	6.525	7.703	7.835
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.52	6.888	7.88	6.4	0.493	0.702	6.4	6.525	7.703	7.835
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.03	0.129	0.398	0.013	0.026	0.161	0.015	0.02	0.3	0.398
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	17.6	19.85	31.2	11.	43.912	6.627	11.48	14.125	25.375	30.54
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	25.5	25.25	46.	14.	71.841	8.476	14.3	18.75	28.75	41.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.045	0.052	0.12	0.03	0.001	0.028	0.03	0.03	0.068	0.105
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.545	0.556	0.82	0.31	0.031	0.176	0.313	0.39	0.71	0.796
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.15	0.134	0.23	0.03	0.005	0.067	0.039	0.07	0.185	0.23
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12	0.1	0.082	0.12	0.05	0.001	0.028	0.05	0.05	0.1	0.117
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	10247.	11665.25	18869.	6748.	15409395.477	3925.48	7085.5	8310.25	15089.	18276.8
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	12	3.9	4.046	6.5	2.74	1.167	1.08	2.758	3.265	4.475	6.17
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.063	0.09	0.03	0.	0.019	0.03	0.06	0.08	0.087
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	2.85	4.558	24.	0.	45.972	6.78	0.	0.	6.925	18.93

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

Annual Analysis for 1994 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	22.7	23.236	29.2	13.7	28.129	5.304	14.38	17.6	27.8	29.08
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.84	0.935	1.6	0.53	0.12	0.346	0.53	0.76	1.07	1.584
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	24504.	25151.818	41118.	14479.	73541129.164	8575.612	14818.2	17033.	31263.	40379.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.	6.891	8.7	5.	1.535	1.239	5.06	6.2	7.7	8.7
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.85	7.816	8.12	7.51	0.037	0.191	7.532	7.63	7.97	8.096
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.85	7.778	8.12	7.51	0.038	0.195	7.532	7.63	7.97	8.096
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.014	0.017	0.031	0.008	0.	0.007	0.008	0.011	0.023	0.03
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	14.8	15.391	26.4	8.4	33.515	5.789	8.6	10.	19.4	25.86
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	21.	23.818	50.	0.	164.164	12.813	3.2	17.	30.	47.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.03	0.027	0.06	0.	0.	0.019	0.003	0.015	0.03	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.59	0.543	0.68	0.31	0.017	0.129	0.312	0.465	0.645	0.678
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.105	0.136	0.29	0.01	0.01	0.1	0.014	0.058	0.255	0.288
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.075	0.077	0.13	0.03	0.001	0.032	0.032	0.05	0.11	0.128
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	7998.	8156.545	15870.	0.	17358576.673	4166.363	999.6	5373.	10747.	15220.2
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	11	2.8	5.3	17.9	0.	36.228	6.019	0.32	1.8	7.6	17.48
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.05	0.041	0.08	0.	0.001	0.027	0.003	0.015	0.06	0.078
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	7.4	6.409	12.	2.8	8.887	2.981	2.84	3.	8.3	11.3
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	13.4	12.489	13.7	6.1	5.884	2.426	6.1	12.7	13.6	13.7

** - 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 1995 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	23.1	22.775	34.	13.7	48.246	6.946	14.06	16.1	29.1	33.1
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	65.	62.727	85.	30.	341.818	18.488	32.	50.	80.	85.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.895	0.954	1.78	0.6	0.13	0.36	0.603	0.692	1.015	1.696
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	25562.5	24905.333	42819.	4679.	123947378.061	11133.166	6880.4	17064.25	34946.75	40656.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	7.55	7.267	9.3	5.5	1.393	1.18	5.53	6.15	7.95	9.09
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.74	7.741	7.95	7.56	0.015	0.122	7.572	7.643	7.863	7.932
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.74	7.725	7.95	7.56	0.015	0.123	7.572	7.642	7.862	7.932
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.018	0.019	0.028	0.011	0.	0.005	0.012	0.014	0.023	0.027
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	15.55	15.342	27.6	2.6	53.939	7.344	3.89	9.975	22.	26.07
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	22.5	22.25	39.	6.	84.386	9.186	7.8	15.25	28.5	36.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.015	0.022	0.06	0.015	0.	0.014	0.015	0.015	0.026	0.054

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

Annual Analysis for 1995 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.73	0.974	1.84	0.51	0.257	0.507	0.51	0.622	1.51	1.834
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.175	0.183	0.34	0.03	0.011	0.105	0.03	0.12	0.268	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12 ##	0.075	0.08	0.12	0.06	0.	0.018	0.06	0.071	0.094	0.114
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	8497.5	8846.167	16745.	1312.	21733259.97	4661.894	2155.6	5310.5	12308.5	16295.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	12	3.35	3.508	9.1	1.3	4.017	2.004	1.39	2.25	3.9	7.75
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.035	0.033	0.07	0.015	0.	0.018	0.015	0.015	0.048	0.064
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	6.	5.792	7.9	3.2	2.237	1.496	3.56	4.525	7.1	7.66
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	11	13.1	14.082	25.	10.5	14.266	3.777	10.8	12.5	14.1	22.84

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

Annual Analysis for 1996 - Station TIMU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	23.4	21.97	29.	12.3	40.458	6.361	12.35	15.875	28.25	28.94
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	50.	47.9	100.	2.	1096.544	33.114	3.8	20.	69.25	99.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	0.98	0.981	1.45	0.42	0.078	0.28	0.42	0.87	1.14	1.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	21211.5	23085.9	44644.	4860.	208299048.322	14432.569	5001.6	11753.25	38356.75	44569.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	7.25	7.43	9.8	5.8	1.916	1.384	5.82	6.225	8.875	9.73
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.665	7.631	7.93	7.09	0.068	0.262	7.114	7.503	7.853	7.929
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.663	7.55	7.93	7.09	0.076	0.275	7.114	7.503	7.852	7.929
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.022	0.028	0.081	0.012	0.	0.021	0.012	0.014	0.032	0.078
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	12.7	14.28	28.9	2.7	91.857	9.584	2.78	6.725	24.425	28.85
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	18.	21.8	50.	12.	138.178	11.755	12.2	14.75	23.75	48.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10	0.04	0.055	0.18	0.005	0.003	0.052	0.005	0.024	0.078	0.172
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.99	0.913	1.23	0.36	0.086	0.292	0.377	0.703	1.155	1.227
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.175	0.163	0.29	0.04	0.008	0.091	0.043	0.078	0.26	0.287
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.08	0.079	0.15	0.01	0.002	0.044	0.01	0.055	0.113	0.147
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	7810.5	8472.5	15495.	1375.	22833780.722	4778.471	1674.9	4467.75	13683.25	15482.5
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	10	2.85	5.28	25.3	1.6	51.033	7.144	1.64	2.	4.625	23.33
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.025	0.035	0.11	0.005	0.001	0.032	0.005	0.009	0.053	0.105
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	7.5	7.39	10.	4.	3.95	1.987	4.04	6.2	9.15	9.96
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	11.55	11.47	13.9	8.2	2.891	1.7	8.34	10.575	13.	13.81

** - Less than 9 observations ## - Computed 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: TIMU0232

NPS Station ID: TIMU0232
LAT/LON: 30.421920/ -81.529865
Agency: 11NPSWRD
Date Created: 10/10/98
Location: BROWNS CREEK NORTH OF SR105
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_TIM14
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT; FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 14 WAS AT BROWNS CREEK NORTH OF HECKSHER ROAD (SR105) INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	43	6.	7.809	22.	0.	53.03	7.282	1.	2.	14.	21.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	27	21.1	22.044	28.6	16.	26.402	5.138	16.1	16.2	27.8	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	6	19.5	20.25	26.5	14.5	19.875	4.458	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	6	67.5	59.167	100.	0.	1424.167	37.738	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	6	4.65	6.183	14.	3.3	15.806	3.976	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	6	1.16	1.135	1.75	0.4	0.256	0.506	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	27	33805.	29582.963	43529.	2084.	146036828.575	12084.57	6224.6	31317.	35705.	42118.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	27	6.8	6.804	9.1	5.3	1.958	1.399	5.3	5.4	8.6	8.74
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	27	86.7	85.333	100.6	77.7	50.5	7.106	78.14	78.8	90.1	99.14
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	7	1.	0.857	1.	0.5	0.06	0.244	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	27	7.87	7.827	8.03	7.61	0.016	0.126	7.628	7.72	7.9	8.03
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	27	7.87	7.809	8.03	7.61	0.016	0.127	7.628	7.72	7.9	8.03
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	27	0.013	0.016	0.025	0.009	0.	0.005	0.009	0.013	0.019	0.024
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	27	21.2	18.544	28.1	1.1	61.395	7.835	3.42	19.5	22.5	27.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	8	14.	15.5	36.	5.	95.143	9.754	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	8	0.047	0.053	0.106	0.019	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	8	0.302	0.423	1.38	0.05	0.165	0.406	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	8 ##	0.005	0.03	0.15	0.005	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	8	0.073	0.08	0.152	0.044	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	8	4154.5	4047.5	5541.	252.	2951546.	1718.006	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	7	552000.	512228.571	661000.	38600.	48735699047.619	220761.634	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	8	12204.	11019.75	15237.	538.	21398317.643	4625.832	**	**	**	**

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

Parameter Inventory for Station: TIMU0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	7	162.	378.857	1350.	127.	198872.143	445.951	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	6 ##	1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	7 ##	2.5	8.286	37.	2.5	162.405	12.744	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	7	370.	589.286	1880.	215.	341073.238	584.015	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	7 ##	1.5	1.786	2.5	1.5	0.238	0.488	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	7 ##	10.	14.143	39.	10.	120.143	10.961	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	7 ##	2.5	3.714	11.	2.5	10.321	3.213	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	8	0.039	0.039	0.057	0.013	0.	0.014	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	4.	8.486	30.	2.5	97.555	9.877	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	27	0	0.00	19	0	0.00	8	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	27	0	0.00	19	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	27	0	0.00	19	0	0.00	8	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	7	0	0.00	5	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	5	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	7	0	0.00	5	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	5	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	5	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	1	0.14	5	1	0.20	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	5	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0233

NPS Station ID: TIMU0233
LAT/LON: 30.423587/ -81.530309
Agency: 11NPSWRD
Date Created: 08/29/98
Location: RIGHT FORK OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BR_12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 12 WAS AT BROWNS CREEK ON THE RIGHT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 12 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	36.7	36.7	36.7	36.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0233

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0234

NPS Station ID: TIMU0234
LAT/LON: 30.416920/ -81.530643
Agency: 11NPSWRD
Date Created: 10/24/98
Location: MOUTH OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BI_J
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION J WAS AT BROWNS CREEK AT THE CONFLUENCE OF BROWNS CREEK AND THE ST. JOHNS RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM BROWNS CREEK. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION J WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	8	1638.5	1638.5	3277.	0.	3068208.286	1751.63	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	3	1.1	1.233	1.6	1.	0.103	0.321	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	4	31.	31.75	44.	21.	155.583	12.473	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	8	17.65	18.3	26.	12.2	34.271	5.854	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	4	56.5	56.75	83.	31.	450.917	21.235	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/08/74-04/23/74	8	0.7	0.709	1.12	0.07	0.115	0.34	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	6	0.28	0.233	0.56	0.	0.044	0.211	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	8	0.04	0.039	0.09	0.004	0.001	0.034	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	8	0.695	1.314	3.68	0.11	2.077	1.441	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	8	0.085	0.079	0.12	0.05	0.001	0.026	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	4	10.5	10.75	15.	7.	18.917	4.349	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	4	0.06	0.058	0.06	0.05	0.	0.005	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	8	0.04	0.044	0.05	0.04	0.	0.005	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	4	0.75	0.725	1.	0.4	0.063	0.25	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	4	0.075	0.075	0.08	0.07	0.	0.006	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	4	2.95	2.825	3.7	1.7	0.769	0.877	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Marine Acute	2.9	8	0	0.00	4	0	0.00	4	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	4	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	4	3	0.75	4	3	0.75									

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

Station Inventory for Station: TIMU0235

NPS Station ID: TIMU0235 LAT/LON: 30.416948/ -81.530587 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI2 WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL AT THE MOUTH OF BROWNS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI2 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.72	7.72	7.72	7.72	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.72	7.72	7.72	7.72	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/73-07/24/73	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	1	0.102	0.102	0.102	0.102	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0236

NPS Station ID: TIMU0236
LAT/LON: 30.416920/ -81.530643
Agency: 11NPSWRD
Date Created: 08/29/98
Location: MOUTH OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BI_11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI11 WAS AT BROWNS CREEK AT THE CONFLUENCE OF BROWNS CREEK AND THE ST. JOHNS RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI11 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	41.8	41.8	41.8	41.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0236

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0237

NPS Station ID: TIMU0237 | LAT/LON: 30.416892/ -81.530615 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: MOUTH OF BROWNS CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BB_2
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 2 WAS AT BROWNS CREEK AT THE CONFLUENCE OF BROWNS CREEK AND THE ST. JOHNS RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE HYPOLIMNION AND EPILIMNION WATER LAYERS. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 2 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	4	30.75	30.65	31.7	29.4	1.27	1.127	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	4	21.35	21.35	26.3	16.4	32.67	5.716	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	2	0.815	0.815	0.83	0.8	0.	0.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	4	6.8	6.775	6.9	6.6	0.016	0.126	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	3	20.5	18.567	21.3	13.9	16.493	4.061	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0238

NPS Station ID: TIMU0238
LAT/LON: 30.416920/ -81.530615
Agency: 11NPSWRD
Date Created: 08/29/98
Location: MOUTH OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BR_1SB
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 1SB WAS AT BROWNS CREEK AT THE CONFLUENCE OF BROWNS CREEK AND THE ST. JOHNS RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 1SB WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-09/19/73	4	1638.5	1638.5	3277.	0.	3579576.333	1891.977	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/73-09/19/73	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/30/73-09/19/73	4	40.65	39.	45.3	29.4	56.7	7.53	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/73-09/19/73	4	7.7	7.738	8.	7.55	0.042	0.206	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/73-09/19/73	4	7.689	7.704	8.	7.55	0.044	0.209	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/73-09/19/73	4	0.02	0.02	0.028	0.01	0.	0.008	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/30/73-09/19/73	4	12.2	11.85	17.2	5.8	36.55	6.046	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/30/73-09/19/73	4	35.5	39.	62.	23.	283.333	16.833	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/30/73-09/19/73	4	1.4	1.33	2.24	0.28	0.699	0.836	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/73-09/19/73	4 ##	0.	0.28	1.12	0.	0.314	0.56	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/73-09/19/73	4	0.255	0.288	0.57	0.07	0.053	0.231	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/73-09/19/73	4	0.3	0.305	0.44	0.18	0.016	0.125	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/73-09/19/73	4	0.145	0.145	0.18	0.11	0.001	0.031	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/73-09/19/73	4	14.4	13.775	15.3	11.	3.929	1.982	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/73-09/19/73	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/73-09/19/73	4	0.06	0.085	0.2	0.02	0.007	0.085	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/73-09/19/73	4	0.3	0.275	0.4	0.1	0.016	0.126	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/73-09/19/73	4	0.04	0.04	0.05	0.03	0.	0.012	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/73-09/19/73	4	0.025	0.028	0.05	0.01	0.	0.017	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/73-09/19/73	4	0.5	0.5	0.6	0.4	0.007	0.082	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0238

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	4	0	0.00	4	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	4	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0239

NPS Station ID: TIMU0239
LAT/LON: 30.420281/ -81.530837
Agency: 112WRD
Date Created: 03/31/84
Location: BROWNS CREEK BOTTOM
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302513081315102
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 17.550
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103348000.00
RF3 Mile Point: 0.22
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/83-12/16/83	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/16/83-12/16/83	1	14200.	14200.	14200.	14200.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/16/83-12/16/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/16/83-12/16/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/83-12/16/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	4	## 500.	375.125	500.	0.5	62375.063	249.75	**	**	**	**
00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	06/20/83-06/20/83	1	673.	673.	673.	673.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	4	10.75	10.675	17.	4.2	30.689	5.54	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	4	1735.	1670.	3000.	210.	2059133.333	1434.968	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	4	## 1.	1.5	3.	1.	1.	1.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	4	205.	194.75	310.	59.	10656.917	103.232	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	4	11.4	12.15	24.	1.8	96.997	9.849	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	4	## 2.25	2.25	4.	0.5	4.083	2.021	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4	## 0.5	0.875	2.	0.5	0.563	0.75	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4	5.5	5.5	8.	3.	4.333	2.082	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	4	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	4	## 5.	16.25	50.	5.	506.25	22.5	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	4	31.	49.	130.	4.	3144.667	56.077	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	4	7.	8.5	18.	2.	45.667	6.758	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	4	3700.	3250.	5400.	200.	5903333.333	2429.678	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	1	## 5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: TIMU0240

NPS Station ID: TIMU0240
LAT/LON: 30.420281/ -81.530837
Agency: 112WRD
Date Created: 01/21/84
Location: BROWNS CREEK CEIP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302513081315101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 17.550
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103348000.00
RF3 Mile Point: 0.22
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-03/08/84	4	15.75	17.75	27.5	12.	45.417	6.739	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	6	5.5	5.183	9.	0.5	8.25	2.872	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	6	65.	60.	76.	34.	236.4	15.375	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/83-03/08/84	4	19650.	20625.	29000.	14200.	50389166.667	7098.533	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/05/83-03/08/84	3	8.4	7.933	9.8	5.6	4.573	2.139	**	**	**	**
00400	PH (STANDARD UNITS)	10/05/83-03/08/84	4	7.9	7.875	7.9	7.8	0.003	0.05	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-03/08/84	4	7.9	7.873	7.9	7.8	0.003	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-03/08/84	4	0.013	0.013	0.016	0.013	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/03/83-03/08/84	5	7.8	7.74	8.	7.5	0.038	0.195	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-03/08/84	5	7.8	7.706	8.	7.5	0.039	0.199	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-03/08/84	5	0.016	0.02	0.032	0.01	0.	0.009	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/03/83-08/03/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	6	0.075	0.078	0.15	0.03	0.002	0.041	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	6	0.095	0.088	0.13	0.04	0.001	0.033	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	6 ##	0.008	0.038	0.12	0.005	0.003	0.05	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	6	0.7	0.733	1.3	0.2	0.187	0.432	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	6	0.3	0.383	0.9	0.1	0.086	0.293	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	6	0.95	1.117	2.	0.6	0.286	0.534	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	6 ##	0.05	0.083	0.2	0.05	0.004	0.061	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	6 ##	0.05	0.075	0.2	0.05	0.004	0.061	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	6	0.12	0.117	0.13	0.09	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	6	0.06	0.069	0.16	0.005	0.003	0.051	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	6	10.5	10.367	12.	8.2	1.687	1.299	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	6	180.	183.333	240.	140.	1226.667	35.024	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	6	560.	556.667	720.	380.	18146.667	134.71	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	6	4850.	4850.	6100.	3500.	1211000.	1100.454	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	6	165.	160.	200.	110.	1440.	37.947	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	6	165.	160.	200.	110.	1440.	37.947	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	6	8950.	8400.	10000.	5700.	3556000.	1885.736	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	6	1250.	1193.333	1500.	810.	78866.667	280.832	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	6	0.5	0.442	0.6	0.05	0.042	0.206	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	6	1.85	2.333	4.4	1.1	1.787	1.337	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	6	2100.	2033.333	2500.	1400.	190666.667	436.654	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	6	0.	150.	600.	0.	63000.	250.998	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	6	2150.	2183.333	3100.	1400.	397666.667	630.608	**	**	**	**

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

Parameter Inventory for Station: TIMU0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	6	1.5	1.75	3.	0.5	1.175	1.084	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-03/08/84	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	6	1.	1.	2.	0.5	0.3	0.548	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	6	15.	14.167	20.	5.	44.167	6.646	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/03/83-03/08/84	5	10.	6.	10.	0.	30.	5.477	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	6	20.	19.167	30.	5.	104.167	10.206	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	6	4.	5.	13.	2.	16.	4.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	6	1.	4.5	23.	0.	83.1	9.116	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	6	4.	7.333	27.	2.	94.267	9.709	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	6	290.	285.	460.	30.	22230.	149.097	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	6	415.	418.333	600.	250.	15256.667	123.518	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	6	145.	133.667	220.	42.	4072.667	63.817	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	6	1.	1.833	4.	1.	1.767	1.329	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	6	3.	3.333	8.	0.	8.267	2.875	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	6	4.5	5.167	9.	3.	4.567	2.137	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	6	10.	8.333	20.	0.	56.667	7.528	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	6	30.	35.	60.	20.	190.	13.784	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	6	25.	26.5	50.	9.	193.5	13.91	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	5	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	6	1.	1.5	3.	1.	0.7	0.837	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	6	20.	23.583	50.	1.5	333.042	18.249	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	5	10.	20.	60.	0.	550.	23.452	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	6	45.	45.	70.	30.	230.	15.166	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	6	245.	241.667	390.	130.	8176.667	90.425	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	6	40.	81.667	350.	5.	17646.667	132.841	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-02/02/84	4	150.	142.5	230.	40.	8491.667	92.15	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/05/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/20/83-10/05/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	6	15400.	13595.	19900.	1070.	48690150.	6977.833	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	6	0.37	0.36	0.4	0.28	0.002	0.045	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	5	0.2	0.26	0.6	0.05	0.057	0.238	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/03/83-03/08/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	5	0.2	0.18	0.3	0.05	0.016	0.125	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	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						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	3	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	3	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	6	1.00	3	3	1.00	3	3	1.00						
		Drinking Water	250.	6	6	1.00	3	3	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	6	1.00	3	3	1.00	3	3	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	3	0	0.00	3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	6	1	0.17	3	1	0.33	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	6	1	0.17	3	1	0.33	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	5000.	5	0	0.00	2	0	0.00	3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: TIMU0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	3	0	0.00									
		Drinking Water	3.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.4	3	0	0.00	3	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						

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

Station Inventory for Station: TIMU0241

NPS Station ID: TIMU0241
LAT/LON: 30.345003/ -81.531116
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: GINHOUSE CREEK AT MONUMENT ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ARL15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	89	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	62	21.6	20.624	29.9	8.5	25.402	5.04	13.	16.8	24.725	26.67
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/20/95-12/15/98	19	350.	364.474	583.	247.	5760.819	75.9	270.	314.	389.	476.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	63	3.6	3.781	8.5	0.5	3.747	1.936	1.14	2.2	5.3	6.46
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/20/95-12/15/98	19	47.8	47.4	74.9	20.6	235.061	15.332	25.5	35.5	55.1	71.6
00400p	PH (STANDARD UNITS)	05/15/84-12/15/98	62	6.5	6.539	7.2	5.5	0.18	0.424	6.	6.1	6.925	7.1
00400p	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	62	6.5	6.339	7.2	5.5	0.22	0.469	6.	6.1	6.925	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	62	0.316	0.458	3.162	0.063	0.241	0.491	0.079	0.119	0.794	1.
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/20/95-09/07/95	3	306.	313.667	347.	288.	914.333	30.238	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/19/89-12/15/98	20	0.	0.1	2.	0.	0.2	0.447	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-07/06/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/06/93-07/06/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-07/06/93	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-07/06/93	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/06/93-07/06/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-07/06/93	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/93-07/06/93	1	134.	134.	134.	134.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/93-07/06/93	1	60.	60.	60.	60.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/13/90-04/24/95	22	6000.	9520.	30000.	340.	86274133.333	9288.387	950.	2825.	11000.	28200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/13/90-04/24/95	22	3.772	3.753	4.477	2.531	0.256	0.506	2.966	3.448	4.023	4.448
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5665.819								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	28	250.	1075.	16000.	10.	9034811.111	3005.796	76.	130.	725.	1830.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	28	2.397	2.475	4.204	1.	0.398	0.631	1.873	2.114	2.852	3.255
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			298.665								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/95-09/07/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/93-07/06/93	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/06/93-07/06/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/06/93-07/06/93	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

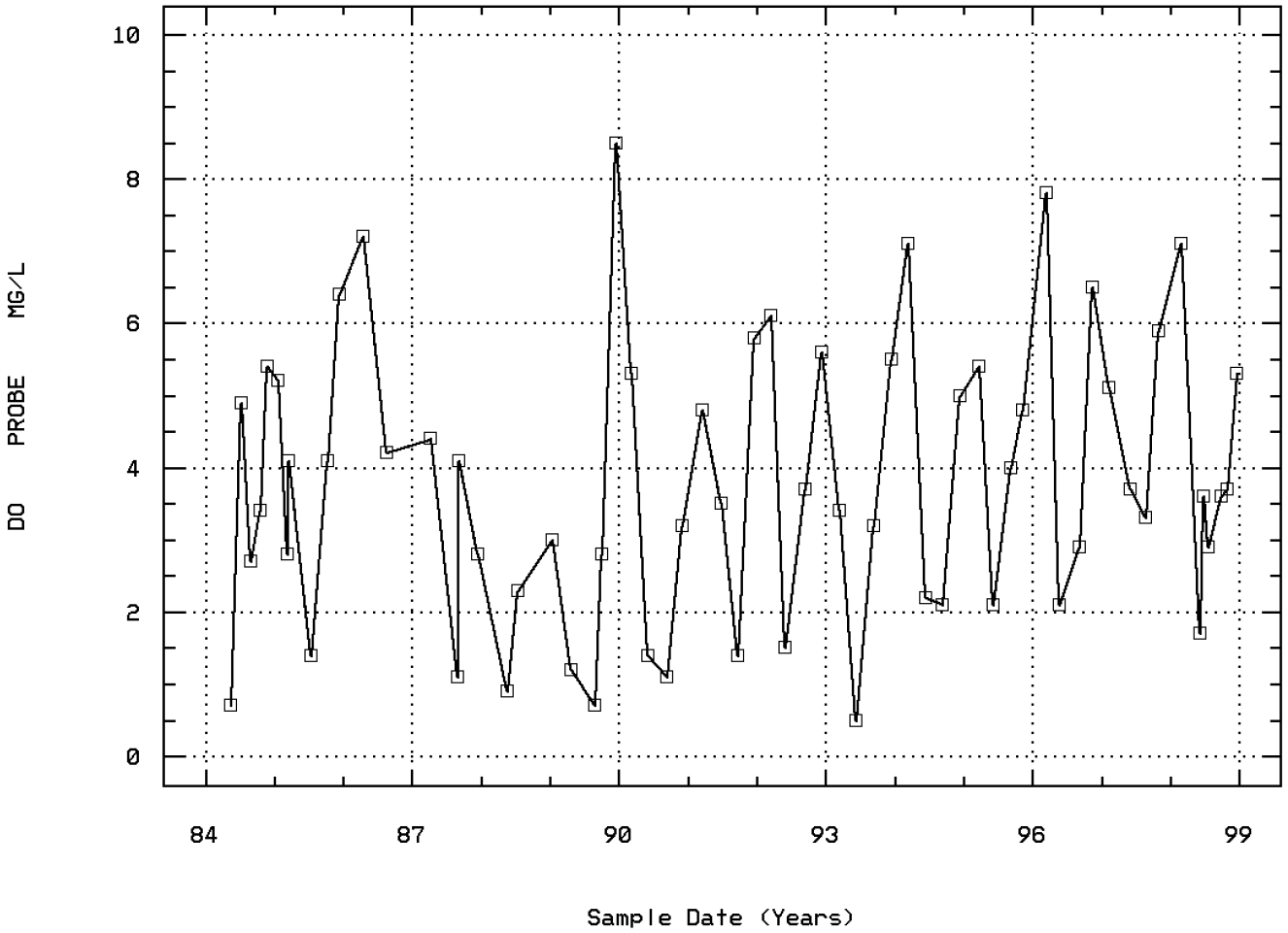
EPA Water Quality Criteria Analysis for Station: TIMU0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	36	0.57	39	31	0.79	24	5	0.21						
00400	PH	Fresh Chronic	9.	62	0	0.00	38	0	0.00	24	0	0.00						
		Other-Lo Lim.	6.5	62	34	0.55	38	16	0.42	24	18	0.75						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	20	0.91	15	13	0.87	7	7	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	15	0.54	20	11	0.55	8	4	0.50						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

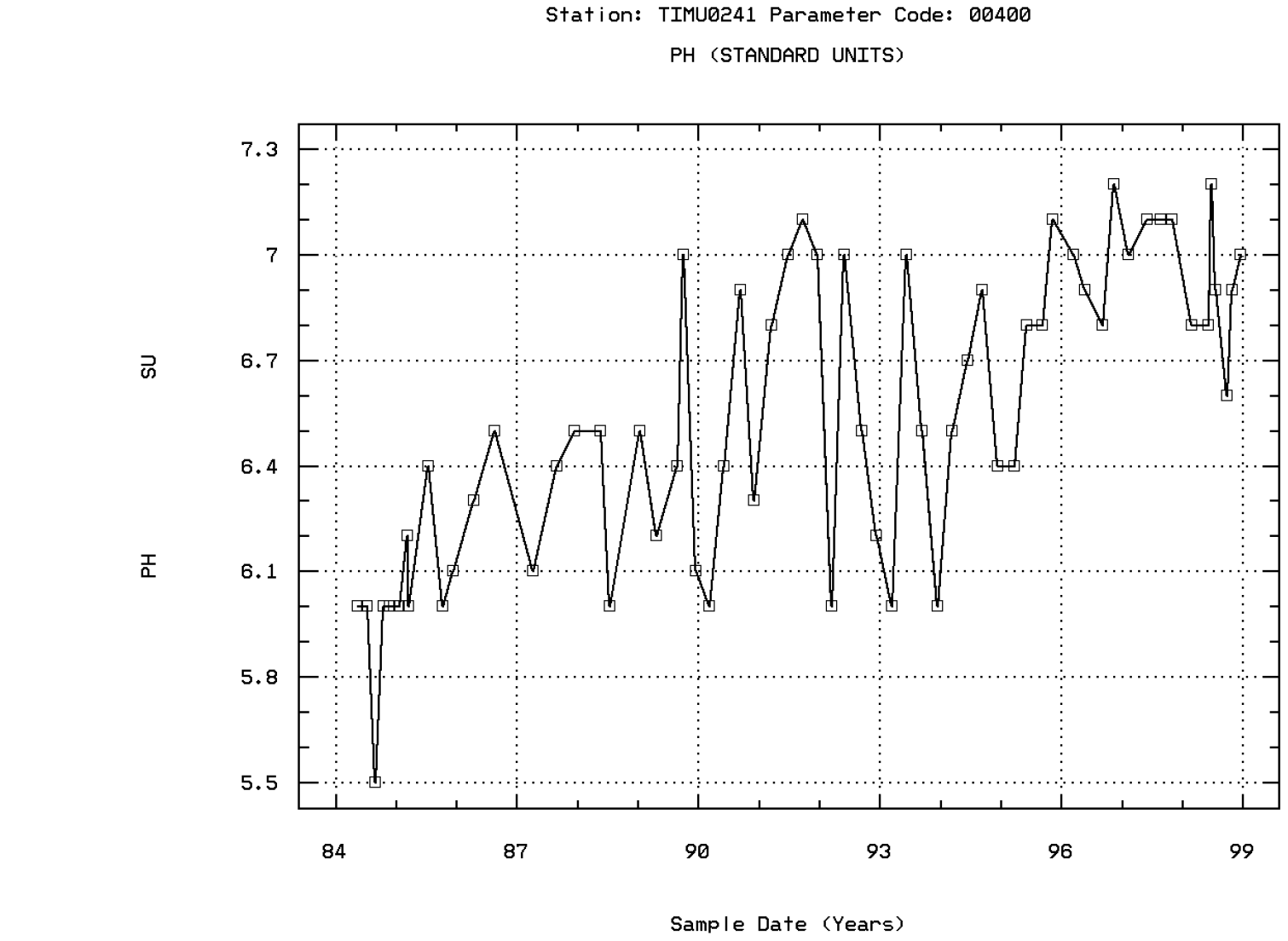
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: TIMU0241 Parameter Code: 00299

OXYGEN, DISSOLVED, ANALYSIS BY PROBE



GINHOUSE CREEK AT MONUMENT ROAD



GINHOUSE CREEK AT MONUMENT ROAD

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	57	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	38	24.2	23.75	29.9	16.	9.42	3.069	18.15	22.8	26.	27.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	39	2.9	2.9	7.2	0.5	2.615	1.617	0.9	1.4	3.7	4.9
00400	PH (STANDARD UNITS)	05/15/84-12/15/98	38	6.8	6.645	7.2	5.5	0.179	0.423	6.	6.4	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	38	6.8	6.41	7.2	5.5	0.235	0.485	6.	6.4	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	38	0.158	0.389	3.162	0.063	0.305	0.552	0.079	0.1	0.398	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	20	250.	1279.5	16000.	40.	12494952.368	3534.82	112.	132.5	725.	2870.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	20	2.397	2.534	4.204	1.602	0.348	0.59	2.049	2.122	2.852	3.452
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			342.212								

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	32	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	24	16.25	15.675	20.5	8.5	10.514	3.243	11.35	13.	18.2	20.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	24	5.3	5.212	8.5	2.8	2.325	1.525	2.9	4.175	6.025	7.45
00400	PH (STANDARD UNITS)	05/15/84-12/15/98	24	6.25	6.371	7.	6.	0.141	0.376	6.	6.	6.725	7.
00400	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	24	6.247	6.246	7.	6.	0.157	0.397	6.	6.	6.725	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	24	0.566	0.567	1.	0.1	0.127	0.357	0.1	0.198	1.	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	8	210.	563.75	1700.	10.	515483.929	717.972	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	8	2.278	2.327	3.23	1.	0.557	0.747	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			212.524								

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

Station Inventory for Station: TIMU0242

NPS Station ID: TIMU0242
LAT/LON: 30.417226/ -81.531670
Agency: 21FLSJWM
Date Created: 08/01/92
Location: BROWNS CREEK AT HECKSCHER DR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): LSJ902
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 21.00
On/Off RF1:
RF3 Index: 03080103349207.56
RF3 Mile Point: 7.56
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	4	22.5	22.125	28.6	14.9	35.636	5.97	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	4	0.7	0.8	1.3	0.5	0.147	0.383	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	4	42.5	48.75	100.	10.	1606.25	40.078	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	4	37250.	29717.5	44000.	370.	414955891.667	20370.466	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	4	6.65	6.725	8.5	5.1	1.949	1.396	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-01/18/93	4	6.85	6.65	7.4	5.5	0.657	0.81	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-01/18/93	4	6.847	6.06	7.4	5.5	1.121	1.059	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-01/18/93	4	0.142	0.872	3.162	0.04	2.335	1.528	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	59.	70.	160.	2.	5922.667	76.959	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	1.517	1.385	2.204	0.301	0.805	0.897	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.246								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	6.04	7.058	11.54	4.61	9.617	3.101	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	4.41	5.45	9.5	3.48	7.493	2.737	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	0.	0.065	0.26	0.	0.017	0.13	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	0.795	0.718	1.08	0.2	0.138	0.371	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	2.235	2.295	3.13	1.58	0.589	0.767	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	4	1.49	1.485	1.54	1.42	0.003	0.05	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	4	6.2	6.425	10.6	2.7	10.709	3.272	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-11/10/92	3	3.	2.6	3.	1.8	0.48	0.693	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	1	0.25	3	0	0.00	1	1	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	3	0	0.00	1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0243

NPS Station ID: TIMU0243
LAT/LON: 30.451115/ -81.532226
Agency: 21FLSJWM
Date Created: 08/01/92
Location: CLAPBOARD CREEK AT NEW BERLIN RD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): LSJ901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 03080103011000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-11/10/92	3	20.6	20.833	24.1	17.8	9.963	3.156	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-11/10/92	3	0.3	0.333	0.5	0.2	0.023	0.153	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-11/10/92	4	700.	700.	800.	600.	13333.333	115.47	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/10/92	3	220.	5113.333	15000.	120.	73312133.333	8562.25	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/10/92	3	2.1	2.6	3.6	2.1	0.75	0.866	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-11/10/92	3	5.6	5.5	5.9	5.	0.21	0.458	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-11/10/92	3	5.6	5.338	5.9	5.	0.249	0.499	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-11/10/92	3	2.512	4.59	10.	1.259	22.341	4.727	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/10/92	3	146.	354.	780.	136.	136132.	368.961	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/10/92	3	2.164	2.397	2.892	2.134	0.184	0.429	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			249.265								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/10/92	4	0.67	0.69	0.83	0.59	0.011	0.106	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/10/92	4	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/10/92	4	0.	0.155	0.62	0.	0.096	0.31	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/10/92	4	0.	0.125	0.5	0.	0.063	0.25	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/10/92	4	0.21	0.213	0.4	0.03	0.023	0.151	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-11/10/92	4	1.5	1.518	1.67	1.4	0.013	0.112	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-11/10/92	4	5.25	4.825	7.5	1.3	8.929	2.988	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-11/10/92	3	0.5	0.433	0.5	0.3	0.013	0.115	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	3	1.00	3	3	1.00									
00400	PH	Marine Chronic	8.5	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	3	1.00	3	3	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33	3	1	0.33									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0244

NPS Station ID: TIMU0244
LAT/LON: 30.420726/ -81.534227
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-1 IS AT BROWNS CREEK NEAR THE MOUTH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	26.	26.	27.	25.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	30.25	30.25	31.5	29.	3.125	1.768	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1855.	1855.	2100.	1610.	120050.	346.482	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0245

NPS Station ID: TIMU0245
LAT/LON: 30.366365/ -81.534531
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R CENTER MILL COVE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030028
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 6.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103063900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.65
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST. JOHNS RIVER CENTER MILL COVE

Parameter Inventory for Station: TIMU0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/17/76-11/17/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/17/76-11/17/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/17/76-11/17/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/17/76-11/17/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/17/76-11/17/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/17/76-11/17/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/76-11/17/76	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/76-11/17/76	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/17/76-11/17/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/17/76-11/17/76	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			200.								

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

EPA Water Quality Criteria Analysis for Station: TIMU0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00				1	1	1.00						

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

Station Inventory for Station: TIMU0246

NPS Station ID: TIMU0246 | LAT/LON: 30.428115/ -81.535032 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: LEFT FORK OF BROWNS CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BB_5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 5 WAS AT BROWNS CREEK ON THE LEFT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE HYPOLIMNION AND EPILIMNION WATER LAYERS. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 5 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	2	32.4	32.4	32.4	32.4	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	4	2.45	2.45	3.3	1.6	0.963	0.981	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	2	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0246

			Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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: TIMU0247

NPS Station ID: TIMU0247
LAT/LON: 30.428115/ -81.535032
Agency: 11NPSWRD
Date Created: 08/29/98
Location: LEFT FORK OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BR_5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 5 WAS AT BROWNS CREEK ON THE LEFT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 5 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/24/73-07/24/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/73-07/24/73	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	1	0.084	0.084	0.084	0.084	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0247

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0248

NPS Station ID: TIMU0248
LAT/LON: 30.421226/ -81.535087
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-2 IS AT BROWNS CREEK NEAR THE MOUTH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	26.25	26.25	27.	25.5	1.125	1.061	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1545.	1545.	1750.	1340.	84050.	289.914	**	**	**	**

** - 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

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

Station Inventory for Station: TIMU0249

NPS Station ID: TIMU0249 | LAT/LON: 30.421892/ -81.536338 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: LEFT FORK OF BROWNS CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BB_3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 3 WAS AT BROWNS CREEK ON THE LEFT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE HYPOLIMNION AND EPILIMNION WATER LAYERS. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION FOR STATION 3 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	4	30.7	30.725	31.4	30.1	0.522	0.723	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	4	12.15	12.15	17.4	6.9	36.75	6.062	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	2	1.065	1.065	1.1	1.03	0.002	0.049	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	4	6.3	6.375	7.1	5.8	0.456	0.675	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	4	16.45	15.85	20.2	10.3	25.697	5.069	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0250

NPS Station ID: TIMU0250
LAT/LON: 30.422004/ -81.536421
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-3 IS AT BROWNS CREEK NEAR THE MOUTH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	26.	26.	27.	25.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1600.	1600.	1950.	1250.	245000.	494.975	**	**	**	**

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

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

Station Inventory for Station: TIMU0251

NPS Station ID: TIMU0251
LAT/LON: 30.421949/ -81.536366
Agency: 11NPSWRD
Date Created: 08/29/98
Location: LEFT FORK OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BR_3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 3 WAS AT BROWNS CREEK ON THE LEFT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 3 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/24/73-07/24/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.78	7.78	7.78	7.78	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.78	7.78	7.78	7.78	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/73-07/24/73	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.105	0.105	0.105	0.105	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	1	0.098	0.098	0.098	0.098	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0252

NPS Station ID: TIMU0252
LAT/LON: 30.425309/ -81.537503
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-8 IS AT BROWNS CREEK AT THE MIDDLE REACH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	1	2210.	2210.	2210.	2210.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0253

NPS Station ID: TIMU0253 | LAT/LON: 30.425281/ -81.537420 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: LEFT FORK OF BROWNS CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BB_4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4 WAS AT BROWNS CREEK ON THE LEFT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE HYPOLIMNION AND EPILIMNION WATER LAYERS. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 4 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	4	31.05	31.05	31.8	30.3	0.75	0.866	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	4	5.25	5.25	7.2	3.3	5.07	2.252	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	2	0.945	0.945	0.96	0.93	0.	0.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	4	6.35	6.375	6.9	5.9	0.302	0.55	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	4	15.2	15.225	20.1	10.4	30.409	5.514	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0254

NPS Station ID: TIMU0254
LAT/LON: 30.425253/ -81.537476
Agency: 11NPSWRD
Date Created: 08/29/98
Location: LEFT FORK OF BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BR_4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4 WAS AT BROWNS CREEK ON THE LEFT FORK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 4 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/24/73-07/24/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/73-07/24/73	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.175	0.175	0.175	0.175	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	1	0.096	0.096	0.096	0.096	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0255

NPS Station ID: TIMU0255
LAT/LON: 30.421503/ -81.537531
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-4 IS AT BROWNS CREEK NEAR THE MOUTH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	26.	26.	27.	25.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1740.	1740.	2110.	1370.	273800.	523.259	**	**	**	**

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

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

Station Inventory for Station: TIMU0256

NPS Station ID: TIMU0256
LAT/LON: 30.377977/ -81.537809
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT MILL COVE ENTRANCE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	59	22.6	22.11	32.	11.	38.281	6.187	14.	16.	28.4	29.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	16	27.15	25.719	33.	14.	32.091	5.665	16.1	21.	29.925	32.3
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	57	0.	18.719	100.	0.	909.92	30.165	0.	0.	50.	71.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	58	0.76	0.773	1.6	0.	0.126	0.354	0.38	0.53	0.91	1.405
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	59	23209.	24083.847	45000.	4370.	96813494.718	9839.385	11382.	16300.	33536.	37500.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	59	7.1	6.934	9.3	4.7	1.545	1.243	5.3	5.7	8.	8.6
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	44	0.7	0.809	2.	0.	0.259	0.509	0.15	0.4	1.1	1.5
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	58	7.62	7.357	8.11	5.8	0.32	0.566	6.5	6.8	7.755	7.922
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	58	7.62	6.917	8.11	5.8	0.517	0.719	6.5	6.8	7.755	7.922
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	58	0.024	0.121	1.585	0.008	0.063	0.25	0.012	0.018	0.158	0.316
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	59	15.	15.702	31.	2.	50.715	7.121	6.5	10.	21.4	25.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	59	24.	24.475	42.	0.	85.461	9.244	14.	18.	30.	39.
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	44	0.83	0.848	1.47	0.42	0.062	0.249	0.52	0.67	1.	1.215
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	59 ##	0.03	0.037	0.17	0.	0.001	0.028	0.015	0.015	0.05	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	58	0.72	0.812	1.94	0.34	0.114	0.337	0.42	0.59	1.01	1.273
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	58	0.145	0.162	0.33	0.01	0.008	0.09	0.04	0.09	0.243	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	58	0.09	0.088	0.17	0.	0.002	0.039	0.05	0.058	0.113	0.14
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	59	8747.	8894.085	20119.	0.	17503439.32	4183.711	3624.	6248.	12121.	14808.
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	20.	20.	40.	0.	800.	28.284	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	43	130.	255.814	1300.	10.	91596.346	302.649	20.	40.	300.	500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	43	2.114	2.096	3.114	1.	0.332	0.576	1.301	1.602	2.477	2.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			124.731								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	44	40.	86.818	800.	10.	23784.989	154.224	10.	12.5	70.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	44	1.602	1.586	2.903	1.	0.258	0.508	1.	1.075	1.845	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.54								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	45	3.1	4.147	20.3	0.	26.303	5.129	0.	0.6	4.8	15.52
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	59	0.06	0.057	0.2	0.	0.002	0.041	0.015	0.02	0.08	0.12
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	15 ##	0.6	1.067	2.	0.25	0.635	0.797	0.28	0.35	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	58	7.	6.828	24.	0.	23.783	4.877	0.	3.725	8.95	12.1
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	42	4.55	5.443	12.2	0.6	7.594	2.756	2.28	3.55	7.55	9.55

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

EPA Water Quality Criteria Analysis for Station: TIMU0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	59	0	0.00	36	0	0.00	23	0	0.00						
00400	PH	Fresh Chronic	9.	58	0	0.00	35	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	58	6	0.10	35	2	0.06	23	4	0.17						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	58	0	0.00	36	0	0.00	22	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	59	58	0.98	36	36	1.00	23	22	0.96						
		Drinking Water	250.	59	58	0.98	36	36	1.00	23	22	0.96						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	43	2	0.05	25	2	0.08	18	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	44	5	0.11	26	2	0.08	18	3	0.17						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	58	0	0.00	35	0	0.00	23	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.4	22.967	28.5	16.	37.667	6.137	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.46	0.52	0.69	0.38	0.025	0.159	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	15400.	17066.667	24000.	13300.	16698666.667	4086.4	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	6.3	6.317	7.5	5.2	1.158	1.076	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.8	6.84	7.1	6.5	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.8	6.789	7.1	6.5	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.158	0.163	0.316	0.079	0.009	0.093	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	9.	10.667	16.	8.	12.267	3.502	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	30.5	31.833	42.	21.	79.767	8.931	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.05	0.052	0.06	0.05	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	1.06	1.043	1.26	0.78	0.041	0.203	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.23	0.232	0.28	0.21	0.001	0.026	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.12	0.12	0.16	0.1	0.	0.022	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	6648.	7026.833	8997.	4998.	2412127.767	1553.103	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.12	0.122	0.2	0.05	0.002	0.049	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	7.4	8.34	15.	0.	32.318	5.685	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	4.6	5.02	10.7	1.2	12.197	3.492	**	**	**	**

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

Annual Analysis for 1992 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	19.6	20.27	29.	14.2	33.638	5.8	14.23	14.5	26.625	28.8
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.61	0.608	0.91	0.	0.093	0.304	0.03	0.42	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	23750.	23799.	36000.	4370.	94948143.333	9744.134	5235.	18030.	31650.	35760.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	6.8	6.78	8.2	4.9	1.344	1.159	4.96	5.65	7.9	8.2
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.57	6.9	5.8	0.136	0.368	5.82	6.45	6.75	6.9
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.389	6.9	5.8	0.172	0.415	5.82	6.45	6.75	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.2	0.409	1.585	0.126	0.237	0.487	0.126	0.181	0.438	1.526
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	18.	17.6	31.	2.	78.489	8.859	2.5	11.5	24.25	30.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	21.5	22.9	39.	9.	70.544	8.399	9.9	18.	27.5	38.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.025	0.037	0.09	0.025	0.001	0.023	0.025	0.025	0.04	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.665	0.697	1.08	0.51	0.027	0.164	0.514	0.58	0.785	1.052
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.11	0.154	0.31	0.02	0.011	0.107	0.022	0.07	0.27	0.306
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.13	0.116	0.17	0.05	0.002	0.039	0.05	0.088	0.14	0.167
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	9197.	9437.1	16120.	1450.	19542576.544	4420.699	1819.8	6160.5	13058.5	15870.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.1	0.088	0.13	0.02	0.001	0.036	0.022	0.055	0.113	0.129
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	4.15	4.33	14.	0.	21.88	4.678	0.	0.	6.85	13.42
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	4.3	4.811	12.2	0.9	10.916	3.304	0.9	2.55	6.4	12.2

** - 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 1993 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	21.55	21.2	30.2	11.	49.951	7.068	11.75	14.35	28.8	30.02
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.725	0.737	1.45	0.	0.121	0.348	0.114	0.63	0.91	1.315
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	26150.	28532.	45000.	17900.	72156360.909	8494.49	18140.	21927.25	35937.75	42750.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	6.65	6.642	8.4	4.7	1.959	1.4	4.88	5.325	8.25	8.4
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.595	7.273	7.86	6.4	0.338	0.581	6.43	6.525	7.708	7.818
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.59	6.914	7.86	6.4	0.479	0.692	6.43	6.525	7.708	7.818

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Annual Analysis for 1993 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.026	0.122	0.398	0.014	0.023	0.15	0.015	0.02	0.3	0.374
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	18.55	19.475	29.2	13.	29.286	5.412	13.3	14.4	23.5	28.54
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	26.5	27.667	42.	14.	68.242	8.261	15.5	22.5	35.25	41.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.03	0.047	0.1	0.03	0.001	0.023	0.03	0.03	0.06	0.091
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.645	0.625	0.88	0.38	0.029	0.171	0.392	0.44	0.773	0.874
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.12	0.124	0.22	0.04	0.004	0.063	0.04	0.063	0.178	0.214
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12 ##	0.06	0.078	0.16	0.05	0.001	0.035	0.05	0.05	0.1	0.142
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	10622.	11467.333	20119.	7373.	15602419.152	3949.99	7373.	8029.	14670.25	18656.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.061	0.1	0.03	0.	0.022	0.03	0.038	0.078	0.094
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	6.	5.975	23.	0.	43.013	6.558	0.	0.	9.025	18.92

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Annual Analysis for 1994 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	22.7	23.264	29.6	14.1	29.495	5.431	14.34	18.5	27.4	29.48
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.76	0.859	1.6	0.23	0.189	0.435	0.276	0.61	1.3	1.584
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	22334.	22620.364	38329.	10064.	86382942.455	9294.242	10327.6	13557.	31833.	37470.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.1	6.964	8.8	5.	1.543	1.242	5.12	5.7	8.	8.74
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.87	7.809	8.11	7.51	0.04	0.2	7.52	7.59	7.96	8.092
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.87	7.767	8.11	7.51	0.042	0.205	7.52	7.59	7.96	8.092
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.013	0.017	0.031	0.008	0.	0.008	0.008	0.011	0.026	0.03
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	13.4	13.764	24.4	5.7	37.759	6.145	5.86	7.8	19.8	23.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	23.	22.091	36.	0.	80.891	8.994	3.6	19.	26.	34.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.03	0.031	0.07	0.	0.001	0.023	0.003	0.015	0.06	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.61	0.585	0.75	0.41	0.016	0.126	0.411	0.428	0.68	0.749
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.115	0.148	0.33	0.01	0.012	0.109	0.014	0.065	0.268	0.326
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.07	0.076	0.12	0.03	0.001	0.029	0.032	0.05	0.103	0.119
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	7748.	7429.545	13621.	0.	15646972.273	3955.625	724.8	4124.	11371.	13221.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.06	0.045	0.08	0.	0.001	0.027	0.003	0.015	0.07	0.078
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	8.5	8.764	24.	2.8	31.563	5.618	2.94	5.5	10.	21.2
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	4.	4.8	8.4	2.7	3.683	1.919	2.7	3.55	6.3	8.4

** - 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 TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	24.4	23.5	32.	13.8	44.276	6.654	14.18	17.4	29.3	32.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	67.5	67.	85.	50.	201.111	14.181	50.	50.	81.25	85.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.8	0.865	1.6	0.42	0.129	0.359	0.442	0.61	0.97	1.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	27219.	23108.182	37510.	5443.	149925910.164	12244.424	5620.4	10473.	33796.	36792.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.5	7.3	9.3	5.3	1.566	1.251	5.34	6.4	8.1	9.16
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.72	7.735	7.95	7.56	0.016	0.125	7.572	7.64	7.83	7.944
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.72	7.719	7.95	7.56	0.016	0.126	7.572	7.64	7.83	7.944
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.019	0.019	0.028	0.011	0.	0.005	0.011	0.015	0.023	0.027
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	16.7	14.218	23.8	3.	63.138	7.946	3.1	5.9	21.2	23.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	22.	23.091	38.	6.	92.491	9.617	7.8	16.	31.	37.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.015	0.023	0.05	0.015	0.	0.013	0.015	0.015	0.03	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.86	1.035	1.94	0.55	0.183	0.428	0.58	0.75	1.39	1.854
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.14	0.174	0.33	0.03	0.009	0.094	0.038	0.12	0.26	0.318
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11 ##	0.075	0.08	0.14	0.03	0.001	0.027	0.036	0.075	0.09	0.132
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	9122.	7986.182	13871.	1375.	21840761.364	4673.41	1474.8	3124.	12121.	13621.

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Annual Analysis for 1995 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11 ##	0.015	0.025	0.05	0.015	0.	0.013	0.015	0.015	0.04	0.048
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	6.5	6.7	11.	3.4	6.03	2.456	3.48	4.5	8.	10.78
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	7.2	6.26	9.9	3.	7.085	2.662	3.03	3.375	8.225	9.83

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Annual Analysis for 1996 - Station TIMU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	9	22.5	21.689	29.	12.7	44.544	6.674	12.7	14.7	28.55	29.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	9	50.	44.111	100.	2.	839.611	28.976	2.	20.	60.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	0.92	0.928	1.45	0.4	0.089	0.298	0.4	0.75	1.12	1.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	9	21759.	26128.778	41303.	13226.	114374006.444	10694.578	13226.	16878.5	38283.5	41303.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	9	7.2	7.422	8.9	5.6	1.489	1.22	5.6	6.4	8.85	8.9
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.68	7.614	7.94	7.07	0.067	0.259	7.07	7.47	7.775	7.94
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.68	7.534	7.94	7.07	0.074	0.272	7.07	7.47	7.775	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	9	0.021	0.029	0.085	0.011	0.001	0.023	0.011	0.017	0.035	0.085
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	9	13.	16.1	26.5	7.6	52.083	7.217	7.6	9.9	24.3	26.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	17.	21.667	42.	11.	101.5	10.075	11.	14.	29.	42.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.03	0.041	0.17	0.005	0.003	0.052	0.005	0.005	0.05	0.17
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	1.19	1.016	1.54	0.34	0.178	0.422	0.34	0.585	1.35	1.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.17	0.179	0.3	0.07	0.008	0.088	0.07	0.095	0.275	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.07	0.076	0.17	0.	0.003	0.055	0.	0.03	0.11	0.17
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	7373.	9004.222	14870.	4124.	18081752.194	4252.264	4124.	5248.5	14027.	14870.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.02	0.03	0.08	0.005	0.001	0.026	0.005	0.008	0.05	0.08
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	7.5	7.689	13.	4.6	6.216	2.493	4.6	5.75	8.95	13.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	6.4	6.044	9.7	0.6	7.983	2.825	0.6	3.95	8.3	9.7

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Station Inventory for Station: TIMU0257

NPS Station ID: TIMU0257 LAT/LON: 30.416699/ -81.537698 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS R AT N TIP OF BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_BI8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI8 WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL OFF THE NORTH TIP OF BLOUNT ISLAND ON THE OPPOSITE BANK A HALF MILE UPSTREAM OF THE MOUTH OF BROWNS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI8 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/73-01/15/73	1	16550.	16550.	16550.	16550.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/15/73-01/15/73	1	35.4	35.4	35.4	35.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/73-01/15/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/73-01/15/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/73-01/15/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/15/73-01/15/73	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/73-01/15/73	1	11514.	11514.	11514.	11514.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/15/73-01/15/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/73-01/15/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/73-01/15/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/15/73-01/15/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	1	1759.	1759.	1759.	1759.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/15/73-01/15/73	1	125.8	125.8	125.8	125.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/15/73-01/15/73	1	350.7	350.7	350.7	350.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/15/73-01/15/73	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/15/73-01/15/73	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/73-01/15/73	1	5460.	5460.	5460.	5460.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/15/73-01/15/73	1	1124.	1124.	1124.	1124.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/15/73-01/15/73	1	19.6	19.6	19.6	19.6	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/73-01/15/73	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/15/73-01/15/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/15/73-01/15/73	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/15/73-01/15/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/15/73-01/15/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/15/73-01/15/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/15/73-01/15/73	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/73-01/15/73	1	11499.	11499.	11499.	11499.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/73-01/15/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Marine Acute	2.1	0 &	0	0.00												

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

Station Inventory for Station: TIMU0258

NPS Station ID: TIMU0258 LAT/LON: 30.378753/ -81.537838 Agency: 11NPSWRD Date Created: 08/29/98
Location: CHANNEL BETWEEN REED AND BARTRAM ISLANDS FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_BATT_17
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 17 WAS ON ST. JOHNS RIVER IN THE CHANNEL BETWEEN REED AND BARTRAM ISLANDS SEPARATING DAMES POINT-FULTON CUTOFF AND MILL COVE OUTSIDE OF TIMUCUAN ECOLOGICAL AND HISTORICAL PRESERVE. THE RIVER WAS SAMPLED AS PART OF A STUDY BY BATTELLE FOR REYNOLDS; SMITH AND HILL TO PROVIDE "BASELINE INFORMATION ON THE BIOTA IN THE ESTUARY AND TO DETERMINE THE EFFECTS OF THE THREE ELECTRIC GENERATING STATIONS ON THE BIOTA; PRIMARILY THROUGH IMPINGEMENT; ENTRAINMENT; AND THERMAL RELEASES." THE STATION WAS SAMPLED AT THE SURFACE; MIDDLE; AND BOTTOM. THE DEPTHS WERE UNKNOWN AND; THEREFORE; ASSIGNED 0; 500; AND 999 FEET. DATA WERE PUBLISHED IN REPORT NUMBER 14591; "FINAL REPORT ON BIOLOGICAL ASSESSMENT OF WATER AND MARSH AREAS OF THE ST. JOHNS RIVER" BY ANDREW E. REHM ET AL. (17 JANUARY 1975). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NPS-WRD; 1201 OAK RIDGE DRIVE; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0258

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: TIMU0259

NPS Station ID: TIMU0259
LAT/LON: 30.424116/ -81.538337
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-7 IS AT BROWNS CREEK AT THE MIDDLE REACH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.25	27.25	27.5	27.	0.125	0.354	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1975.	1975.	2370.	1580.	312050.	558.614	**	**	**	**

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

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

Station Inventory for Station: TIMU0260

NPS Station ID: TIMU0260
LAT/LON: 30.421392/ -81.538643
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-5 IS AT BROWNS CREEK AT THE MIDDLE REACH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	1	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/15/80-07/15/80	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	07/15/80-07/15/80	1	1360.	1360.	1360.	1360.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0261

NPS Station ID: TIMU0261
LAT/LON: 30.385837/ -81.538892
Agency: 21FLA
Date Created: 05/22/82
Location: ST JOHNS NEAR MILL COVE, MARKER4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 17
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 20.800
Distance from RF1: 21.30
On/Off RF1: ON
RF3 Index: 03080103260300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.13
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER' RIVER, ST. JOHNS NEAR ENTRANCE TO MILL COVE AT MKR 43 FULTON CUTOFF

Parameter Inventory for Station: TIMU0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/21/80-09/20/83	3	5.	5.667	10.	2.	16.333	4.041	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	1	27.8	27.8	27.8	27.8	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	26800.	26800.	26800.	26800.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-09/20/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	1	1.53	1.53	1.53	1.53	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	1	350.	350.	350.	350.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/20/83-09/20/83	1	2.544	2.544	2.544	2.544	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			350.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	1.845	1.845	1.845	1.845	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	1	2.57	2.57	2.57	2.57	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-09/20/83	2	0.864	0.864	1.727	0.	1.491	1.221	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-09/20/83	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0261

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: TIMU0262

NPS Station ID: TIMU0262
LAT/LON: 30.422837/ -81.538865
Agency: 11NPSWRD
Date Created: 08/29/98
Location: BROWNS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BCK-6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BCK-6 IS AT BROWNS CREEK AT THE MIDDLE REACH INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	1	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/15/80-07/15/80	1	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	07/15/80-07/15/80	1	1370.	1370.	1370.	1370.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0263

NPS Station ID: TIMU0263
LAT/LON: 30.376948/ -81.539449
Agency: 21FLDDPU
Date Created: 09/23/95
Location: MILL COVE 1000 YDS SOUTH OF CM 43
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 20030647
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 03080103249800.00
RF3 Mile Point: 1.09
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/86-02/12/90	41	21.	20.893	29.5	9.	36.774	6.064	12.	16.	27.25	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-02/12/90	38	26850.	26293.842	43300.	1700.	86476431.001	9299.27	12285.	20950.	32425.	38398.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/86-02/12/90	40	7.3	7.265	11.2	4.	2.895	1.701	5.	5.8	8.5	9.56
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-02/12/90	40	1.6	1.68	4.	0.4	0.519	0.72	0.73	1.3	2.	2.86
00400	PH (STANDARD UNITS)	07/16/86-02/12/90	40	7.8	7.683	8.2	6.2	0.144	0.379	7.22	7.525	7.9	8.09
00400	CONVERTED PH (STANDARD UNITS)	07/16/86-02/12/90	40	7.8	7.388	8.2	6.2	0.233	0.482	7.22	7.525	7.9	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/86-02/12/90	40	0.016	0.041	0.631	0.006	0.01	0.1	0.008	0.013	0.03	0.061
00480	SALINITY - PARTS PER THOUSAND	07/16/86-02/12/90	39	18.	17.	31.	1.	49.474	7.034	6.	12.	22.	27.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-02/12/90	40	28.	29.575	70.	9.	161.122	12.693	14.2	20.	39.	44.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-02/12/90	38	0.06	0.07	0.164	0.05	0.	0.021	0.059	0.06	0.073	0.101
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/86-02/12/90	41	0.55	0.521	1.2	0.	0.101	0.317	0.02	0.3	0.78	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/86-01/16/90	38	0.1	0.132	0.41	0.005	0.009	0.092	0.05	0.05	0.2	0.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/86-02/12/90	41	0.1	0.108	0.2	0.01	0.002	0.041	0.062	0.08	0.13	0.168
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-02/12/90	38	10361.	10328.5	21656.	480.	20273248.311	4502.582	3856.9	8048.75	13027.75	15870.4
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-02/12/90	39	170.	269.872	1600.	22.	106816.115	326.827	30.	50.	300.	900.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-02/12/90	39	2.23	2.168	3.204	1.342	0.243	0.493	1.477	1.699	2.477	2.954
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			147.13								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/16/86-02/12/90	41	50.	104.049	900.	2.	25022.348	158.185	4.8	15.	150.	300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/16/86-02/12/90	41	1.699	1.625	2.954	0.301	0.424	0.651	0.662	1.172	2.172	2.477
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.17								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/11/87-04/14/87	2	5.505	5.505	6.11	4.9	0.732	0.856	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/86-02/12/90	38	9.5	10.034	23.	4.5	22.196	4.711	4.59	6.275	13.	17.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	07/16/86-02/12/90	41	5.5	6.593	15.9	1.2	11.625	3.41	3.1	4.15	8.8	11.9

** - 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: TIMU0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	40	1	0.03	22	1	0.05	18	0	0.00						
00400	PH	Fresh Chronic	9.	40	0	0.00	22	0	0.00	18	0	0.00						
		Other-Lo Lim.	6.5	40	1	0.03	22	0	0.00	18	1	0.06						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	38	0	0.00	21	0	0.00	17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	38	37	0.97	20	20	1.00	18	17	0.94						
		Drinking Water	250.	38	38	1.00	20	20	1.00	18	18	1.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	39	1	0.03	21	0	0.00	18	1	0.06						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	41	6	0.15	23	3	0.13	18	3	0.17						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	38	0	0.00	21	0	0.00	17	0	0.00						

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

Station Inventory for Station: TIMU0264

NPS Station ID: TIMU0264
LAT/LON: 30.376948/ -81.539449
Agency: 21FLA
Date Created: 03/14/87
Location: MILL COVE 1000 YDS SOUTH MARKER 43
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030647 /LSJR36
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 12
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 9.920
Distance from RF1: 1.70
On/Off RF1: ON
RF3 Index: 03080103249800.00
RF3 Mile Point: 1.09
Distance from RF3: 0.04
On/Off RF3:
Description:
ST. JOHNS RIVER (MILL COVE) APPROXIMATELY 1000 YARDS SOUTH OF MARKER 43

Parameter Inventory for Station: TIMU0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	35	10.	10.	25.	1.	36.765	6.063	2.	6.	13.	18.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/86-04/20/87	3	20.	18.667	22.	14.	17.333	4.163	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	10/27/86-04/20/87	3	1.	0.675	1.	0.025	0.317	0.563	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-07/20/88	21	10.	10.476	17.	4.6	15.481	3.935	5.1	7.2	14.	16.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/20/87	4	1.	0.95	1.1	0.7	0.037	0.191	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	22	60.	63.423	120.	0.3	1187.208	34.456	23.	37.5	87.5	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/86-04/20/87	3	19900.	20200.	21700.	19000.	1890000.	1374.773	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-05/10/88	9	27600.	24802.111	42249.	70.	144433807.611	12018.062	70.	17600.	31900.	42249.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/27/86-02/17/87	2	8.8	8.8	9.8	7.8	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/86-10/27/86	2	6.8	6.8	7.8	5.8	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/86-04/20/87	4	7.82	7.81	8.1	7.5	0.064	0.254	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/86-06/23/87	4	7.813	7.755	8.1	7.5	0.068	0.262	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/86-06/23/87	4	0.015	0.018	0.032	0.008	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/86-05/10/88	15	7.9	7.907	8.1	7.8	0.009	0.096	7.8	7.8	8.	8.04
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/86-05/10/88	15	7.9	7.897	8.1	7.8	0.009	0.097	7.8	7.8	8.	8.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/86-05/10/88	15	0.013	0.013	0.016	0.008	0.	0.003	0.009	0.01	0.016	0.016
00480	SALINITY - PARTS PER THOUSAND	10/27/86-04/20/87	3	15.	15.667	20.	12.	16.333	4.041	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/87-05/10/88	7	0.069	0.07	0.108	0.03	0.001	0.024	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/87-06/23/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/26/88-05/10/88	2	0.115	0.115	0.17	0.06	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/87-05/26/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/87-05/10/88	3	11711.	10785.333	12908.	7737.	7327454.333	2706.927	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	22	0.555	0.547	0.84	0.13	0.03	0.173	0.259	0.475	0.663	0.789
01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/27/86	2 ##	26.75	26.75	51.	2.5	1176.125	34.295	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	1.16	1.16	2.22	0.1	2.247	1.499	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/27/86	2	112.	112.	127.	97.	450.	21.213	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	2	6.32	6.32	8.3	4.34	7.841	2.8	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/20/86-10/27/86	2	357.	357.	504.	210.	43218.	207.889	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	2	9.55	9.55	12.1	7.	13.005	3.606	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	2	97.8	97.8	161.	34.6	7988.48	89.378	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/27/86	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/27/86	2 ##	32.5	32.5	45.	20.	312.5	17.678	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2	3.565	3.565	4.96	2.17	3.892	1.973	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/27/86	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**

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

Parameter Inventory for Station: TIMU0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/21/86-07/20/87	5	6.11	5.86	8.9	1.91	7.113	2.667	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	4.12	4.12	4.12	4.12	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	83.48	83.48	83.48	83.48	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/20/87-04/20/87	1	1751.	1751.	1751.	1751.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	25	20.	23.12	52.	7.	143.777	11.991	10.	13.5	33.5	42.
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	3.12	3.12	3.12	3.12	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	4.92	4.92	4.92	4.92	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/21/86-04/20/87	3	2.117	2.075	2.39	1.717	0.115	0.338	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/21/86-04/20/87	3	9.	9.667	11.	9.	1.333	1.155	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	21	0	0.00	11	0	0.00	10	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00	1	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	15	0	0.00	8	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00	8	0	0.00	7	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	3	1.00	3	3	1.00									
		Drinking Water	250.	3	3	1.00	3	3	1.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	22	0	0.00	11	0	0.00	11	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	1	0.50	2	1	0.50									
		Drinking Water	5.	2	1	0.50	2	1	0.50									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: TIMU0265

NPS Station ID: TIMU0265
LAT/LON: 30.341392/ -81.539726
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: JONES CREEK AT MONUMENT ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ARL11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0265

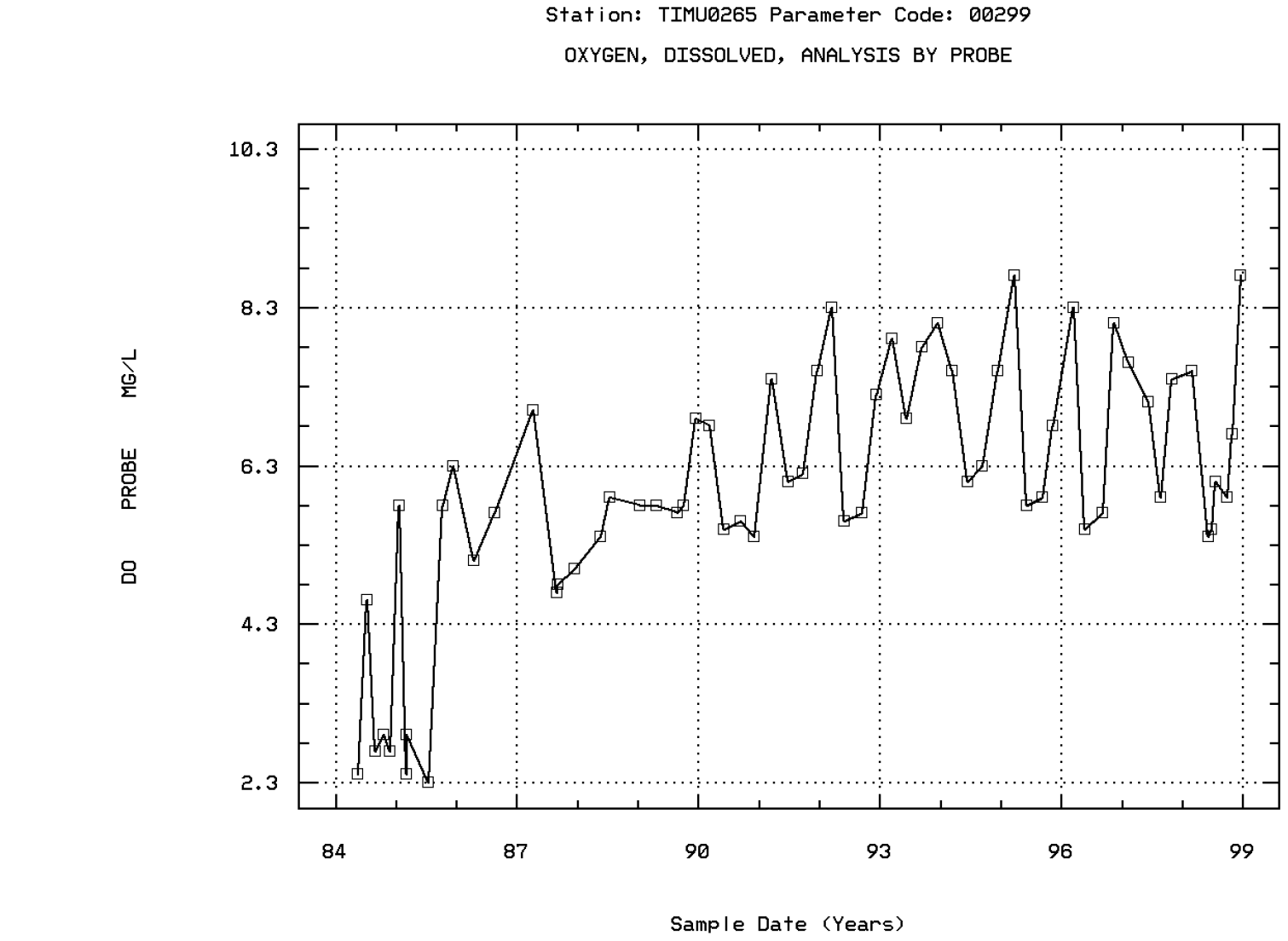
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	89	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	62	22.	21.231	28.1	7.1	22.147	4.706	14.22	17.55	25.1	26.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/20/95-12/15/98	19	243.	264.368	469.	195.	3896.801	62.424	200.	234.	297.	332.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	63	5.9	6.006	8.7	2.3	2.482	1.576	2.9	5.5	7.2	8.02
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/20/95-12/15/98	19	75.	76.242	91.	66.5	48.175	6.941	66.8	71.2	82.4	87.7
00400p	PH (STANDARD UNITS)	05/15/84-12/15/98	61	6.7	6.633	7.6	4.4	0.255	0.505	6.	6.35	7.	7.2
00400p	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	61	6.7	6.011	7.6	4.4	0.648	0.805	6.	6.35	7.	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	61	0.2	0.974	39.811	0.025	25.648	5.064	0.063	0.1	0.45	1.
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/20/95-09/07/95	3	206.	216.333	243.	200.	542.333	23.288	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/20/95-12/15/98	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-07/06/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/06/93-07/06/93	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-07/06/93	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-07/06/93	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/06/93-07/06/93	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-07/06/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/93-07/06/93	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/93-07/06/93	1	45.	45.	45.	45.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/13/90-04/24/95	22	10000.	18390.909	90000.	1300.	481417056.277	21941.218	1600.	2850.	28500.	50000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/13/90-04/24/95	22	3.998	3.96	4.954	3.114	0.311	0.558	3.188	3.453	4.455	4.699
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9120.233								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	28	1300.	4485.714	50000.	100.	111500373.545	10559.374	166.	500.	2400.	10200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	28	3.114	3.113	4.699	2.	0.405	0.636	2.219	2.699	3.38	3.96
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1298.524								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/95-09/07/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/06/93-07/06/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	07/06/93-07/06/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/06/93-07/06/93	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

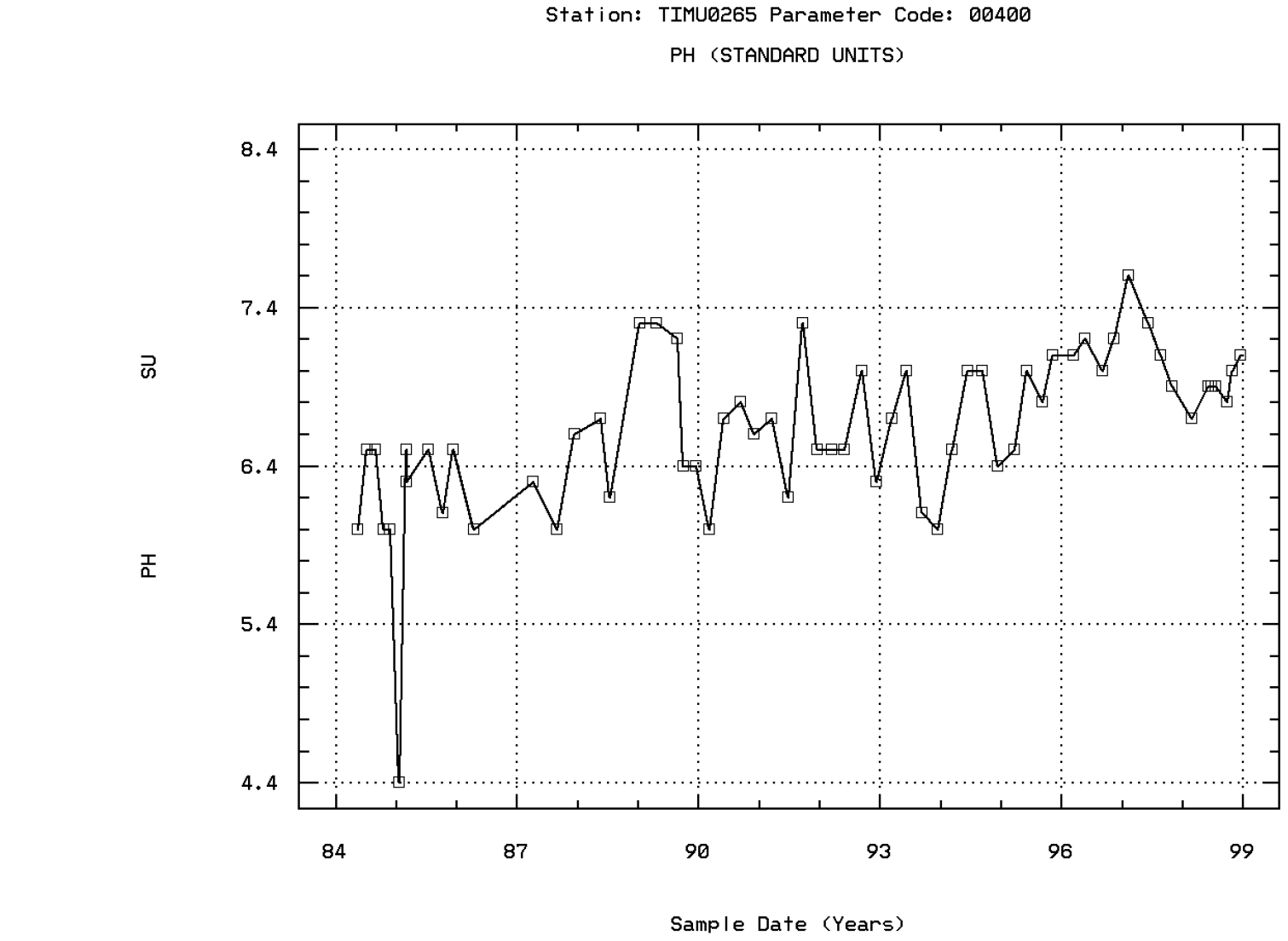
EPA Water Quality Criteria Analysis for Station: TIMU0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	7	0.11	39	4	0.10	24	3	0.13						
00400	PH	Fresh Chronic	9.	61	0	0.00	37	0	0.00	24	0	0.00						
		Other-Lo Lim.	6.5	61	28	0.46	37	13	0.35	24	15	0.63						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	22	1.00	15	15	1.00	7	7	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	25	0.89	20	19	0.95	8	6	0.75						
82079	TURBIDITY, LAB	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



JONES CREEK AT MONUMENT ROAD



JONES CREEK AT MONUMENT ROAD

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	57	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	38	24.9	24.034	28.1	16.4	8.062	2.839	19.87	22.875	26.225	26.82
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	39	5.8	5.621	8.1	2.3	1.65	1.285	2.9	5.4	6.1	7.1
00400	PH (STANDARD UNITS)	05/15/84-12/15/98	37	6.9	6.732	7.3	6.	0.177	0.42	6.	6.45	7.	7.22
00400	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	37	6.9	6.523	7.3	6.	0.222	0.471	6.	6.45	7.	7.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	37	0.126	0.3	1.	0.05	0.1	0.317	0.061	0.1	0.357	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	20	1300.	5738.5	50000.	170.	151625329.211	12313.624	300.	800.	4350.	27800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	20	3.114	3.233	4.699	2.23	0.392	0.626	2.477	2.903	3.619	4.42
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1709.25								

** - 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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/84-12/15/98	32	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/84-12/15/98	24	17.35	16.792	22.	7.1	12.223	3.496	12.05	14.15	19.375	20.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/84-12/15/98	24	7.3	6.633	8.7	2.4	3.302	1.817	2.8	5.8	7.825	8.5
00400	PH (STANDARD UNITS)	05/15/84-12/15/98	24	6.5	6.479	7.6	4.4	0.348	0.59	6.	6.3	6.7	7.2
00400	CONVERTED PH (STANDARD UNITS)	05/15/84-12/15/98	24	6.5	5.696	7.6	4.4	0.988	0.994	6.	6.3	6.7	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/84-12/15/98	24	0.316	2.014	39.811	0.025	64.889	8.055	0.065	0.2	0.501	1.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	8	500.	1353.75	5000.	100.	2823683.929	1680.382	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/84-10/28/98	8	2.699	2.815	3.699	2.	0.353	0.594	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			653.221								

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

Station Inventory for Station: TIMU0266

NPS Station ID: TIMU0266 LAT/LON: 30.385837/ -81.540005 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER NEAR MILL COVE ENTRANCE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_DER_SJR-04
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-04 WAS AT THE ST. JOHNS RIVER NEAR MILL COVE ENTRANCE AT BUOY NUMBER 4 OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	24.65	24.65	29.1	20.2	39.605	6.293	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	8950.	8950.	10400.	7500.	4205000.	2050.61	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	6.25	6.25	7.2	5.3	1.805	1.344	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.375	7.375	7.85	6.9	0.451	0.672	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.155	7.155	7.85	6.9	0.548	0.74	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.07	0.07	0.126	0.014	0.006	0.079	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	3	19.	16.333	20.	10.	30.333	5.508	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	3	50.	70.	110.	50.	1200.	34.641	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	3	96.	114.667	168.	80.	2197.333	46.876	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	3	306.	285.333	343.	207.	4944.333	70.316	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	3	125.	116.667	200.	25.	7708.333	87.797	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	3	90.	107.333	162.	70.	2341.333	48.387	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	1171.3	1171.3	1171.3	1171.3	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	515.	515.	700.	330.	68450.	261.63	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	2.682	2.682	2.845	2.519	0.053	0.231	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			480.625								

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

Parameter Inventory for Station: TIMU0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	59.5	59.5	70.	49.	220.5	14.849	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	1.768	1.768	1.845	1.69	0.012	0.11	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			58.566								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	2	0.375	0.375	0.48	0.27	0.022	0.148	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	104.	127.333	181.	97.	2172.333	46.608	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/19/82-08/09/82	2	1.571	1.571	2.42	0.722	1.442	1.201	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/19/82-08/09/82	2	5.	5.	8.	2.	18.	4.243	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	3	3	1.00	3	3	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	3	1	0.33	3	1	0.33									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0267

NPS Station ID: TIMU0267 | LAT/LON: 30.411087/ -81.540476 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BB_1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 1 WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL A HALF MILE DOWNSTREAM OF THE MOUTH OF SAN CARLOS CREEK ON THE OPPOSITE BANK OF THE RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE HYPOLIMNION AND EPILIMNION WATER LAYERS. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION FOR STATION 1 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/73-07/23/73	4	31.5	31.225	31.5	30.4	0.303	0.55	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/23/73-07/23/73	4	4.95	4.95	6.6	3.3	3.63	1.905	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/73-07/23/73	2	0.85	0.85	0.87	0.83	0.001	0.028	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/73-07/23/73	4	6.4	6.45	6.6	6.4	0.01	0.1	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/73-07/23/73	4	16.35	16.325	20.5	12.1	22.696	4.764	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: TIMU0268

NPS Station ID: TIMU0268 LAT/LON: 30.373643/ -81.540503 Agency: 21FLA Date Created: 03/20/99
Location: MILL COVE (L ST JOHNS R SURVEY STA 25 OF 27) FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): WQAS20030000003
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
SYNOPTIC SURVEY OF THE LOWER ST JOHNS RIVER DONE IN AUG AND OCT 1997 NEAR STATION RR0013 AGENCY 21FLJXWQ

Parameter Inventory for Station: TIMU0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/16/97	10	8.5	7.9	10.	4.	5.211	2.283	4.	6.25	10.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/16/97	6	55.	65.	120.	30.	1470.	38.341	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/16/97	9 ##	0.015	0.022	0.1	0.005	0.001	0.029	0.005	0.01	0.015	0.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/16/97	6	0.505	0.498	0.71	0.26	0.035	0.188	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/16/97	11	0.61	0.605	0.91	0.38	0.042	0.205	0.384	0.4	0.87	0.902
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/16/97	9	0.17	0.154	0.21	0.08	0.002	0.049	0.08	0.1	0.195	0.21
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/16/97	4	0.2	0.173	0.2	0.09	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/16/97	11	0.13	0.127	0.18	0.079	0.001	0.034	0.081	0.099	0.16	0.178
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/16/97	6	0.097	0.091	0.11	0.067	0.	0.02	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/16/97	10	7.25	7.23	11.	4.1	7.609	2.758	4.1	4.625	9.675	10.89
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/16/97	5	7800.	10500.	16000.	5500.	25920000.	5091.169	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/97-10/16/97	5	1100.	1336.	2000.	790.	282430.	531.441	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	11 ##	0.5	0.621	1.2	0.5	0.066	0.256	0.5	0.5	0.56	1.174
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	9 ##	0.5	0.507	0.56	0.5	0.	0.02	0.5	0.5	0.5	0.56
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/16/97	10	0.063	0.066	0.1	0.018	0.001	0.025	0.021	0.049	0.091	0.099
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/16/97	6	0.45	0.433	0.7	0.1	0.039	0.197	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0268

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.

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

Station Inventory for Station: TIMU0269

NPS Station ID: TIMU0269 | LAT/LON: 30.411059/ -81.540503 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_BI_1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI1 WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL MIDWAY BETWEEN SAN CARLOS CREEK AND BROWNS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI1 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/73-07/24/73	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/73-07/24/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/73-07/24/73	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/73-07/24/73	1	7.63	7.63	7.63	7.63	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/73-07/24/73	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/73-07/24/73	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.105	0.105	0.105	0.105	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/24/73-07/24/73	1	0.115	0.115	0.115	0.115	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/24/73-07/24/73	1	0.106	0.106	0.106	0.106	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/24/73-07/24/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	07/24/73-07/24/73	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	07/24/73-07/24/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/73-07/24/73	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/73-07/24/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/24/73-07/24/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	07/24/73-07/24/73	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	07/24/73-07/24/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: TIMU0270

NPS Station ID: TIMU0270 LAT/LON: 30.408503/ -81.542892 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_I
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION I WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL A QUARTER MILE DOWNSTREAM OF THE MOUTH OF SAN CARLOS CREEK ON THE OPPOSITE BANK OF THE RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) . AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM OF THE ST. JOHNS RIVER. THE STATION WAS SAMPLED AT THE SURFACE AND BOTTOM OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	8	1638.5	1638.5	3277.	0.	3068208.286	1751.63	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	4	1.4	1.325	1.6	0.9	0.116	0.34	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	4	37.	33.25	47.	12.	255.583	15.987	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	8	17.55	18.013	26.	12.6	27.324	5.227	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	4	90.	93.25	155.	38.	3768.25	61.386	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/08/74-04/23/74	8	0.77	0.717	0.84	0.42	0.025	0.158	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	8 ##	0.	0.175	0.56	0.	0.066	0.257	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	8	0.115	0.103	0.16	0.05	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	8	0.5	1.009	2.96	0.13	1.15	1.072	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	8	0.075	0.098	0.19	0.05	0.003	0.057	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	4	12.5	11.25	16.	4.	30.25	5.5	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	4	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	8	0.045	0.145	0.5	0.04	0.036	0.19	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	4	1.4	1.325	2.	0.5	0.622	0.789	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	4	0.09	0.087	0.1	0.07	0.	0.015	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	4	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	4	3.	2.675	3.	1.7	0.423	0.65	**	**	**	**

** - 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: TIMU0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Marine Acute	2.9	8	0	0.00	4	0	0.00	4	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	4	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	4	3	0.75	4	3	0.75									

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

Station Inventory for Station: TIMU0271

NPS Station ID: TIMU0271 LAT/LON: 30.408448/ -81.542865 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_10
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI10 WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL A QUARTER MILE DOWNSTREAM OF THE MOUTH OF SAN CARLOS CREEK ON THE OPPOSITE BANK OF THE RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI10 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/73-08/16/73	1	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	32.6	32.6	32.6	32.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/73-09/19/73	2	7.655	7.655	7.86	7.45	0.084	0.29	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/73-09/19/73	2	7.608	7.608	7.86	7.45	0.088	0.297	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/73-09/19/73	2	0.025	0.025	0.035	0.014	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/16/73-09/19/73	2	0.605	0.605	0.84	0.37	0.11	0.332	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-09/19/73	2 ##	0.085	0.085	0.17	0.	0.014	0.12	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.053	0.053	0.053	0.053	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-09/19/73	2	0.252	0.252	0.42	0.084	0.056	0.238	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	1	0.084	0.084	0.084	0.084	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-09/19/73	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-09/19/73	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	1	0.044	0.044	0.044	0.044	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	08/16/73-08/16/73	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	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: TIMU0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0272

NPS Station ID: TIMU0272 LAT/LON: 30.408420/ -81.542865 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_2SB
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 2SB WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL A QUARTER MILE DOWNSTREAM OF THE MOUTH OF SAN CARLOS CREEK ON THE OPPOSITE BANK OF THE RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 2SB WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/73-08/30/73	2	1638.5	1638.5	3277.	0.	5369364.5	2317.189	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/73-08/30/73	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/30/73-08/30/73	2	16.4	16.4	16.8	16.	0.32	0.566	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/73-08/30/73	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/73-08/30/73	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/73-08/30/73	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/30/73-08/30/73	2	20.65	20.65	22.1	19.2	4.205	2.051	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/30/73-08/30/73	2	45.	45.	65.	25.	800.	28.284	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/30/73-08/30/73	2	0.98	0.98	1.12	0.84	0.039	0.198	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/73-08/30/73	2 ##	0.28	0.28	0.56	0.	0.157	0.396	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/73-08/30/73	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/73-08/30/73	2	0.15	0.15	0.17	0.13	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/73-08/30/73	2	0.125	0.125	0.14	0.11	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/73-08/30/73	2	6.15	6.15	6.3	6.	0.045	0.212	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/73-08/30/73	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/73-08/30/73	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/73-08/30/73	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/73-08/30/73	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/73-08/30/73	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/73-08/30/73	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0273

NPS Station ID: TIMU0273
LAT/LON: 30.372226/ -81.543060
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: ST JOHNS RIVER AT MILL COVE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RR0013
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 03080103000500.91
RF3 Mile Point: 1.06
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/85-01/15/91	39	21.	21.515	31.	9.8	33.167	5.759	14.	15.9	26.	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/25/89-01/15/91	8	24.5	23.125	34.	3.	106.696	10.329	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/14/89-01/15/91	3	80.	86.667	100.	80.	133.333	11.547	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/14/89-01/15/91	8	5.5	6.5	10.	4.	5.429	2.33	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/15/91-01/15/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/85-01/15/91	37	2950.	8592.216	43500.	18.	140407441.508	11849.365	21.6	48.5	16800.	30120.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/85-01/15/91	39	7.6	7.467	10.8	0.6	3.431	1.852	5.	6.7	8.6	9.2
00400	PH (STANDARD UNITS)	02/19/85-01/15/91	31	7.6	7.351	8.07	6.	0.381	0.617	6.34	6.9	7.89	8.02
00400	CONVERTED PH (STANDARD UNITS)	02/19/85-01/15/91	31	7.6	6.896	8.07	6.	0.595	0.772	6.34	6.9	7.89	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/85-01/15/91	31	0.025	0.127	1.	0.009	0.049	0.222	0.01	0.013	0.126	0.464
00406	PH, FIELD, STANDARD UNITS SU	02/19/85-01/15/91	31	7.6	7.348	8.1	6.	0.372	0.61	6.34	6.9	7.9	8.
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/85-01/15/91	31	7.6	6.902	8.1	6.	0.578	0.76	6.34	6.9	7.9	8.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/85-01/15/91	31	0.025	0.125	1.	0.008	0.047	0.218	0.01	0.013	0.126	0.464
00480	SALINITY - PARTS PER THOUSAND	01/25/89-01/15/91	14	22.95	23.214	32.	18.1	20.975	4.58	18.2	18.625	26.875	30.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/85-01/15/91	27	53.	51.	113.	25.	320.846	17.912	30.8	36.	61.	69.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/85-01/15/91	27 ##	0.01	0.044	0.2	0.006	0.004	0.064	0.006	0.007	0.06	0.162
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/88-01/15/91	11	0.54	0.533	1.05	0.06	0.158	0.398	0.061	0.13	0.94	1.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/85-01/15/91	27	0.08	0.127	0.44	0.004	0.016	0.126	0.01	0.02	0.18	0.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/85-01/15/91	27	0.134	0.145	0.309	0.026	0.005	0.071	0.058	0.098	0.182	0.25
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/04/87-01/15/91	16	4250.	3672.5	7200.	160.	4027300.	2006.813	328.	2275.	5225.	6080.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/85-01/15/91	27	12400.	11176.296	18000.	280.	17736985.755	4211.53	4920.	7700.	14000.	16300.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/04/87-01/15/91	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/85-01/15/91	23	274.	349.304	1010.	76.	53249.676	230.759	136.2	199.	440.	756.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/04/87-01/15/91	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	01/15/91-01/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/02/87-01/15/91	10	3.5	38.2	290.	1.	8183.511	90.463	1.1	2.	24.	267.3
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/89-01/15/91	3	250.	360.167	830.	0.5	181120.083	425.582	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/85-01/15/91	19	22.	37.289	170.	4.	1923.009	43.852	5.5	10.	54.	110.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	05/24/88-01/15/91	9	410.	763.333	3300.	170.	973700.	986.762	170.	315.	785.	3300.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/85-01/15/91	17 ##	1.	4.471	49.	0.5	133.515	11.555	0.5	0.5	3.	13.8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/85-01/15/91	22	5.	11.568	63.	0.5	247.983	15.747	1.3	2.375	11.	40.3
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/85-01/15/91	12	51.5	51.667	140.	0.5	1912.288	43.73	0.65	6.125	85.75	125.9
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/85-01/15/91	22	25.	41.159	120.	3.	1462.89	38.248	4.45	8.	67.75	110.7
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/22/90-01/15/91	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	01/15/91-01/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/19/85-01/15/91	27	130.	529.519	2400.	1.	641373.105	800.858	1.8	46.	900.	2300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/19/85-01/15/91	27	2.114	2.067	3.38	0.	0.912	0.955	0.241	1.663	2.954	3.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			116.606								

** - Less than 9 observations ## - 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: TIMU0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/19/85-01/15/91	27	49.	224.37	2400.	1.	257465.088	507.41	1.	23.	130.	652.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/19/85-01/15/91	27	1.69	1.603	3.38	0.	0.912	0.955	0.	1.362	2.114	2.775
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.059								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-01/15/91	8 ##	0.1	0.148	0.5	0.	0.023	0.152	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/19/85-01/15/91	4	1.55	1.55	1.9	1.2	0.123	0.351	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/85-01/15/91	27	4.5	5.389	17.	2.	11.693	3.42	2.4	3.1	7.	9.48
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	02/19/85-01/15/91	8	1.4	1.438	2.1	0.7	0.228	0.478	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	39	1	0.03	22	1	0.05	17	0	0.00						
00400	PH	Marine Chronic	8.5	31	0	0.00	18	0	0.00	13	0	0.00						
		Other-Lo Lim.	6.5	31	4	0.13	18	1	0.06	13	3	0.23						
00406	PH, FIELD	Marine Chronic	8.5	31	0	0.00	18	0	0.00	13	0	0.00						
		Other-Lo Lim.	6.5	31	4	0.13	18	1	0.06	13	3	0.23						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	10	1	0.10	7	1	0.14	3	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	2 &	2	1.00	1	1	1.00	1	1	1.00						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	19	2	0.11	12	2	0.17	7	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	17	1	0.06	11	1	0.09	6	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	22	0	0.00	15	0	0.00	7	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	19 &	19	1.00	14	14	1.00	5	5	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	27	6	0.22	16	1	0.06	11	5	0.45						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	6	0.22	16	1	0.06	11	5	0.45						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	4	0	0.00	4	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	27	0	0.00	16	0	0.00	11	0	0.00						

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

Station Inventory for Station: TIMU0274

NPS Station ID: TIMU0274 LAT/LON: 30.411753/ -81.544503 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 8 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL DOWN STREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	26.	26.	29.	23.	18.	4.243	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	32.25	32.25	33.	31.5	1.125	1.061	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1725.	1725.	1800.	1650.	11250.	106.066	**	**	**	**

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

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

Station Inventory for Station: TIMU0275

NPS Station ID: TIMU0275
LAT/LON: 30.512504/ -81.544448
Agency: 21FLSJWM
Date Created: 08/01/92
Location: EDWARDS CK DNSTR OF CONF W/ SAMPLES CK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): EDC /SSJ10080
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 31.80
On/Off RF1:
RF3 Index: 03080103342603.01
RF3 Mile Point: 4.35
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0275

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077 TRANSPARENCY, SECCHI DISC (INCHES)	06/17/86-06/17/86	1	38.	38.	38.	38.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0276

NPS Station ID: TIMU0276
LAT/LON: 30.511944/ -81.544722
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: EDWARDS CREEK SECOND BEND
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0007
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 18.70
On/Off RF1:
RF3 Index: 03070205000204.12
RF3 Mile Point: 4.12
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	25	25.2	22.824	29.6	11.	34.172	5.846	14.76	16.7	28.	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/06/91	3	27.8	25.567	28.9	20.	23.543	4.852	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/14/89-03/06/91	3	40.	33.333	50.	10.	433.333	20.817	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/06/91-03/06/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	18	35054.	30641.5	46900.	4900.	199120407.559	14111.003	10489.	13717.5	43025.	46180.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	11700.	11700.	11700.	11700.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	24	6.2	6.379	11.8	4.	2.882	1.698	4.45	5.1	7.275	8.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/07/86-10/07/86	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-08/03/92	22	7.175	7.182	7.5	6.7	0.058	0.241	6.83	7.	7.42	7.5
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-08/03/92	22	7.175	7.118	7.5	6.7	0.062	0.25	6.83	7.	7.42	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-08/03/92	22	0.067	0.076	0.2	0.032	0.002	0.044	0.032	0.038	0.1	0.149
00480	SALINITY - PARTS PER THOUSAND	10/11/88-08/03/92	12	25.3	21.65	35.	6.	112.43	10.603	6.03	9.225	30.3	34.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	9	59.	69.	139.	26.	1566.75	39.582	26.	40.5	100.	139.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	17	0.023	0.028	0.09	0.002	0.001	0.026	0.004	0.006	0.043	0.077
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	8	0.503	0.676	1.5	0.015	0.324	0.569	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	17	0.015	0.031	0.15	0.002	0.002	0.04	0.003	0.005	0.05	0.102
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	13	0.099	0.109	0.205	0.027	0.003	0.056	0.032	0.058	0.157	0.195
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	13	5200.	4643.846	7400.	700.	4755825.641	2180.786	900.	2885.	6400.	7160.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	13	16000.	14114.538	22000.	2000.	39926459.436	6318.739	2720.	9150.	18900.	21200.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	14	316.5	290.893	550.	0.5	22343.776	149.478	60.25	179.	402.5	525.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	890.	890.	890.	890.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	6	2.5	2.75	7.	0.5	5.375	2.318	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/19/89-03/06/91	3	470.	956.833	2400.	0.5	1617155.083	1271.674	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	12	13.25	46.958	180.	0.5	3684.248	60.698	0.95	4.	73.5	169.8
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	7	330.	612.857	2400.	140.	644523.81	802.822	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	8 ##	0.5	9.375	67.	0.5	543.196	23.307	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	12 ##	3.75	60.083	420.	0.5	16690.174	129.19	0.5	2.	35.25	360.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-08/03/92	11	5.	47.682	200.	0.5	4952.464	70.374	0.5	0.5	111.	188.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	13	29.	69.115	260.	0.5	7461.798	86.382	1.1	4.25	125.	240.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	17	49.	66.882	300.	1.	5742.36	75.778	1.8	15.	100.	196.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-08/03/92	17	1.69	1.514	2.477	0.	0.421	0.649	0.241	1.172	1.998	2.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.637								

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

Parameter Inventory for Station: TIMU0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	17	20.	26.882	110.	1.	916.735	30.278	1.	2.	49.5	78.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	17	1.301	1.051	2.041	0.	0.486	0.697	0.	0.301	1.695	1.884
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.243								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	03/06/91-08/03/92	2	4.05	4.05	6.2	1.9	9.245	3.041	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	17	6.3	7.318	16.	2.4	17.009	4.124	2.72	3.85	11.5	13.6

** - 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: TIMU0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	24	1	0.04	17	1	0.06	7	0	0.00						
00400	PH	Marine Chronic	8.5	22	0	0.00	15	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	22	0	0.00	15	0	0.00	7	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	3	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	3	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	0	0.00	5	0	0.00	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	2 &	2	1.00	2	2	1.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	2	0.17	11	2	0.18	1	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	1	0.13	6	1	0.17	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	2	0.17	10	2	0.20	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	11 &	9	0.82	8	6	0.75	3	3	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	0	0.00	12	0	0.00	5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	0	0.00	12	0	0.00	5	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	3	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	18	26.8	25.839	29.6	17.3	12.308	3.508	19.55	22.95	28.65	29.51
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	13	39751.	38259.	46900.	27600.	51665439.667	7187.868	27720.	29250.	44000.	46580.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	17	5.5	5.876	11.8	4.	3.114	1.765	4.08	4.8	6.3	8.2
00400	PH (STANDARD UNITS)	05/15/85-08/03/92	15	7.3	7.22	7.5	6.7	0.06	0.244	6.88	7.	7.48	7.5
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-08/03/92	15	7.3	7.152	7.5	6.7	0.065	0.254	6.88	7.	7.48	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-08/03/92	15	0.05	0.071	0.2	0.032	0.002	0.045	0.032	0.033	0.1	0.14
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	12 ##	0.015	0.021	0.05	0.002	0.	0.017	0.003	0.006	0.038	0.047
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	12 ##	0.01	0.019	0.06	0.002	0.	0.02	0.003	0.005	0.02	0.06
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	10	284.	241.35	400.	0.5	14714.558	121.304	12.45	157.5	324.	393.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	11	17.5	50.409	180.	0.5	3895.491	62.414	0.8	4.	74.	173.2
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	10 ##	3.75	71.55	420.	0.5	19521.414	139.719	0.65	2.	85.	400.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	9	33.	79.444	260.	0.5	9586.59	97.911	0.5	2.75	165.	260.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	12	31.5	52.833	300.	1.	6608.879	81.295	1.3	10.75	50.	233.7
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-08/03/92	12	1.498	1.342	2.477	0.	0.463	0.68	0.09	1.028	1.699	2.303
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.978								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	12	8.	16.833	50.	1.	421.788	20.537	1.	1.25	41.75	50.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	12	0.903	0.816	1.699	0.	0.467	0.683	0.	0.075	1.593	1.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.553								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	12	6.55	8.092	16.	2.4	20.014	4.474	2.58	4.7	12.	15.1

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	7	15.9	15.071	17.	11.	4.426	2.104	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	5	11700.	10836.	14200.	4900.	12357630.	3515.342	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	7	7.3	7.6	8.2	7.1	0.287	0.535	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-08/03/92	7	7.15	7.1	7.5	6.8	0.052	0.229	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-08/03/92	7	7.15	7.052	7.5	6.8	0.055	0.235	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-08/03/92	7	0.071	0.089	0.158	0.032	0.002	0.043	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	5	0.045	0.047	0.09	0.004	0.001	0.036	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	5	0.04	0.061	0.15	0.003	0.004	0.06	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	4	455.	414.75	550.	199.	24043.583	155.06	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	4	24.25	45.875	130.	5.	3242.729	56.945	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	5	110.	100.6	170.	23.	2781.8	52.743	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-08/03/92	5	2.041	1.926	2.23	1.362	0.11	0.331	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			84.303								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	5	30.	51.	110.	22.	1477.	38.432	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	5	1.477	1.614	2.041	1.342	0.098	0.313	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.073								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	5	5.4	5.46	9.	2.8	6.888	2.624	**	**	**	**

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

Station Inventory for Station: TIMU0277

NPS Station ID: TIMU0277 LAT/LON: 30.512504/ -81.544448 Agency: 112WRD Date Created: 09/30/89
Location: EDWARDS CREEK UPSTREAM OF NASSAU RIVER NR HEDGES FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 303045081324000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 0.10 On/Off RF1:
RF3 Index: 03070205002400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/84-06/17/86	7	42600.	33314.286	48000.	6200.	281148095.238	16767.471	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/07/84-06/17/86	14	8.	7.129	9.5	4.	3.758	1.938	4.35	4.95	8.625	9.35
00400	PH (STANDARD UNITS)	03/07/84-09/10/85	7	7.3	7.199	7.54	6.6	0.091	0.302	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/07/84-09/10/85	7	7.3	7.089	7.54	6.6	0.105	0.325	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/84-09/10/85	7	0.05	0.081	0.251	0.029	0.006	0.077	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/07/84-06/17/86	11	16.	19.773	38.	3.5	130.518	11.424	5.	11.5	31.	37.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-06/17/86	8	0.046	0.061	0.165	0.017	0.002	0.048	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-06/17/86	8	0.635	0.74	1.26	0.29	0.129	0.359	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/07/84-06/17/86	8	0.02	0.023	0.05	0.007	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/07/84-06/17/86	7	0.139	0.281	0.905	0.126	0.084	0.289	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/07/84-09/10/85	6	0.057	0.08	0.186	0.05	0.003	0.053	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	1	0.07	5	1	0.20	9	0	0.00						
00400	PH	Fresh Chronic	9.	7	0	0.00	4	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	7	0	0.00	4	0	0.00	3	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	5	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: TIMU0278

NPS Station ID: TIMU0278 | LAT/LON: 30.512032/ -81.544809 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: EDWARDS CREEK AT CONFLUENCE WITH SAMPLES CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_TIM05
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 05 WAS AT EDWARDS CREEK AT CONFLUENCE WITH SAMPLES CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 07 PREVIOUSLY WAS LABELED NR7. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	48	6.	8.475	26.	0.8	51.681	7.189	1.	2.	14.5	18.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	33	22.8	22.47	29.7	15.7	36.383	6.032	15.74	15.9	29.3	29.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	22.5	23.486	31.2	17.9	20.815	4.562	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	45.	53.429	100.	0.	2058.619	45.372	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	9.5	10.943	17.3	5.3	25.943	5.093	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	0.79	0.801	1.12	0.55	0.049	0.221	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	33	38477.	33381.939	44359.	2192.	181123140.496	13458.2	2205.6	29258.	42553.	43738.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	33	6.	6.276	8.6	4.6	2.04	1.428	4.6	5.	7.85	8.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	33	77.2	80.045	91.9	70.3	52.526	7.247	70.64	74.95	87.4	91.14
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	8	1.	0.875	1.	0.5	0.054	0.231	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	33	7.44	7.428	7.69	6.93	0.031	0.175	7.166	7.345	7.585	7.61
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	33	7.44	7.389	7.69	6.93	0.032	0.18	7.166	7.345	7.585	7.61
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	33	0.036	0.041	0.117	0.02	0.	0.021	0.025	0.026	0.045	0.07
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	33	24.5	21.218	28.7	1.2	77.442	8.8	1.2	18.15	27.4	28.24
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	8	21.5	19.75	26.	11.	26.786	5.175	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	8	0.02	0.03	0.088	0.005	0.001	0.029	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	8	0.422	0.638	1.87	0.236	0.273	0.522	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	8	0.067	0.072	0.113	0.06	0.	0.017	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	8	4820.	4026.25	6030.	203.	3881135.071	1970.06	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	7	598000.	508085.714	742000.	35600.57	797118095.238	240410.312	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	8	14079.5	11630.125	15492.	524.	27506159.839	5244.632	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	7	519.	612.286	1030.	270.	87261.571	295.401	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	6 ##	1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	7	1280.	1272.571	2340.	758.	292649.286	540.971	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	7 ##	1.5	1.786	2.5	1.5	0.238	0.488	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	7 ##	10.	17.286	32.	10.	90.905	9.534	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	8	0.026	0.028	0.049	0.013	0.	0.01	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	6	8.4	8.833	16.2	5.	15.543	3.942	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	33	0	0.00	23	0	0.00	10	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	33	0	0.00	23	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	33	0	0.00	23	0	0.00	10	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	7	0	0.00	5	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	5	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	7	0	0.00	5	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	5	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	5	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	0	0.00	5	0	0.00	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	5	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	5	0	0.00	1	0	0.00						

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

Station Inventory for Station: TIMU0279

NPS Station ID: TIMU0279 | LAT/LON: 30.511726/ -81.544865 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: EDWARDS CREEK AT SAMPLES CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR07
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR07 WAS AT EDWARDS CREEK AT THE CONFLUENCE OF SAMPLES CREEK; STARRETT CREEK; AND EDWARDS CREEK AT MID-CHANNEL INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	26	1.35	3.281	20.	0.3	19.549	4.421	0.3	0.3	5.25	8.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	5	29.5	29.54	29.6	29.5	0.003	0.055	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	5	39608.	39631.2	39751.	39581.	4621.7	67.983	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	4	4.4	6.15	11.8	4.	14.33	3.785	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	2	66.7	66.7	73.3	60.1	87.12	9.334	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	5	7.31	7.308	7.32	7.3	0.	0.008	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	5	7.31	7.308	7.32	7.3	0.	0.008	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	5	0.049	0.049	0.05	0.048	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	5	25.3	25.32	25.4	25.3	0.002	0.045	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	1.59	1.397	1.65	0.95	0.151	0.388	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	2	0.50	4	2	0.50									
00406	PH, FIELD	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									

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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	20	0.3	2.165	6.	0.3	5.329	2.308	0.3	0.3	4.	6.

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	6	5.5	7.	20.	0.3	55.916	7.478	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0280

NPS Station ID: TIMU0280 LAT/LON: 30.411560/ -81.545449 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-7
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 7 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL DOWNSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	28.5	28.5	30.	27.	4.5	2.121	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	29.	29.	31.5	26.5	12.5	3.536	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2240.	2240.	2820.	1660.	672800.	820.244	**	**	**	**

** - 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 time series plot

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

Station Inventory for Station: TIMU0281

NPS Station ID: TIMU0281 LAT/LON: 30.409809/ -81.545476 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL DOWNSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	26.5	26.5	27.	26.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2065.	2065.	2670.	1460.	732050.	855.599	**	**	**	**

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

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

Station Inventory for Station: TIMU0282

NPS Station ID: TIMU0282
LAT/LON: 30.407365/ -81.545892
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT CM4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	57	22.2	22.039	34.	11.	37.911	6.157	13.94	16.75	28.	30.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	14	27.5	25.693	33.	14.	33.902	5.823	15.5	20.6	30.075	32.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	57	0.	17.93	100.	0.	855.888	29.256	0.	0.	40.	70.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	57	0.91	0.878	1.75	0.	0.121	0.348	0.516	0.65	1.01	1.378
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	57	27400.	27132.368	47500.	7101.	85322881.487	9237.039	16290.	20300.	33865.5	39652.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	57	6.8	6.689	9.	4.6	1.566	1.251	4.98	5.4	7.8	8.42
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	43	0.8	0.777	2.	0.	0.236	0.485	0.1	0.5	1.	1.52
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	56	7.615	7.364	8.09	6.	0.314	0.56	6.5	6.8	7.758	7.953
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	56	7.615	6.953	8.09	6.	0.486	0.697	6.5	6.8	7.757	7.953
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	56	0.024	0.112	1.	0.008	0.039	0.198	0.011	0.017	0.158	0.316
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	57	18.	18.054	31.	4.	42.3	6.504	9.5	13.45	22.8	27.12
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	58	21.	22.155	52.	0.	85.046	9.222	12.	16.75	26.25	33.1
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	43	0.72	0.769	1.31	0.35	0.056	0.236	0.478	0.57	0.93	1.12
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	57 ##	0.03	0.037	0.18	0.	0.001	0.029	0.015	0.015	0.05	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	57	0.62	0.707	1.91	0.	0.114	0.338	0.398	0.515	0.795	1.17
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	56	0.135	0.149	0.3	0.01	0.006	0.08	0.04	0.09	0.21	0.263
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	57	0.075	0.084	0.4	0.	0.004	0.063	0.038	0.05	0.1	0.12
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	4	422.	449.75	658.	297.	24219.583	155.626	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	58	9622.	9884.414	18619.	0.	17960263.896	4237.955	4524.	7310.5	13433.5	14942.5
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	4 ##	2.5	39.625	151.	2.5	5513.063	74.25	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	4 ##	2.5	2.5	3.	2.	0.167	0.408	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	4	372.	372.75	397.	350.	401.583	20.04	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-12/04/96	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	20.	20.	40.	0.	800.	28.284	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	42	110.	264.048	2400.	10.	207653.949	455.691	13.	40.	270.	800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	42	2.041	2.003	3.38	1.	0.379	0.616	1.09	1.602	2.431	2.903
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			100.65								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	43	20.	47.442	260.	10.	3548.062	59.566	10.	10.	40.	136.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	43	1.301	1.433	2.415	1.	0.189	0.434	1.	1.	1.602	2.133

** - Less than 9 observations ## - 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: TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.13								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	45	0.	0.176	4.8	0.	0.712	0.844	0.	0.	0.	0.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	57	0.05	0.05	0.12	0.	0.001	0.031	0.015	0.03	0.07	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	15 ##	0.45	1.007	2.	0.15	0.714	0.845	0.21	0.3	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	57	5.6	5.233	21.	0.	12.53	3.54	0.	3.15	6.85	8.7
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	41	8.4	7.905	10.8	3.6	2.597	1.612	5.86	6.7	9.05	9.82

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

EPA Water Quality Criteria Analysis for Station: TIMU0282

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	57	0	0.00	34	0	0.00	23	0	0.00						
00400	PH	Fresh Chronic	9.	56	0	0.00	33	0	0.00	23	0	0.00						
		Other-Lo Lim.	6.5	56	7	0.13	33	3	0.09	23	4	0.17						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	56	0	0.00	34	0	0.00	22	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	58	56	0.97	35	34	0.97	23	22	0.96						
		Drinking Water	250.	58	56	0.97	35	34	0.97	23	22	0.96						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	15.	3	0	0.00	1	0	0.00	2	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	42	3	0.07	24	2	0.08	18	1	0.06						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	2	0.05	25	1	0.04	18	1	0.06						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	57	0	0.00	34	0	0.00	23	0	0.00						

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

Annual Analysis for 1991 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	22.2	22.48	28.	16.2	30.132	5.489	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.69	0.656	0.91	0.46	0.03	0.174	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	20500.	22440.	31100.	18500.	24988000.	4998.8	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	5.4	6.	7.8	5.2	1.205	1.098	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	4	6.9	6.825	7.	6.5	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	4	6.889	6.773	7.	6.5	0.059	0.244	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	4	0.129	0.169	0.316	0.1	0.01	0.102	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	14.	14.6	20.	12.	9.8	3.13	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	24.	21.6	26.	15.	20.3	4.506	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	0.99	0.894	1.13	0.62	0.045	0.211	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	0.19	0.21	0.28	0.15	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	0.1	0.11	0.15	0.1	0.	0.022	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	7998.	8827.4	13746.	6398.	8047745.8	2836.855	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	0.09	0.09	0.12	0.06	0.001	0.022	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	5.5	5.2	9.	0.	11.745	3.427	**	**	**	**

** - 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

Annual Analysis for 1992 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	19.35	20.35	28.5	14.2	32.076	5.664	14.26	14.95	27.1	28.45
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.765	0.7	0.91	0.	0.079	0.281	0.061	0.61	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	26300.	25633.	38400.	7250.	85835334.444	9264.736	8243.	18770.	33325.	38020.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	6.9	6.79	8.1	4.9	1.228	1.108	4.97	5.75	7.825	8.08
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.57	6.9	6.	0.102	0.32	6.	6.375	6.8	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	6.7	6.443	6.9	6.	0.12	0.347	6.	6.375	6.8	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.2	0.361	1.	0.126	0.116	0.341	0.129	0.158	0.487	1.
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	18.	19.2	31.	5.	63.733	7.983	5.6	13.25	25.75	30.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	10	20.	19.9	31.	13.	33.656	5.801	13.1	14.	24.25	30.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10	## 0.028	0.039	0.07	0.025	0.	0.02	0.025	0.025	0.063	0.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.6	0.632	0.89	0.42	0.028	0.168	0.424	0.483	0.805	0.886
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.12	0.134	0.25	0.02	0.007	0.086	0.022	0.055	0.218	0.249
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.105	0.142	0.4	0.05	0.014	0.12	0.05	0.05	0.17	0.392
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	10	10072.	10501.8	17370.	2499.	18586926.178	4311.256	2986.4	7391.75	13902.	17107.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.08	0.077	0.12	0.02	0.001	0.033	0.02	0.058	0.1	0.118
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	3.2	2.84	6.1	0.	7.08	2.661	0.	0.	5.425	6.1

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

Annual Analysis for 1993 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	21.75	21.625	30.7	11.	50.553	7.11	11.9	14.675	29.125	30.52
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.91	0.804	1.14	0.	0.088	0.296	0.159	0.76	0.91	1.119
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	28400.	29707.	47500.	17300.	97296143.455	9863.881	17720.	20969.25	38075.	46402.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	6.7	6.492	8.5	4.6	2.024	1.423	4.66	4.95	7.575	8.47
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.565	7.288	7.79	6.5	0.308	0.555	6.5	6.55	7.73	7.784
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.565	6.956	7.79	6.5	0.429	0.655	6.5	6.55	7.73	7.784
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.027	0.111	0.316	0.016	0.018	0.134	0.016	0.019	0.287	0.316
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	20.35	20.583	31.	13.	32.298	5.683	13.3	15.775	24.9	30.19

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Annual Analysis for 1993 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	22.	24.333	43.	18.	52.788	7.266	18.	19.	27.5	39.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.03	0.045	0.11	0.03	0.001	0.025	0.03	0.03	0.06	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.615	0.565	0.78	0.32	0.02	0.142	0.332	0.44	0.648	0.762
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.115	0.131	0.21	0.03	0.004	0.061	0.042	0.09	0.205	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12 ##	0.05	0.063	0.1	0.05	0.	0.022	0.05	0.05	0.09	0.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	11933.5	11977.5	18619.	7373.	14621999.	3823.872	7485.5	7841.5	14888.75	17869.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.057	0.09	0.03	0.	0.018	0.03	0.038	0.068	0.084
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	2.8	4.783	21.	0.	35.969	5.997	0.	0.	7.5	17.25

** - 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 1994 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	10	22.8	22.94	30.2	13.7	29.498	5.431	14.03	17.6	27.65	29.96
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.91	1.043	1.75	0.53	0.187	0.432	0.538	0.723	1.508	1.743
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	10	25682.	26905.4	39809.	13162.	69228956.711	8320.394	13778.2	20269.	34275.75	39359.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	10	6.85	6.68	8.6	5.	1.54	1.241	5.01	5.325	7.575	8.55
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.905	7.844	8.09	7.51	0.045	0.213	7.514	7.625	8.018	8.088
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	10	7.904	7.795	8.09	7.51	0.048	0.219	7.514	7.625	8.018	8.088
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	10	0.012	0.016	0.031	0.008	0.	0.008	0.008	0.01	0.024	0.031
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	10	16.55	16.76	25.4	7.6	31.036	5.571	7.99	12.1	21.525	25.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	20.	18.	34.	0.	115.4	10.742	0.	12.	24.	33.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	10 ##	0.023	0.028	0.07	0.	0.	0.022	0.002	0.015	0.038	0.069
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.505	0.485	0.78	0.	0.043	0.208	0.039	0.398	0.585	0.771
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.11	0.141	0.3	0.01	0.011	0.105	0.01	0.06	0.26	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.055	0.061	0.11	0.	0.001	0.034	0.003	0.038	0.093	0.109
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	7123.	7622.636	14620.	0.	23018977.655	4797.81	0.	4624.	11746.	14170.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10 ##	0.03	0.036	0.07	0.	0.001	0.023	0.002	0.015	0.06	0.069
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	10	5.55	5.7	10.	2.5	4.489	2.119	2.6	4.1	6.975	9.72

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

Annual Analysis for 1995 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	24.6	23.555	34.	13.5	47.921	6.922	13.94	16.8	29.8	33.4
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	67.5	67.	100.	40.	273.333	16.533	41.	57.5	76.25	98.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.84	0.876	1.7	0.45	0.114	0.338	0.466	0.61	1.02	1.574
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	29323.	25923.545	36760.	7101.	104386278.673	10216.96	7980.2	18210.	34237.	36492.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.2	6.9	8.3	5.1	1.28	1.131	5.14	5.9	7.9	8.22
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.74	7.728	7.95	7.61	0.009	0.093	7.616	7.65	7.76	7.916
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.74	7.72	7.95	7.61	0.009	0.093	7.616	7.65	7.76	7.916
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.018	0.019	0.025	0.011	0.	0.004	0.012	0.017	0.022	0.024
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	20.4	16.627	25.1	4.	52.138	7.221	4.52	10.7	22.3	24.74
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	22.	24.	39.	11.	73.4	8.567	11.8	16.	30.	37.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.015	0.022	0.05	0.015	0.	0.013	0.015	0.015	0.03	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.7	0.87	1.91	0.54	0.178	0.422	0.54	0.6	1.16	1.784
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.13	0.146	0.28	0.02	0.006	0.079	0.028	0.09	0.21	0.272
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11 ##	0.075	0.076	0.1	0.03	0.	0.019	0.036	0.075	0.09	0.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	11371.	9337.909	13871.	2374.	18152260.691	4260.547	2624.	4873.	13121.	13771.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.03	0.025	0.04	0.015	0.	0.01	0.015	0.015	0.03	0.04
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	6.	6.536	11.	3.5	4.831	2.198	3.6	5.	8.2	10.54

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

Annual Analysis for 1996 - Station TIMU0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	9	21.9	21.367	30.1	12.4	43.	6.557	12.4	14.95	27.8	30.1
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	9	40.	39.111	80.	2.	642.111	25.34	2.	20.	60.	80.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	1.16	1.118	1.55	0.45	0.094	0.307	0.45	0.99	1.31	1.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	9	27890.	29702.	44100.	14930.	110037124.25	10489.858	14930.	20419.	40749.5	44100.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	9	6.9	6.978	9.	4.8	2.339	1.53	4.8	5.65	8.65	9.
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.62	7.606	7.96	7.11	0.059	0.243	7.11	7.48	7.745	7.96
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.62	7.537	7.96	7.11	0.065	0.254	7.11	7.48	7.745	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	9	0.024	0.029	0.078	0.011	0.	0.02	0.011	0.018	0.034	0.078
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	9	17.1	18.511	28.5	8.7	51.181	7.154	8.7	12.15	26.1	28.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	21.	24.889	52.	11.	198.861	14.102	11.	14.5	35.5	52.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.02	0.047	0.18	0.005	0.003	0.057	0.005	0.005	0.07	0.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	0.89	0.926	1.85	0.18	0.236	0.486	0.18	0.585	1.215	1.85
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.16	0.167	0.28	0.04	0.007	0.085	0.04	0.095	0.255	0.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.06	0.069	0.18	0.01	0.002	0.05	0.01	0.038	0.085	0.18
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	9622.	10427.222	15620.	4873.	15941008.194	3992.619	4873.	6872.5	14870.5	15620.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.04	0.036	0.1	0.005	0.001	0.03	0.005	0.005	0.05	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	6.4	6.4	8.7	4.3	1.725	1.313	4.3	5.5	7.15	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

Station Inventory for Station: TIMU0283

NPS Station ID: TIMU0283
LAT/LON: 30.410837/ -81.546116
Agency: 21FLA
Date Created: 10/04/97
Location: ST JOHNS R 50 YDS E JEA N POD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030564
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST JOHNS RIVER BLOUNT ISLAND CHANNEL 50 YARDS EASTOF OF DISCHARGE AND 30 FEET FROM NORTH BANK OF THE RIVER.
JACKSONVILLE ELECTRIC AUTHORITY NORTHSIDE POINT TEST SITE NUMBER 2 FOR THE JEA NORTHSIDE 5TH YEAR INSPECTION.

Parameter Inventory for Station: TIMU0283

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0284

NPS Station ID: TIMU0284 LAT/LON: 30.410198/ -81.546670 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 5 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL DOWNSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.75	27.75	29.	26.5	3.125	1.768	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	27.5	27.5	28.	27.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2525.	2525.	2750.	2300.	101250.	318.198	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0285

NPS Station ID: TIMU0285
LAT/LON: 30.415837/ -81.546810
Agency: 11NPSWRD
Date Created: 08/29/98
Location: RIGHT FORK SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SC_4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4 WAS AT THE RIGHT FORK OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 4 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	44.4	44.4	44.4	44.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0286

NPS Station ID: TIMU0286 LAT/LON: 30.409448/ -81.546949 Agency: 21FLA Date Created: 03/14/87
Location: BLOUNT ISLAND CHANNEL NEAR JEA/POWER PK EFF FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20030646 /LSJR35
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 30 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080103250200.00 RF3 Mile Point: 0.43 Distance from RF3: 0.05 On/Off RF3:
Description:
ST. JOHNS RIVER (BLOUNT ISLAND CHANNEL) NEAR JEA NORTHSIDE AND POWER PARK EFFLUENTS

Parameter Inventory for Station: TIMU0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/22/86-09/29/97	19	10.	12.379	33.	0.2	147.862	12.16	1.	2.	28.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-11/30/87	5	19.	20.34	29.	14.	32.878	5.734	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/24/86-11/30/87	4	1.5	1.5	2.5	0.5	0.833	0.913	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/86-11/30/87	5	7.1	7.62	12.	5.	7.272	2.697	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/86-11/30/87	5	1.1	1.15	1.5	0.7	0.1	0.316	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/24/86-11/30/87	5	50.	58.	120.	30.	1270.	35.637	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	23000.	24460.	34300.	17100.	38963000.	6242.035	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/86-11/30/87	5	31300.	28820.	32400.	23700.	17017000.	4125.167	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/86-11/30/87	5	7.3	7.56	9.2	5.8	1.583	1.258	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/24/86-11/30/87	5	7.6	7.36	8.7	5.5	1.343	1.159	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/24/86-11/30/87	5	0.7	0.82	1.3	0.6	0.087	0.295	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/86-11/30/87	5	7.8	7.86	8.2	7.7	0.043	0.207	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/86-11/30/87	5	7.8	7.826	8.2	7.7	0.044	0.211	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	5	0.016	0.015	0.02	0.006	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/86-11/30/87	5	8.	7.96	8.	7.9	0.003	0.055	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/86-11/30/87	5	8.	7.957	8.	7.9	0.003	0.055	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-11/30/87	5	0.01	0.011	0.013	0.01	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/24/86-11/30/87	5	16.	17.	22.	12.	14.	3.742	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	13.	15.4	24.	10.	35.3	5.941	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	2.	5.8	19.	1.	58.7	7.662	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/24/86-11/30/87	5	10.	9.6	13.	5.	8.8	2.966	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/24/86-11/30/87	5 ##	0.03	0.047	0.076	0.03	0.001	0.023	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/24/86-11/30/87	5	0.571	0.569	0.673	0.385	0.013	0.113	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/24/86-11/30/87	5	0.18	0.162	0.24	0.08	0.004	0.063	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/86-11/30/87	4	0.153	0.18	0.398	0.015	0.032	0.179	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/86-11/30/87	5	11790.	10928.4	12368.	8668.	2800460.8	1673.458	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/24/86-11/30/87	5	0.67	0.648	0.73	0.49	0.009	0.092	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/24/86-10/27/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/27/86	2	0.48	0.48	0.59	0.37	0.024	0.156	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/24/86-10/27/86	2	83.5	83.5	111.	56.	1512.5	38.891	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/86-10/27/86	2	10.865	10.865	18.2	3.53	107.604	10.373	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/24/86-10/27/86	2	173.	173.	178.	168.	50.	7.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/24/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/22/86-10/27/86	2	18.6	18.6	31.4	5.8	327.68	18.102	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/86-10/27/86	2	84.15	84.15	137.	31.3	5586.245	74.741	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/24/86-10/27/86	2 ##	8.	8.	11.	5.	18.	4.243	**	**	**	**

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

Parameter Inventory for Station: TIMU0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	09/24/86-10/27/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/27/86	2	5.725	5.725	8.75	2.7	18.301	4.278	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/24/86-10/27/86	2 ##	8.75	8.75	15.	2.5	78.125	8.839	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/89-11/07/89	1	43.	43.	43.	43.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/89-11/07/89	1	1.633	1.633	1.633	1.633	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/24/86-11/30/87	5	130.	280.	800.	20.	98250.	313.449	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/24/86-11/30/87	5	2.114	2.178	2.903	1.301	0.361	0.601	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			150.726								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/07/89-11/07/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/07/89-11/07/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			10.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5	70.	60.4	140.	1.	3590.3	59.919	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/24/86-11/30/87	5	1.845	1.189	2.146	0.	1.19	1.091	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.456								
31639	ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	11/07/89-11/07/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31639	LOG ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	11/07/89-11/07/89	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31639	GM ENTEROCOCCI GROUP D,MF TRANS,M-E,EIA #/100ML	GEOMETRIC MEAN =			7.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/07/89-11/07/89	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/07/89-11/07/89	1	1.903	1.903	1.903	1.903	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			80.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/86-11/07/89	7	7.12	6.669	12.55	1.07	22.344	4.727	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	26.64	26.64	26.64	26.64	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	44.8	44.8	44.8	44.8	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/15/87-04/15/87	1	23519.	23519.	23519.	23519.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/24/86-11/30/87	5	31.	30.8	33.	28.	3.7	1.924	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	11.96	11.96	11.96	11.96	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	16.44	16.44	16.44	16.44	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	10.18	10.18	10.18	10.18	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	1.94	1.94	1.94	1.94	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/24/86-04/15/87	3	3.217	2.549	4.042	0.388	3.673	1.916	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/24/86-04/15/87	3	19.	20.333	32.	10.	122.333	11.06	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	3	3	1.00	2	2	1.00						
		Drinking Water	250.	5	5	1.00	3	3	1.00	2	2	1.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									

& - 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: TIMU0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00	2	0	0.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00	2	0	0.00						

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

Station Inventory for Station: TIMU0287

NPS Station ID: TIMU0287 LAT/LON: 30.406087/ -81.547920 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL UPSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.5	27.5	28.5	26.5	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	28.25	28.25	31.5	25.	21.125	4.596	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2025.	2025.	2330.	1720.	186050.	431.335	**	**	**	**

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

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

Station Inventory for Station: TIMU0288

NPS Station ID: TIMU0288 LAT/LON: 30.408142/ -81.547643 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_BI_9
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BI9 WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL AT THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION BI9 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/73-08/16/73	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	36.7	36.7	36.7	36.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/73-09/19/73	2	7.76	7.76	7.87	7.65	0.024	0.156	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/73-09/19/73	2	7.746	7.746	7.87	7.65	0.025	0.157	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/73-09/19/73	2	0.018	0.018	0.022	0.013	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/16/73-09/19/73	2	0.675	0.675	1.12	0.23	0.396	0.629	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-09/19/73	2 ##	0.055	0.055	0.11	0.	0.006	0.078	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.054	0.054	0.054	0.054	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-09/19/73	2	0.26	0.26	0.44	0.08	0.065	0.255	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	1	0.088	0.088	0.088	0.088	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-09/19/73	2	12.2	12.2	12.4	12.	0.08	0.283	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-09/19/73	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: TIMU0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	1	100.	100.	100.	100.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	08/16/73-08/16/73	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	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: TIMU0288

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0289

NPS Station ID: TIMU0289 | LAT/LON: 30.407976/ -81.548003 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST JOHNS RIVER AT THE MOUTH OF SAN CARLOS CREEK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_BATT_09
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 09 WAS ON ST. JOHNS RIVER AT THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF TIMUCUAN ECOLOGICAL AND HISTORICAL PRESERVE. THE RIVER WAS SAMPLED AS PART OF A STUDY BY BATTELLE FOR REYNOLDS; SMITH; AND HILL TO PROVIDE "BASELINE INFORMATION ON THE BIOTA IN THE ESTUARY AND TO DETERMINE THE EFFECTS OF THE THREE ELECTRIC GENERATING STATIONS ON THE BIOTA; PRIMARILY THROUGH IMPINGEMENT; ENTRAINMENT; AND THERMAL RELEASES." THE STATION WAS SAMPLED AT THE SURFACE; MIDDLE; AND BOTTOM. THE DEPTHS WERE UNKNOWN AND; THEREFORE; ASSIGNED 0; 500; AND 999 FEET. DATA WERE PUBLISHED IN REPORT NUMBER 14591; "FINAL REPORT ON BIOLOGICAL ASSESSMENT OF WATER AND MARSH AREAS OF THE ST. JOHNS RIVER" BY ANDREW E. REHM ET AL. (17 JANUARY 1975). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0289

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: TIMU0290

NPS Station ID: TIMU0290 | LAT/LON: 30.412420/ -81.548476 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: SAN CARLOS CREEK AT HECKSCHER DRIVE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_SC_4S
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4S WAS AT SAN CARLOS CREEK AT HECKSCHER DRIVE OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 4S WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	28.3	28.3	28.3	28.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0291

NPS Station ID: TIMU0291 | LAT/LON: 30.412448/ -81.548449 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: SAN CARLOS CREEK AT HECKSCHER DRIVE | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_SC_5
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 5 WAS AT SAN CARLOS CREEK AT HECKSCHER DRIVE OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 5 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	80.5	80.5	80.5	80.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	27.2	27.2	27.2	27.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0292

NPS Station ID: TIMU0292
LAT/LON: 30.412865/ -81.548281
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-3 IS AT SAN CARLOS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.6	27.6	28.	27.2	0.32	0.566	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	26.5	26.5	28.	25.	4.5	2.121	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	3110.	3110.	3150.	3070.	3200.	56.569	**	**	**	**

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

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

Station Inventory for Station: TIMU0293

NPS Station ID: TIMU0293 LAT/LON: 30.406281/ -81.548559 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 3 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL UPSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.25	27.25	28.	26.5	1.125	1.061	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	28.25	28.25	31.5	25.	21.125	4.596	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1965.	1965.	2830.	1100.	1496450.	1223.295	**	**	**	**

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

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

Station Inventory for Station: TIMU0294

NPS Station ID: TIMU0294
LAT/LON: 30.411809/ -81.548781
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-2 IS AT SAN CARLOS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.6	27.6	28.	27.2	0.32	0.566	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2980.	2980.	3070.	2890.	16200.	127.279	**	**	**	**

** - 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 time series plot

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

Station Inventory for Station: TIMU0295

NPS Station ID: TIMU0295 LAT/LON: 30.407781/ -81.548892 Agency: 11NPSWRD Date Created: 08/29/98
Location: SAN CARLOS CREEK AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_DER_SJR-05
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-05 WAS AT SAN CARLOS CREEK MOUTH CONFLUENT WITH BLOUNT ISLAND CHANNEL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	25.4	25.4	29.7	21.1	36.98	6.081	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	15.9	15.9	16.5	15.3	0.72	0.849	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	10550.	10550.	11600.	9500.	2205000.	1484.924	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	5.85	5.85	6.2	5.5	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.25	7.25	7.5	7.	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.182	7.182	7.5	7.	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.066	0.066	0.1	0.032	0.002	0.048	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	3	19.	18.	30.	5.	157.	12.53	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	3	110.	88.333	130.	25.	3108.333	55.752	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	3	112.	115.	141.	92.	607.	24.637	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	3	450.	380.333	484.	207.	22822.333	151.071	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	3 ##	50.	91.667	200.	25.	8958.333	94.648	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	3	130.	124.333	169.	74.	2280.333	47.753	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	5032.	5032.	5032.	5032.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	1095.	1095.	1400.	790.	186050.	431.335	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	3.022	3.022	3.146	2.898	0.031	0.176	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1051.665								

** - Less than 9 observations ## - 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: TIMU0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	87.	87.	95.	79.	128.	11.314	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	1.938	1.938	1.978	1.898	0.003	0.057	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			86.631								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	2	0.55	0.55	0.61	0.49	0.007	0.085	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	452.	528.333	994.	139.	187126.333	432.581	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	3 ##	0.05	0.133	0.3	0.05	0.021	0.144	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/19/82-08/09/82	2	1.017	1.017	1.17	0.863	0.047	0.217	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/19/82-08/09/82	2	4.	4.	4.	4.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	3	3	1.00	3	3	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	3	2	0.67	3	2	0.67									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0296

NPS Station ID: TIMU0296 LAT/LON: 30.403948/ -81.548781 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 2 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL UPSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.25	27.25	28.	26.5	1.125	1.061	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	28.25	28.25	31.5	25.	21.125	4.596	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2040.	2040.	2960.	1120.	1692800.	1301.076	**	**	**	**

** - 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 time series plot

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

Station Inventory for Station: TIMU0297

NPS Station ID: TIMU0297
LAT/LON: 30.407642/ -81.548892
Agency: 21FLA
Date Created: 05/22/82
Location: SAN CARLOS CK AT ST JOHNS RIVER
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030020
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 10
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 12.590
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103250200.00
RF3 Mile Point: 0.32
Distance from RF3: 0.05
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER' CREEK, SAN CARLOS MOUTH OF SAN CARLOS CREEK AT ENTRANCE TO ST JOHNS RIVER

Parameter Inventory for Station: TIMU0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/19/80-09/20/83	3	14.	11.667	14.	7.	16.333	4.041	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/83-09/20/83	1	27.8	27.8	27.8	27.8	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	26200.	26200.	26200.	26200.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/83-09/20/83	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/83-09/20/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/20/83-09/20/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-09/20/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	1	0.183	0.183	0.183	0.183	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/20/83-09/20/83	1	920.	920.	920.	920.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/20/83-09/20/83	1	2.964	2.964	2.964	2.964	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			920.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	330.	330.	330.	330.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	2.519	2.519	2.519	2.519	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			330.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	1	4.01	4.01	4.01	4.01	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	01/17/83-09/20/83	2	2.471	2.471	2.646	2.296	0.061	0.247	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	01/17/83-09/20/83	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
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	1	1.00	1	1	1.00									

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

Station Inventory for Station: TIMU0298

NPS Station ID: TIMU0298
LAT/LON: 30.410281/ -81.549448
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-1 IS AT SAN CARLOS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.6	27.6	28.	27.2	0.32	0.566	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2770.	2770.	3430.	2110.	871200.	933.381	**	**	**	**

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

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

Station Inventory for Station: TIMU0299

NPS Station ID: TIMU0299
LAT/LON: 30.413892/ -81.549392
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-4 IS AT SAN CARLOS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/15/80-07/15/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	07/15/80-07/15/80	1	4050.	4050.	4050.	4050.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0300

NPS Station ID: TIMU0300 LAT/LON: 30.408503/ -81.549531 Agency: 11NPSWRD Date Created: 08/29/98
Location: SAN CARLOS CREEK AT CONFLUENCE WITH NICHOLS CK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_SC_6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 6 WAS AT SAN CARLOS CREEK AT THE CONFLUENCE OF SAN CARLOS CREEK AND NICHOLS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 6 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	50.4	50.4	50.4	50.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0300

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0301

NPS Station ID: TIMU0301 LAT/LON: 30.404281/ -81.549670 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_JEA_EP2-1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 1 IN REACH EP2 IS AT THE ST. JOHNS RIVER AT THE BLOUNT ISLAND CHANNEL UPSTREAM FROM THE MOUTH OF SAN CARLOS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.25	27.25	28.	26.5	1.125	1.061	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	28.25	28.25	31.5	25.	21.125	4.596	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2275.	2275.	2820.	1730.	594050.	770.746	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0302

NPS Station ID: TIMU0302
LAT/LON: 30.383337/ -81.550004
Agency: 1113S050
Date Created: / /
Location: ST JOHNS R E FULTON-DAME CUTOFF
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111035
RMI-Indexes: 0320500
Within Park Boundary: No
RMI-Miles: 0008.70
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 10.630
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103255200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
MID-STREAM AT NAVIGATION MARKER NO. 35

Parameter Inventory for Station: TIMU0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	15	16.	15.4	18.	12.	3.114	1.765	12.	14.	17.	17.4
00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	8	47.5	43.75	70.	15.	383.929	19.594	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	15	23400.	26873.333	48800.	5100.	141103523.81	11878.7	11520.	18200.	37200.	47120.
00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	15	7.6	7.5	9.1	5.5	0.613	0.783	6.4	7.1	7.9	8.62
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	15	83.6	82.753	94.7	64.1	77.764	8.818	67.7	77.7	90.8	93.44
00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	0.8	0.733	1.3	0.1	0.111	0.333	0.16	0.5	1.	1.18
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	15	1.4	1.527	2.6	0.9	0.251	0.501	0.96	1.1	2.	2.42
00400	PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.6	7.633	7.9	7.3	0.03	0.172	7.36	7.5	7.8	7.84
00400	CONVERTED PH (STANDARD UNITS)	02/01/67-03/27/67	15	7.6	7.601	7.9	7.3	0.031	0.175	7.36	7.5	7.8	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/67-03/27/67	15	0.025	0.025	0.05	0.013	0.	0.01	0.015	0.016	0.032	0.044
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	15	86.	89.8	115.	64.	234.886	15.326	70.	78.	102.	113.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/10/67-03/09/67	6	0.175	0.188	0.36	0.09	0.008	0.092	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/10/67-03/09/67	6	0.42	0.397	0.62	0.18	0.022	0.148	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/10/67-03/09/67	6	0.09	0.092	0.15	0.01	0.003	0.051	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/10/67-03/09/67	6	0.175	0.18	0.27	0.07	0.005	0.071	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/10/67-03/09/67	6	0.17	0.153	0.22	0.07	0.005	0.069	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	15	8650.	10130.	18600.	1700.	22948857.143	4790.497	4220.	6450.	14200.	18240.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	14	1550.	6285.714	54000.	50.	199401964.835	14120.976	140.	675.	3700.	33500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/03/67-03/27/67	14	3.188	3.218	4.732	1.699	0.552	0.743	2.03	2.803	3.561	4.423
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1651.086								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	490.	777.857	2300.	20.	567464.286	753.302	50.	215.	1150.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	14	2.69	2.643	3.362	1.301	0.323	0.568	1.602	2.329	3.06	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			439.092								

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

EPA Water Quality Criteria Analysis for Station: TIMU0302

Parameter				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00				15	0	0.00						
00400	PH	Fresh Chronic	9.	15	0	0.00				15	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00				15	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: TIMU0302

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00				6	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	15	1.00				15	15	1.00						
		Drinking Water	250.	15	15	1.00				15	15	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	10	0.71				14	10	0.71						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	11	0.79				14	11	0.79						

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

Station Inventory for Station: TIMU0303

NPS Station ID: TIMU0303 | LAT/LON: 30.542865/ -81.550392 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: NASSAU RIVER AT LOFTON CREEK | FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR09
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR09 WAS AT THE NASSAU RIVER MID-CHANNEL AT THE MOUTH OF LOFTON CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	29	2.	4.721	17.	0.3	27.425	5.237	0.3	0.3	8.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	2	29.2	29.2	29.3	29.1	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	2	35526.	35526.	35896.	35156.	273800.	523.259	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	2	4.25	4.25	4.4	4.1	0.045	0.212	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	2	62.35	62.35	64.6	60.1	10.125	3.182	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	2	7.245	7.245	7.26	7.23	0.	0.021	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	2	7.245	7.245	7.26	7.23	0.	0.021	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	2	0.057	0.057	0.059	0.055	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	2	22.4	22.4	22.7	22.1	0.18	0.424	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	1.16	1.113	1.23	0.95	0.021	0.146	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-05/15/85	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-05/15/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-05/15/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-05/15/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: TIMU0303

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	20	1.15	4.15	17.	0.3	26.971	5.193	0.3	0.3	8.	14.4

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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	9	8.	5.989	16.	0.3	29.309	5.414	0.3	0.3	9.	16.

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

Station Inventory for Station: TIMU0304

NPS Station ID: TIMU0304
LAT/LON: 30.414170/ -81.550948
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-5 IS AT SAN CARLOS CREEK NEAR THE NORTHSIDE GENERATING STATION OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.6	27.6	28.	27.2	0.32	0.566	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	26.25	26.25	28.	24.5	6.125	2.475	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	4220.	4220.	4340.	4100.	28800.	169.706	**	**	**	**

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

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0305

NPS Station ID: TIMU0305
LAT/LON: 30.408170/ -81.550781
Agency: 11NPSWRD
Date Created: 08/29/98
Location: MOUTH OF NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NI_3N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 3N WAS AT NICHOLS CREEK AT THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 3N WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	08/30/73-08/30/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/30/73-08/30/73	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/73-08/30/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/73-08/30/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/73-08/30/73	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/30/73-08/30/73	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/30/73-08/30/73	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/30/73-08/30/73	1	1.68	1.68	1.68	1.68	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/73-08/30/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/30/73-08/30/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/73-08/30/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/73-08/30/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/73-08/30/73	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/73-08/30/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/73-08/30/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/73-08/30/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/73-08/30/73	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/73-08/30/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/73-08/30/73	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0306

NPS Station ID: TIMU0306
LAT/LON: 30.545837/ -81.551393
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: LOFTON CREEK AT MOUTH
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0009
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 03070205067100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	29	25.2	23.024	29.3	11.6	27.038	5.2	15.9	18.	27.35	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/05/91	4	24.7	24.85	29.	21.	10.757	3.28	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/14/89-03/05/91	4	15.	20.	50.	0.	466.667	21.602	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/14/89-03/05/91	4	12.	9.5	12.	2.	25.	5.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	29	35156.	32977.655	50000.	1100.	164043952.591	12807.964	12500.	24150.	44700.	47000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	14100.	14100.	14100.	14100.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	30	6.35	6.353	9.1	4.1	1.561	1.249	4.72	5.275	7.35	8.08
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	25	7.39	7.256	7.8	6.2	0.192	0.438	6.38	7.1	7.56	7.664
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	25	7.39	6.971	7.8	6.2	0.277	0.526	6.38	7.1	7.56	7.664
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	25	0.041	0.107	0.631	0.016	0.029	0.17	0.022	0.028	0.082	0.442
00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	16	25.95	24.238	30.8	12.2	46.525	6.821	13.32	17.375	30.2	30.66
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	9	62.	66.889	118.	42.	632.111	25.142	42.	46.5	85.	118.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	18	0.019	0.036	0.13	0.002	0.002	0.04	0.004	0.006	0.062	0.104
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	8	0.716	0.75	1.3	0.21	0.162	0.403	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	18 ##	0.018	0.029	0.16	0.001	0.001	0.038	0.003	0.005	0.04	0.079
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	13	0.11	0.12	0.22	0.049	0.003	0.054	0.056	0.071	0.166	0.214
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	13	4600.	4343.846	6400.	160.	3158225.641	1777.14	1056.	3180.	5850.	6240.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	13	13996.	13331.154	21000.	340.	30156396.641	5491.484	3404.	9700.	17750.	20200.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	05/15/85-05/15/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	14	257.5	267.893	850.	0.5	43760.161	209.189	1.25	136.25	347.25	615.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	05/15/85-05/15/85	1 ##	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/15/85-05/15/85	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	730.	730.	730.	730.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	6 ##	1.75	1.917	4.	0.5	2.142	1.463	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	2 ##	180.25	180.25	360.	0.5	64620.125	254.205	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	12	15.75	47.167	170.	0.5	3234.561	56.873	1.55	9.25	79.5	161.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	6	535.	1310.	4300.	260.	2520080.	1587.476	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7 ##	0.5	9.214	57.	0.5	445.155	21.099	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	11	5.	42.636	220.	0.5	5651.055	75.173	0.6	1.5	44.	208.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	10 ##	4.5	28.35	170.	0.5	2855.058	53.433	0.5	0.5	34.5	159.3
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	13	19.5	77.808	300.	0.5	10314.272	101.559	0.5	6.	150.	276.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	17	33.	141.059	1100.	1.	68772.684	262.245	1.8	21.5	150.	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 time series plot

Parameter Inventory for Station: TIMU0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	17	1.519	1.642	3.041	0.	0.587	0.766	0.241	1.331	2.172	2.566
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.827								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	18	23.	39.889	110.	1.	1394.34	37.341	1.	11.5	80.	110.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	18	1.362	1.306	2.041	0.	0.42	0.648	0.	1.047	1.903	2.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.228								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	6	4.75	3.9	6.	0.7	4.42	2.102	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	18	6.6	6.967	12.8	3.3	7.253	2.693	3.48	4.85	8.4	12.08

** - 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: TIMU0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	30	0	0.00	21	0	0.00	9	0	0.00						
00400	PH	Marine Chronic	8.5	25	0	0.00	17	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	25	3	0.12	17	0	0.00	8	3	0.38						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	3	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	3	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	0	0.00	5	0	0.00	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1 &	1	1.00	1	1	1.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	2	0.17	10	2	0.20	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	1	0.14	6	1	0.17	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	1	0.09	9	1	0.11	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	12 &	10	0.83	9	7	0.78	3	3	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	1	0.06	11	1	0.09	6	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	0	0.00	12	0	0.00	6	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	3	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	18	0	0.00	12	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	21	26.	25.781	29.3	20.1	7.299	2.702	21.26	24.	28.	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	20	41250.	37937.6	50000.	12500.	114467751.411	10698.96	14330.	31325.	46550.	47270.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	21	5.8	5.729	7.6	4.1	0.742	0.861	4.46	5.05	6.45	6.6
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	17	7.3	7.349	7.8	6.8	0.082	0.286	6.88	7.2	7.61	7.696
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	17	7.3	7.258	7.8	6.8	0.091	0.301	6.88	7.2	7.61	7.696
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	17	0.05	0.055	0.158	0.016	0.002	0.04	0.02	0.025	0.063	0.132
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	12 ##	0.012	0.03	0.101	0.002	0.001	0.037	0.003	0.006	0.053	0.101
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	12 ##	0.013	0.021	0.07	0.001	0.001	0.023	0.002	0.005	0.03	0.067
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	10	247.	214.05	357.	0.5	19237.803	138.7	0.65	71.75	341.	355.7
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	10	28.25	54.5	170.	0.5	3594.333	59.953	0.85	8.5	98.	167.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	9	13.	51.833	220.	0.5	6540.437	80.873	0.5	2.5	102.	220.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	9	83.	107.889	300.	0.5	12147.299	110.215	0.5	3.75	205.	300.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	11	50.	183.909	1100.	1.	102297.491	319.84	1.2	20.	270.	936.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	11	1.699	1.666	3.041	0.	0.828	0.91	0.06	1.301	2.431	2.923
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.346								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	22.5	35.167	90.	1.	1042.515	32.288	1.	6.5	72.5	87.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	1.352	1.215	1.954	0.	0.515	0.717	0.	0.551	1.852	1.939
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.422								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	12	6.95	7.283	12.8	3.5	5.329	2.308	3.95	6.175	8.075	11.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	8	15.9	15.788	19.5	11.6	4.647	2.156	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	9	23300.	21955.556	39200.	1100.	104117777.778	10203.812	1100.	17500.	25500.	39200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	9	7.7	7.811	9.1	7.2	0.389	0.623	7.2	7.25	8.2	9.1
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	8	7.445	7.059	7.57	6.2	0.406	0.638	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	8	7.442	6.664	7.57	6.2	0.584	0.764	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	8	0.036	0.217	0.631	0.027	0.075	0.274	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	6	0.036	0.047	0.13	0.004	0.002	0.047	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	6 ##	0.03	0.046	0.16	0.003	0.003	0.058	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	4	305.	402.5	850.	150.	98091.667	313.196	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	4	8.	10.125	19.5	5.	41.729	6.46	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	6	31.5	62.5	170.	9.	4032.3	63.5	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	6	1.498	1.597	2.23	0.954	0.218	0.466	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.559								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	28.	49.333	110.	7.	2286.667	47.819	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	1.44	1.487	2.041	0.845	0.237	0.486	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.691								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	6	4.7	6.333	12.	3.3	12.215	3.495	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0307

NPS Station ID: TIMU0307
LAT/LON: 30.415420/ -81.551809
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SC_3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 3 WAS AT SAN CARLOS CREEK AT THE JACKSONVILLE ELECTRIC AUTHORITY NORTHSIDE GENERATING STATION OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 3 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0307

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0308

NPS Station ID: TIMU0308
LAT/LON: 30.415031/ -81.551753
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-6 IS AT SAN CARLOS CREEK NEAR THE NORTHSIDE GENERATING STATION OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.6	27.6	28.	27.2	0.32	0.566	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	27.	27.	29.	25.	8.	2.828	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	3760.	3760.	4020.	3500.	135200.	367.696	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0309

NPS Station ID: TIMU0309
LAT/LON: 30.394421/ -81.552171
Agency: 11NPSWRD
Date Created: 08/29/98
Location: ST. JOHNS RIVER AT YELLOW BLUFF FORT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_BI_BI1/BI11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION WAS AT THE ST. JOHNS RIVER AT BLOUNT ISLAND CHANNEL OFF THE BANK OF THE YELLOW BLUFF FORT STATE HISTORICAL SITE OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF THIS STATION WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/73-01/15/73	1	15050.	15050.	15050.	15050.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/15/73-01/15/73	1	38.9	38.9	38.9	38.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/73-01/15/73	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/73-01/15/73	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/73-01/15/73	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/15/73-01/15/73	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/73-01/15/73	1	10194.	10194.	10194.	10194.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/15/73-01/15/73	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/73-01/15/73	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/73-01/15/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/15/73-01/15/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/73-01/15/73	1	1684.	1684.	1684.	1684.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/15/73-01/15/73	1	124.4	124.4	124.4	124.4	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/15/73-01/15/73	1	333.2	333.2	333.2	333.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/15/73-01/15/73	1	2750.	2750.	2750.	2750.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/15/73-01/15/73	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/15/73-01/15/73	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/15/73-01/15/73	1	988.	988.	988.	988.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/15/73-01/15/73	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/73-01/15/73	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/15/73-01/15/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/15/73-01/15/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/15/73-01/15/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	01/15/73-01/15/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/15/73-01/15/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/15/73-01/15/73	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/15/73-01/15/73	1	10170.	10170.	10170.	10170.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/73-01/15/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0309

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Marine Acute	2.1	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0310

NPS Station ID: TIMU0310
LAT/LON: 30.390865/ -81.552226
Agency: 21FLA
Date Created: 08/26/95
Location: SJR BIC NORTH BLOUNT IS WWTP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030546
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST. JOHNS RIVER BLOUNT ISLAND CHANNEL 100 YARDS NORTH OF JPA BLOUNT ISLAND WWTP POD
THIS STATION IS A TEST SITE FOR THE JPA FIFTH YEAR STUDY

Parameter Inventory for Station: TIMU0310

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0311

NPS Station ID: TIMU0311
LAT/LON: 30.407727/ -81.552448
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-1 IS AT NICHOLS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0311

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	27.	27.	29.	25.	8.	2.828	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1855.	1855.	1880.	1830.	1250.	35.355	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0312

NPS Station ID: TIMU0312
LAT/LON: 30.406837/ -81.552616
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-2 IS AT NICHOLS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	27.	27.	29.	25.	8.	2.828	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1755.	1755.	1910.	1600.	48050.	219.203	**	**	**	**

** - 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

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0313

NPS Station ID: TIMU0313
LAT/LON: 30.406059/ -81.552392
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-3 IS AT NICHOLS CREEK NEAR THE MOUTH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	2160.	2160.	2350.	1970.	72200.	268.701	**	**	**	**

** - 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 time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0314

NPS Station ID: TIMU0314
LAT/LON: 30.406393/ -81.552782
Agency: 112WRD
Date Created: 01/21/84
Location: NICHOLS CREEK CEIP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302423081331001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 19.960
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103349200.23
RF3 Mile Point: 0.77
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-03/08/84	3	16.	15.667	18.5	12.5	9.083	3.014	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	6	6.05	5.983	9.	3.2	4.682	2.164	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	6	62.5	57.833	72.	35.	218.167	14.77	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/83-03/08/84	4	19500.	18475.	22500.	12400.	19069166.667	4366.826	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/02/84-03/08/84	2	9.3	9.3	10.	8.6	0.98	0.99	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/83-03/08/84	4	7.8	7.9	8.4	7.6	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/83-03/08/84	4	7.8	7.818	8.4	7.6	0.129	0.359	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/83-03/08/84	4	0.016	0.015	0.025	0.004	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/83-03/08/84	6	7.7	7.767	8.1	7.5	0.075	0.273	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/83-03/08/84	6	7.7	7.702	8.1	7.5	0.08	0.282	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/83-03/08/84	6	0.02	0.02	0.032	0.008	0.	0.011	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-03/08/84	2	1.245	1.245	1.8	0.69	0.616	0.785	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	5	0.08	0.074	0.1	0.04	0.	0.022	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	5	0.07	0.078	0.11	0.04	0.001	0.031	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	5	0.01	0.036	0.1	0.005	0.002	0.043	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	5	0.7	0.96	1.7	0.4	0.358	0.598	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	5	0.4	0.3	0.6	0.	0.08	0.283	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	5	0.9	1.22	2.1	0.7	0.332	0.576	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	5	0.1	0.12	0.2	0.05	0.006	0.076	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	5 ##	0.05	0.09	0.2	0.05	0.004	0.065	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	5	0.14	0.196	0.31	0.12	0.009	0.096	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	5	0.09	0.106	0.19	0.06	0.002	0.049	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	5	12.	12.32	15.	9.6	3.812	1.952	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	6	170.	168.333	200.	130.	656.667	25.626	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	6	560.	525.	670.	350.	19550.	139.821	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	6	4550.	4383.333	5700.	3100.	1049666.667	1024.532	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	6	160.	150.	190.	110.	1120.	33.466	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	6	165.	151.667	190.	110.	1136.667	33.714	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	6	8550.	7816.667	10000.	5300.	3813666.667	1952.861	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	6	990.	965.	1500.	230.	212470.	460.945	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	6	0.55	0.458	0.6	0.05	0.046	0.215	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	6	2.1	2.35	3.8	1.3	1.215	1.102	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	6	1950.	1916.667	2500.	1400.	173666.667	416.733	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	6	0.	33.333	100.	0.	2666.667	51.64	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	6	2050.	1950.	2500.	1400.	179000.	423.084	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	6	1.5	1.833	3.	1.	0.967	0.983	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-03/08/84	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	6	1.	1.5	3.	1.	0.7	0.837	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	6	15.	15.833	30.	5.	84.167	9.174	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/02/83-03/08/84	5	0.	4.	10.	0.	30.	5.477	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	6	20.	19.167	30.	5.	104.167	10.206	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	6	5.	4.667	7.	2.	3.867	1.966	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	6	0.	0.5	2.	0.	0.7	0.837	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	6	4.	4.	7.	2.	2.8	1.673	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	6	310.	328.333	610.	150.	29416.667	171.513	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	6	450.	476.667	750.	350.	22506.667	150.022	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	6	155.	148.333	200.	70.	2136.667	46.224	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	6	2.	2.333	4.	1.	1.867	1.366	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	6	1.5	2.333	6.	0.	6.667	2.582	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	6	3.	4.	7.	2.	6.	2.449	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	6	10.	11.667	20.	0.	56.667	7.528	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	6	30.	35.	60.	20.	190.	13.784	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	6	20.	25.	50.	10.	190.	13.784	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	6	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	6	2.	1.667	3.	0.	2.267	1.506	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	6	3.	2.833	4.	1.	1.767	1.329	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	6	30.	33.333	70.	10.	466.667	21.602	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	6	10.	20.	70.	0.	760.	27.568	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	6	40.	46.667	90.	30.	506.667	22.509	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	6	285.	285.	360.	190.	4910.	70.071	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	6 ##	12.5	62.5	300.	5.	13727.5	117.164	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-02/02/84	3	170.	166.667	320.	10.	24033.333	155.027	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	6	12650.	12483.333	20100.	2300.	37357666.667	6112.092	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	5	0.43	0.602	0.95	0.37	0.085	0.292	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	5	0.2	0.22	0.5	0.05	0.036	0.189	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/02/83-03/08/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	5	0.2	0.18	0.4	0.05	0.021	0.144	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	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

EPA Water Quality Criteria Analysis for Station: TIMU0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00	3	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	6	1.00	3	3	1.00	3	3	1.00						
		Drinking Water	250.	6	6	1.00	3	3	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	5	0.83	3	2	0.67	3	3	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	3	0	0.00	3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	3	0	0.00									
		Drinking Water	3.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.4	3	0	0.00	3	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0315

NPS Station ID: TIMU0315 LAT/LON: 30.393253/ -81.552782 Agency: 21FLA Date Created: / /
Location: ST JOHNS R OFF DAMES PT FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO STORET Station ID(s): 20030009 / LSJR34
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 36 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: ST JOHNS ECO Region:
RF1 Index: 03080103002 RF1 Mile Point: 21.090 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03080103249800.00 RF3 Mile Point: 3.68 Distance from RF3: 0.13 On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MID-CHANNEL BETWEEN DAMES POINT AND QUARANTINE ISLAND

Parameter Inventory for Station: TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	176	3.	5.928	44.	0.2	60.072	7.751	0.2	0.2	6.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-02/04/98	66	20.55	21.617	30.	13.1	33.074	5.751	14.	16.275	27.75	29.76
00055	VELOCITY, STREAM FT/SEC	08/20/86-01/28/98	58	0.75	0.84	3.	0.1	0.355	0.596	0.2	0.5	1.	2.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	4	10.	10.	13.	7.	8.667	2.944	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-02/04/98	82	8.05	10.932	50.2	1.6	81.354	9.02	3.28	5.45	13.525	22.7
00078p	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-02/04/98	65	0.9	0.875	1.6	0.3	0.098	0.313	0.5	0.6	1.1	1.2
00081p	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-02/04/98	83	60.	69.277	250.	20.	1909.227	43.695	30.	40.	80.	120.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-02/04/98	62	27300.	27385.484	44600.	6300.	101357654.68	10067.654	13730.	19700.	35925.	40550.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/72-02/04/98	74	26400.	25490.405	41600.	4790.	82868020.381	9103.187	13300.	18700.	32725.	38350.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-02/04/98	62	7.45	7.134	10.2	4.6	2.151	1.467	4.93	5.85	8.225	8.94
00300	OXYGEN, DISSOLVED MG/L	07/18/72-05/28/97	11	5.	5.355	7.8	4.3	1.055	1.027	4.34	4.8	6.2	7.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-02/04/98	60	0.8	0.814	3.4	0.1	0.303	0.55	0.25	0.5	1.	1.58
00400p	PH (STANDARD UNITS)	07/18/72-02/04/98	66	7.485	7.439	8.1	5.52	0.113	0.336	7.124	7.328	7.6	7.763
00400p	CONVERTED PH (STANDARD UNITS)	07/18/72-02/04/98	66	7.485	7.07	8.1	5.52	0.252	0.502	7.124	7.328	7.6	7.763
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-02/04/98	66	0.033	0.085	3.02	0.008	0.135	0.368	0.017	0.025	0.047	0.075
00403	PH, LAB, STANDARD UNITS SU	09/20/83-05/28/97	20	7.9	7.88	8.	7.4	0.017	0.132	7.8	7.825	7.975	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-05/28/97	20	7.9	7.855	8.	7.4	0.018	0.135	7.8	7.825	7.975	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-05/28/97	20	0.013	0.014	0.04	0.01	0.	0.006	0.01	0.011	0.015	0.016
00480	SALINITY - PARTS PER THOUSAND	10/27/86-02/04/98	60	17.1	17.42	29.7	3.5	44.161	6.645	8.	12.675	22.9	26.44
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-02/04/98	68	19.5	34.544	178.	6.	1457.356	38.175	7.	13.	41.	101.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-02/04/98	68	5.	9.088	49.	1.	105.246	10.259	2.	3.	10.75	20.5
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-02/04/98	66	14.5	25.727	129.	4.	823.001	28.688	5.	9.	30.25	76.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/19/72-01/20/98	16	0.068	0.093	0.28	0.018	0.006	0.079	0.02	0.032	0.144	0.252
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/72-07/20/72	5	0.21	0.204	0.24	0.16	0.001	0.03	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/72-01/20/98	13	0.67	0.678	1.3	0.	0.146	0.381	0.02	0.45	0.96	1.228
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-01/20/98	11	0.16	0.253	1.4	0.06	0.147	0.384	0.06	0.09	0.19	1.162
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/72-01/20/98	15	0.11	0.125	0.25	0.09	0.002	0.043	0.09	0.1	0.14	0.208
00916	CALCIUM, TOTAL (MG/L AS CA)	09/17/97-09/17/97	1	256.	256.	256.	256.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/17/97-09/17/97	1	765.	765.	765.	765.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-01/20/98	10	6650.	8302.8	20310.	3700.	26147282.844	5113.441	3820.	5125.	10179.5	19680.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/20/98-01/20/98	1	540.	540.	540.	540.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	22	0.665	0.606	0.86	0.18	0.028	0.168	0.336	0.495	0.722	0.771
01002	ARSENIC, TOTAL (UG/L AS AS)	01/23/97-01/20/98	13 ##	20.	35.154	200.	7.	2656.974	51.546	8.2	10.	40.	140.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	01/23/97-01/20/98	12 ##	2.5	2.271	5.	0.25	1.426	1.194	0.325	1.75	2.5	4.25
01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-01/20/98	15 ##	25.	18.573	50.	0.1	258.802	16.087	0.34	2.5	25.	48.2
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	3.125	3.125	6.15	0.1	18.301	4.278	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/23/97-01/20/98	13 ##	50.	50.385	100.	5.	689.423	26.257	13.	37.5	50.	100.
01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-01/20/98	14	2.25	16.75	120.	1.	1278.183	35.752	1.	1.	6.5	98.5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	2	4.54	4.54	7.6	1.48	18.727	4.327	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/20/86-09/17/97	3	230.	235.667	317.	160.	6186.333	78.653	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-01/20/98	14 ##	1.5	8.568	50.	0.25	310.18	17.612	0.375	0.5	4.25	50.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	2 ##	3.5	3.5	5.5	1.5	8.	2.828	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	2	46.15	46.15	50.	42.3	29.645	5.445	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/27/86	2 ##	24.	24.	43.	5.	722.	26.87	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-01/20/98	15 ##	30.	30.233	50.	3.5	139.388	11.806	13.4	20.	35.	50.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/23/97-01/20/98	13 ##	0.2	0.388	1.5	0.02	0.186	0.431	0.022	0.175	0.4	1.34
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-01/20/98	15 ##	50.	394.8	4950.	5.	1593988.314	1262.533	5.6	20.	100.	2130.
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/23/97-01/20/98	12 ##	179.	279.	700.	65.	34447.455	185.6	90.5	175.	410.	646.
01147	SELENIUM, TOTAL (UG/L AS SE)	09/17/97-09/17/97	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/96-02/04/98	57	87.	138.579	760.	7.	27233.284	165.025	18.	45.	165.	320.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/96-02/04/98	57	1.94	1.912	2.881	0.845	0.216	0.465	1.241	1.653	2.217	2.504
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			81.733								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-04/14/87	6	110.	22520.067	130000.	0.22776	224196.811	52689.887	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-04/14/87	6	1.965	1.889	5.114	-0.699	5.438	2.332	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			77.494								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-07/20/88	22	45.	77.727	300.	1.	7744.589	88.003	3.5	21.5	92.5	268.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-07/20/88	22	1.651	1.571	2.477	0.	0.412	0.642	0.464	1.329	1.956	2.427
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.198								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/12/96-02/04/98	57	30.	49.246	380.	1.5	4810.751	69.36	3.	10.	53.	102.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/12/96-02/04/98	57	1.477	1.403	2.58	0.176	0.294	0.542	0.477	1.	1.724	2.008
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.269								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-07/20/87	6	4.45	5.622	10.9	0.53	18.637	4.317	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	42.7	42.7	42.7	42.7	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	44.52	44.52	44.52	44.52	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/23/97-01/20/98	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
72016p	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-02/04/98	87	10.	17.91	55.	3.	229.113	15.136	5.	8.	38.	42.
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	11.26	11.26	11.26	11.26	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	5	2.126	2.105	2.782	1.274	0.304	0.551	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	5	11.	10.6	13.	8.	4.3	2.074	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	82	1	0.01	43	0	0.00	39	1	0.03						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	62	0	0.00	31	0	0.00	31	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	11	0	0.00									
00400	PH	Marine Chronic	8.5	66	0	0.00	35	0	0.00	31	0	0.00						
		Other-Lo Lim.	6.5	66	1	0.02	35	1	0.03	31	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	20	0	0.00	12	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	20	0	0.00	12	0	0.00	8	0	0.00						
01002	ARSENIC, TOTAL	Marine Acute	69.	12 &	0	0.00	6	0	0.00	6	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	14 &	1	0.07	8	1	0.13	6	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	12 &	4	0.33	8	2	0.25	4	2	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

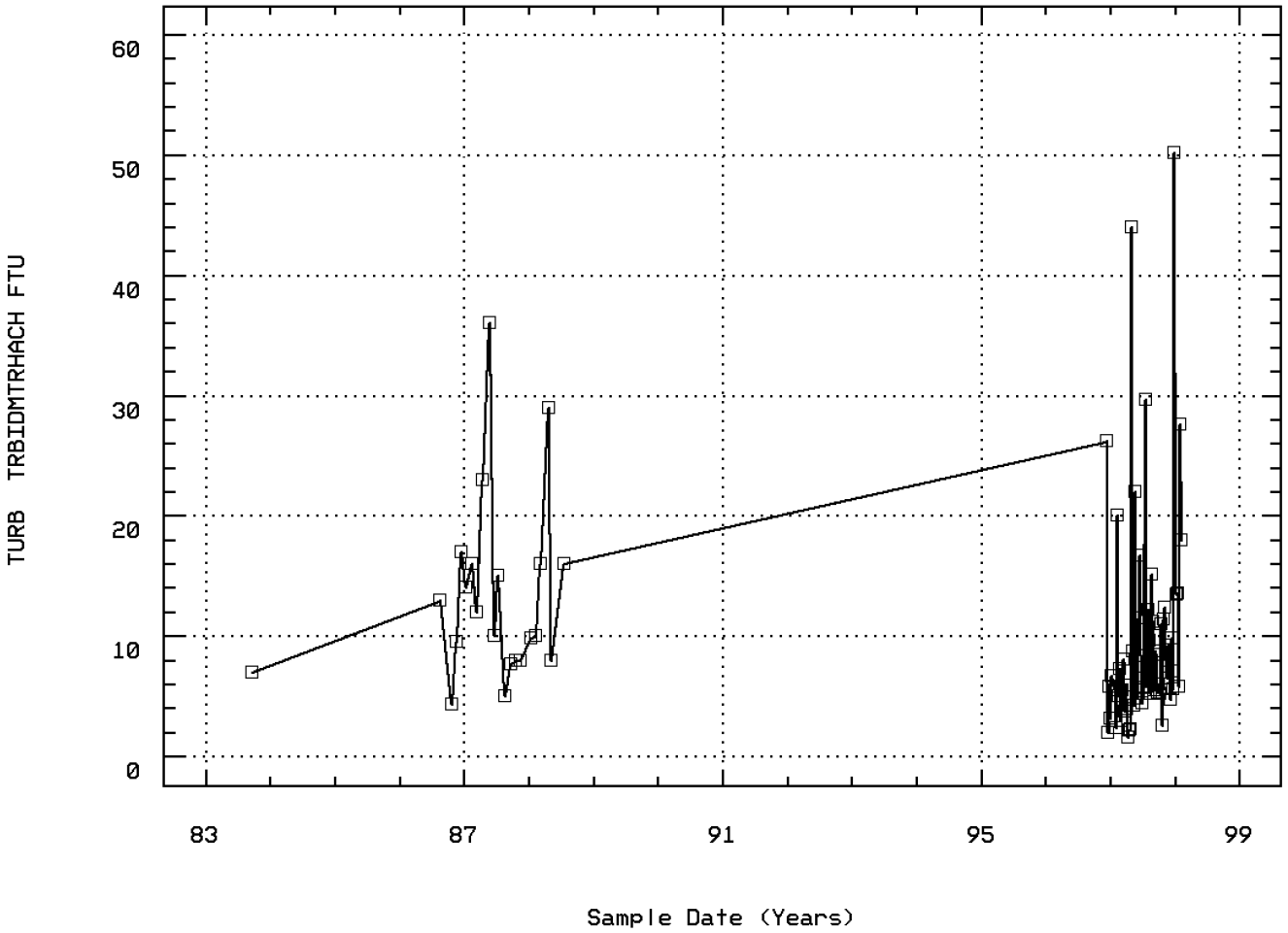
EPA Water Quality Criteria Analysis for Station: TIMU0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Marine Acute	220.	14	0	0.00	8	0	0.00	6	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	15	0	0.00	9	0	0.00	6	0	0.00						
01077	SILVER, TOTAL	Marine Acute	0.12	4 &	2	0.50	2	1	0.50	2	1	0.50						
01092	ZINC, TOTAL	Marine Acute	95.	12 &	1	0.08	8	1	0.13	4	0	0.00						
01147	SELENIUM, TOTAL	Marine Acute	300.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	57	0	0.00	31	0	0.00	26	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	2	0.33	5	2	0.40	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	3	0.14	11	1	0.09	11	2	0.18						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	57	2	0.04	31	1	0.03	26	1	0.04						
71900	MERCURY, TOTAL	Marine Acute	2.1	13	0	0.00	7	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: TIMU0315 Parameter Code: 00076

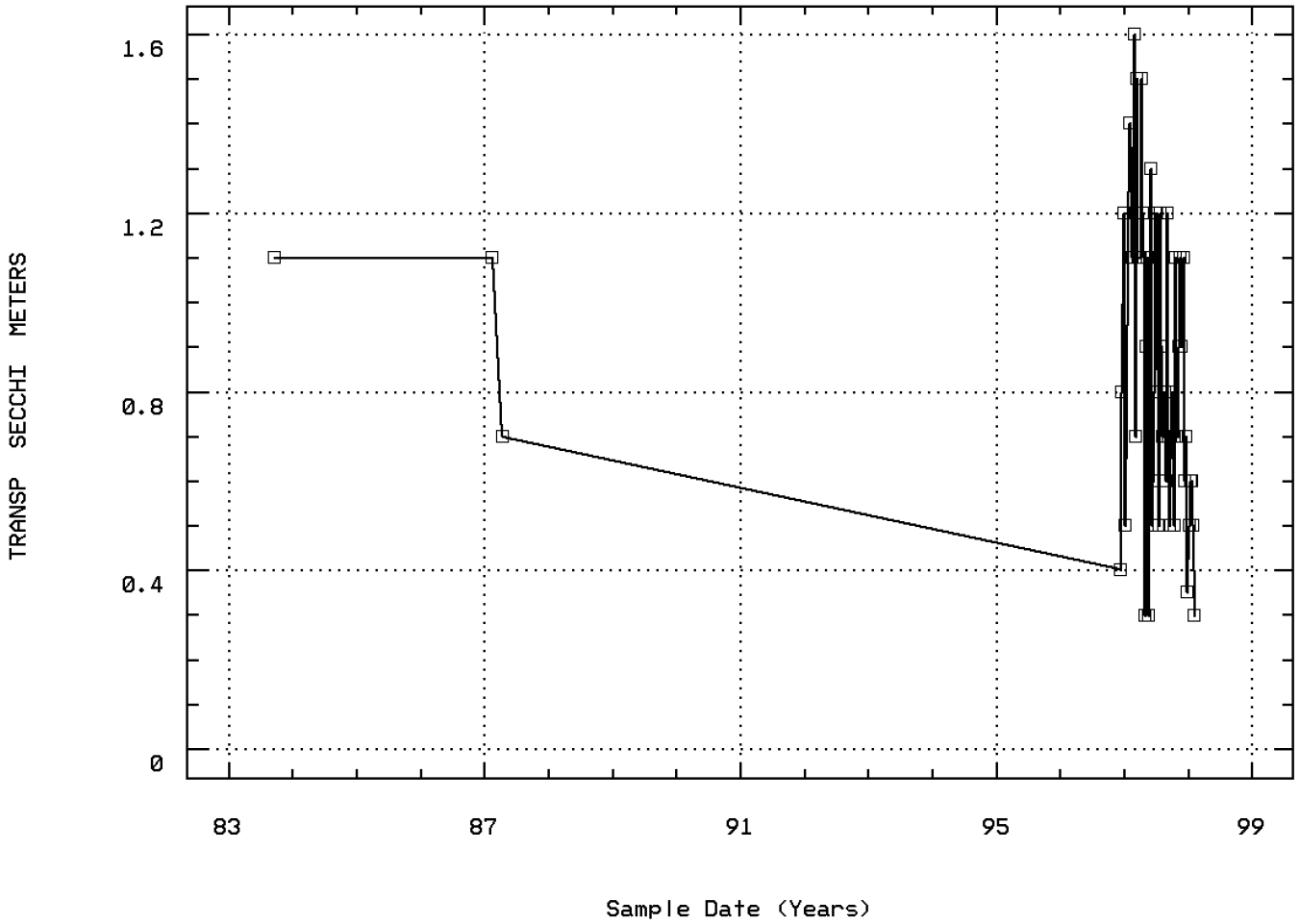
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00078

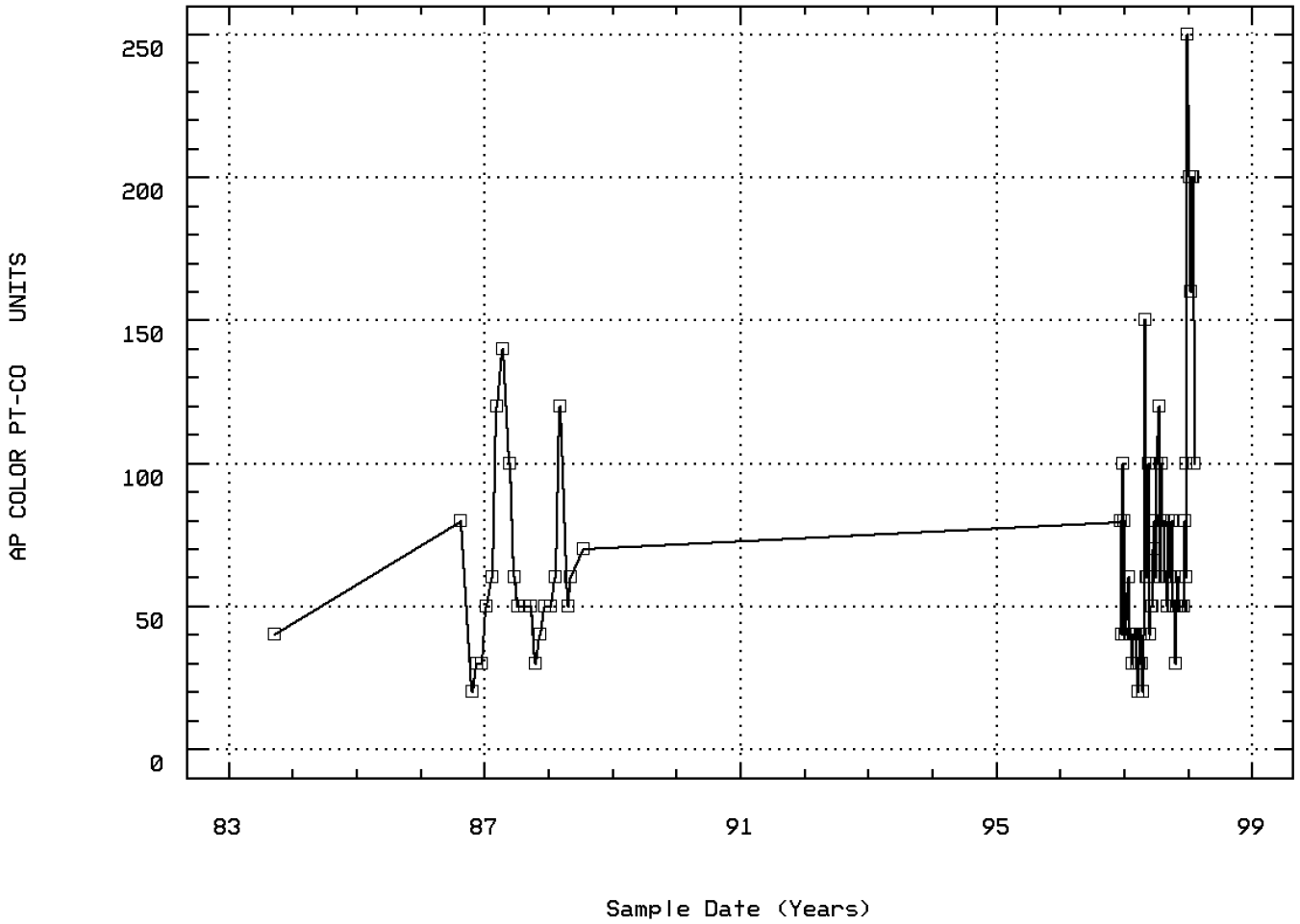
TRANSPARENCY, SECCHI DISC (METERS)



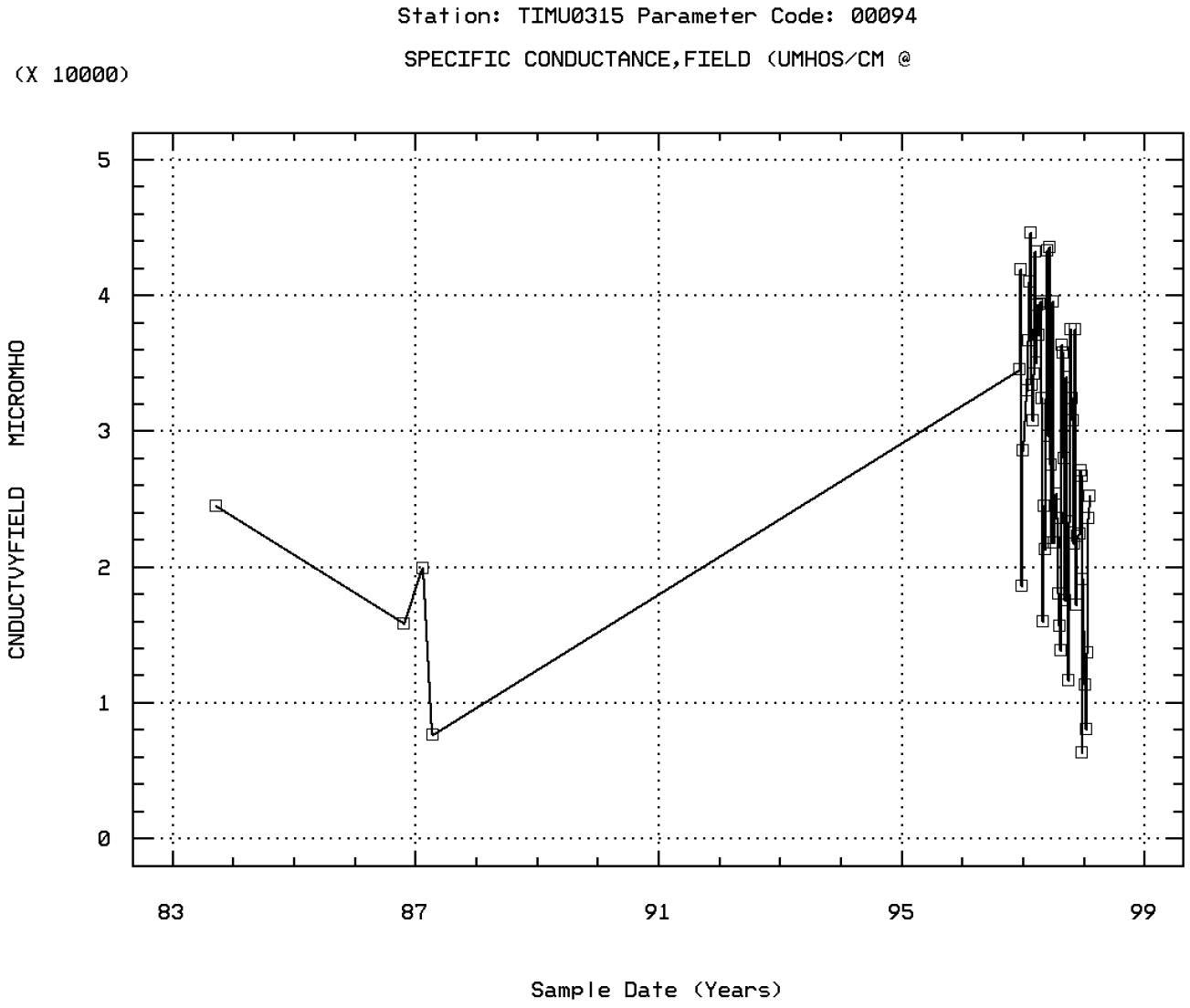
ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00081

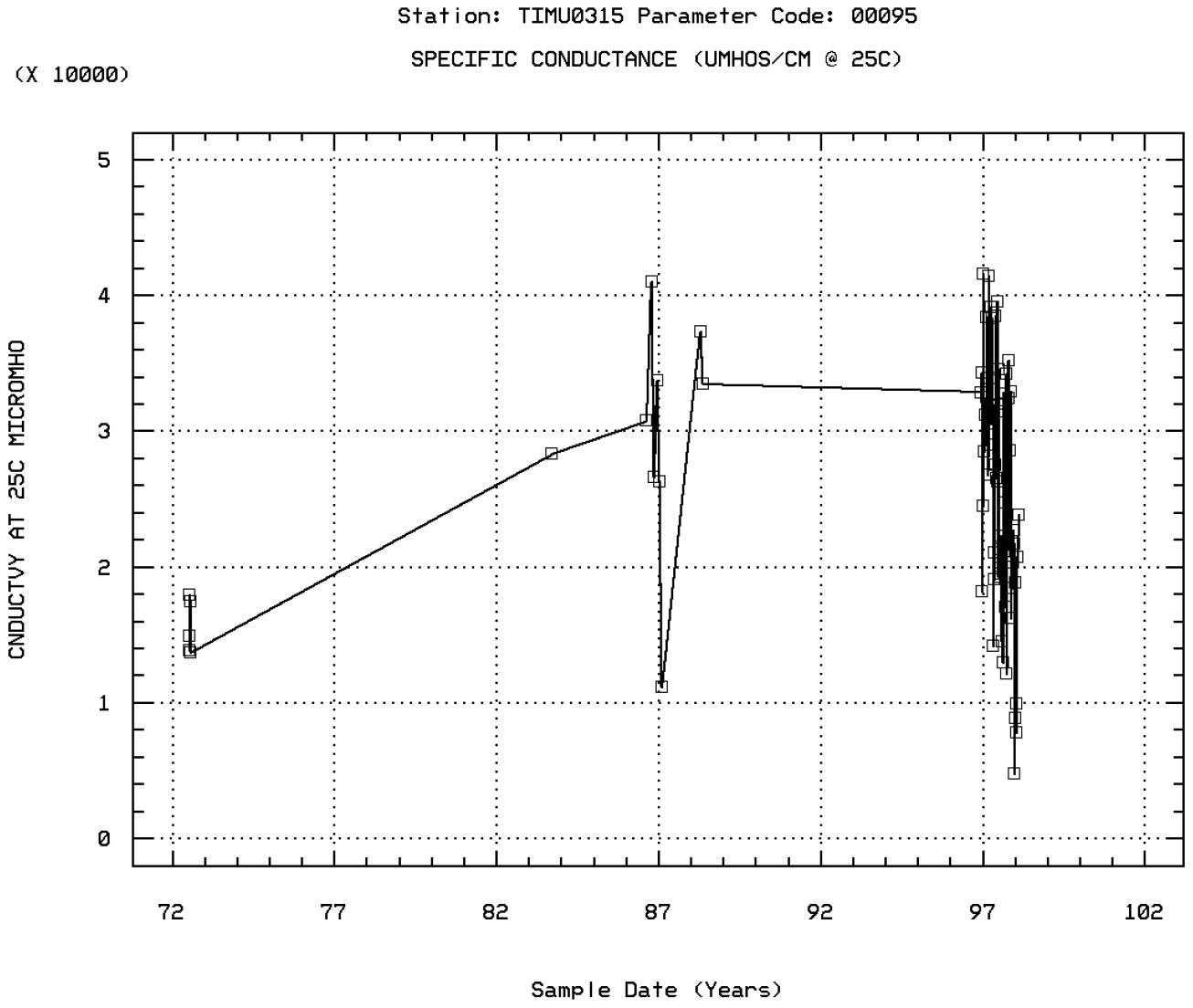
COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-



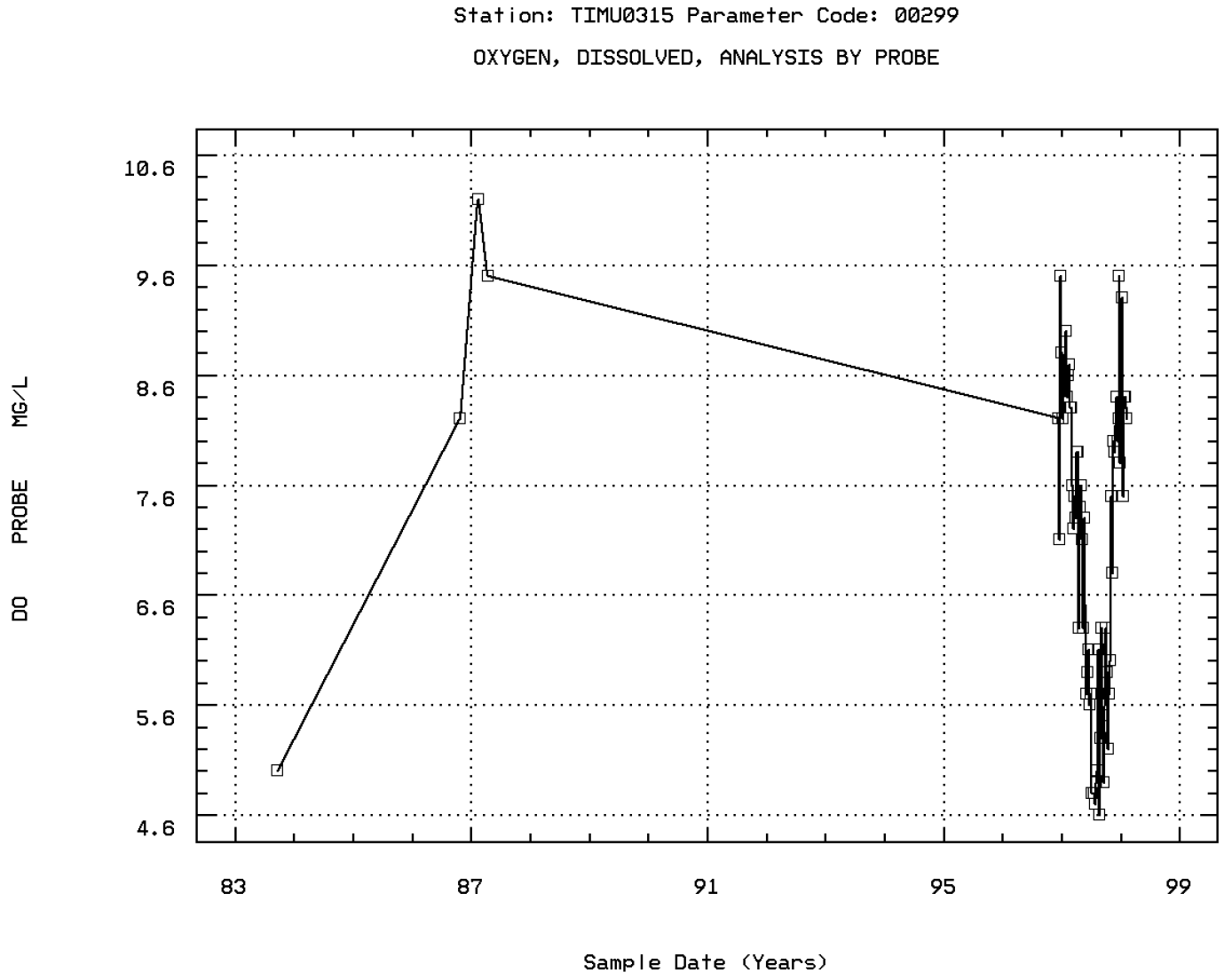
ST JOHNS R OFF DAMES PT



ST JOHNS R OFF DAMES PT



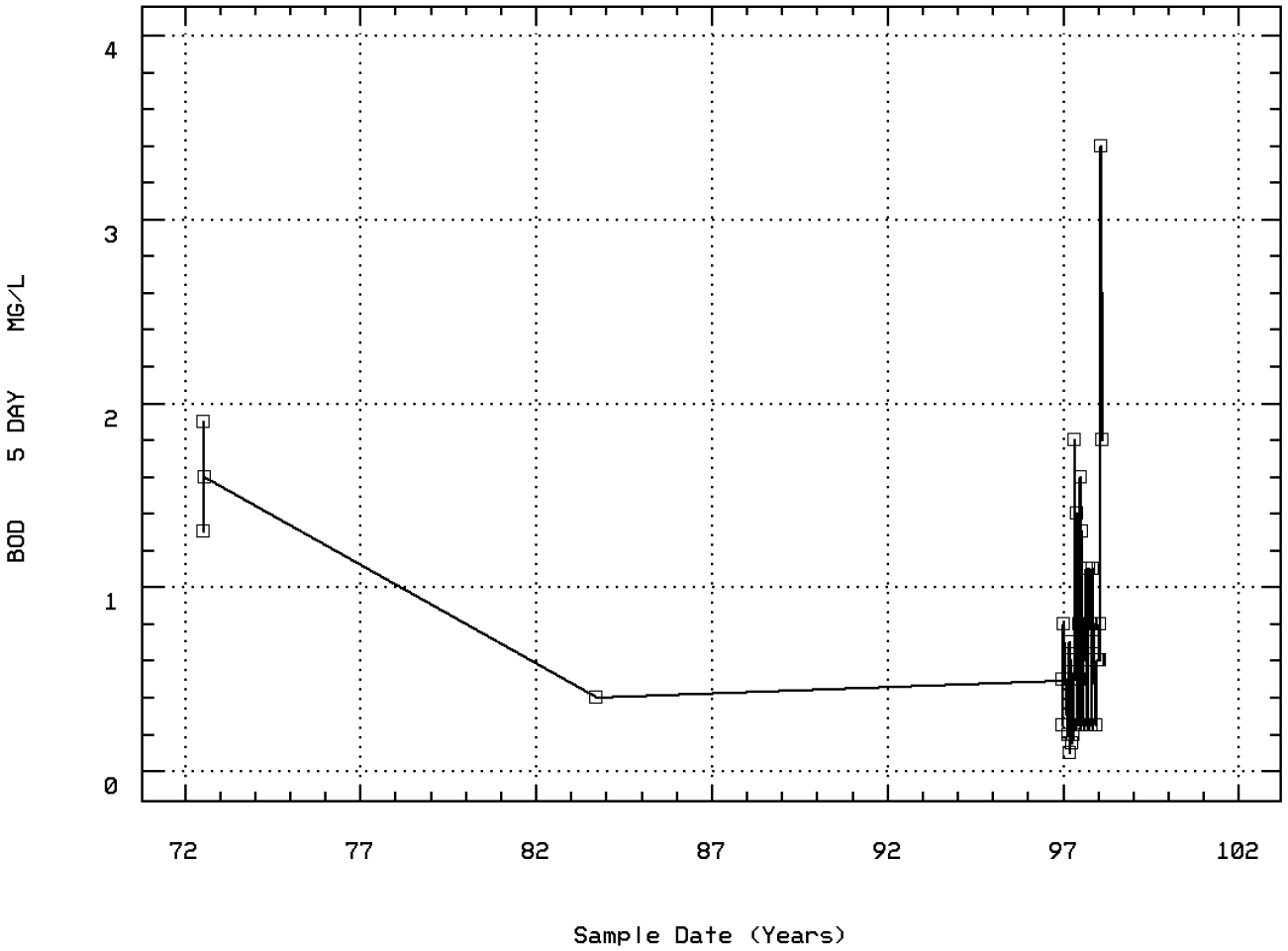
ST JOHNS R OFF DAMES PT



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00310

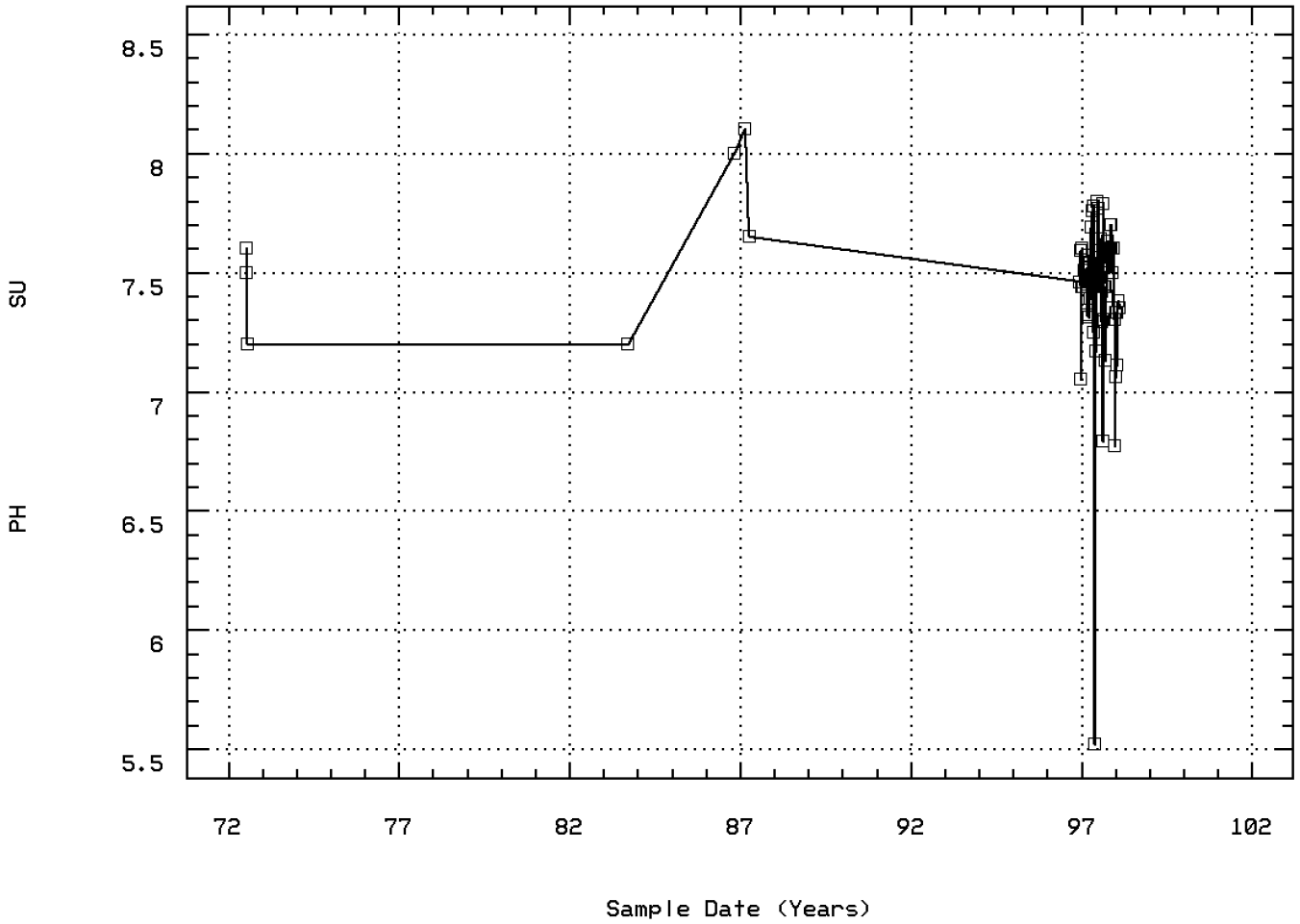
BOD, 5 DAY, 20 DEG C



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00400

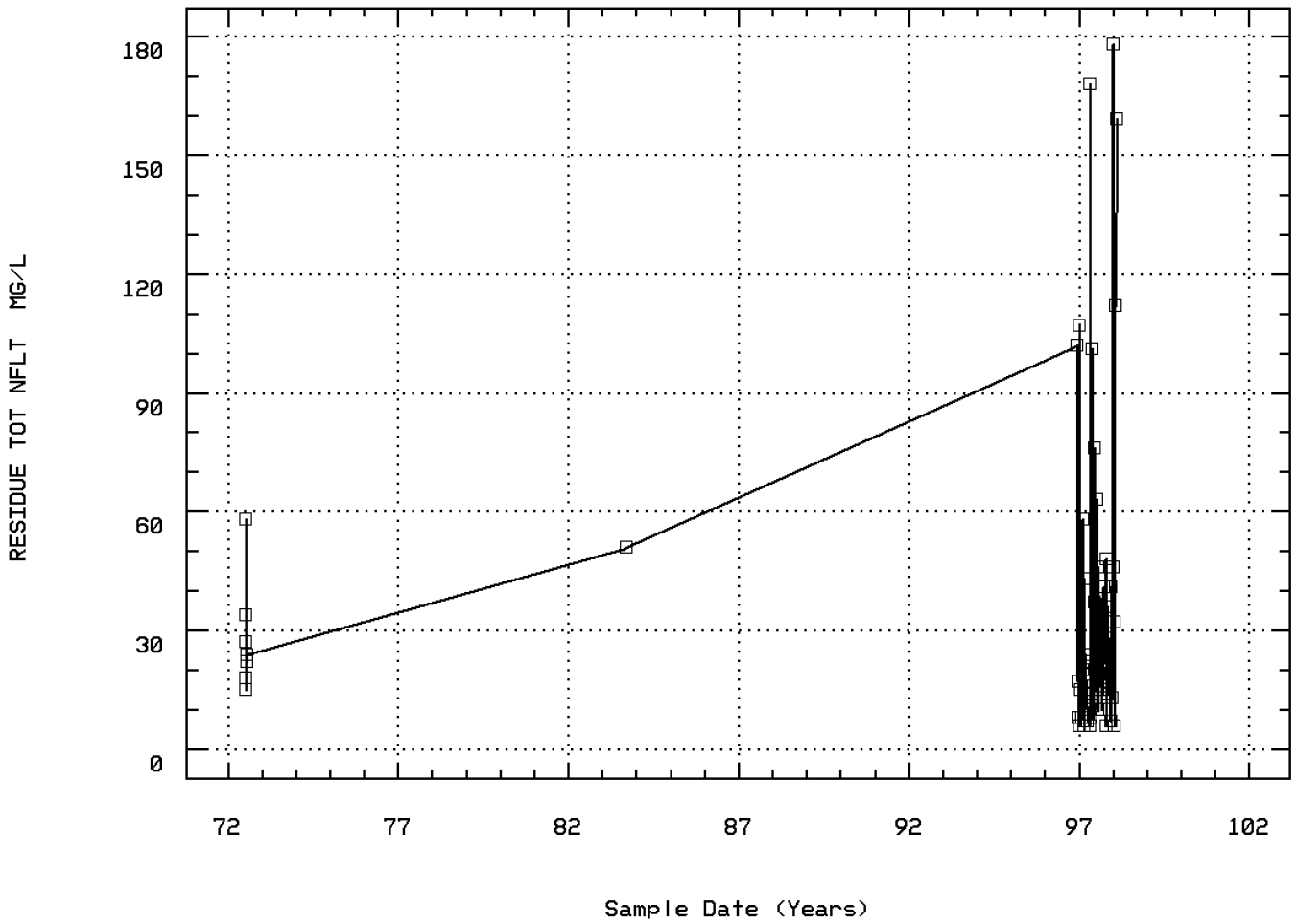
PH (STANDARD UNITS)



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00530

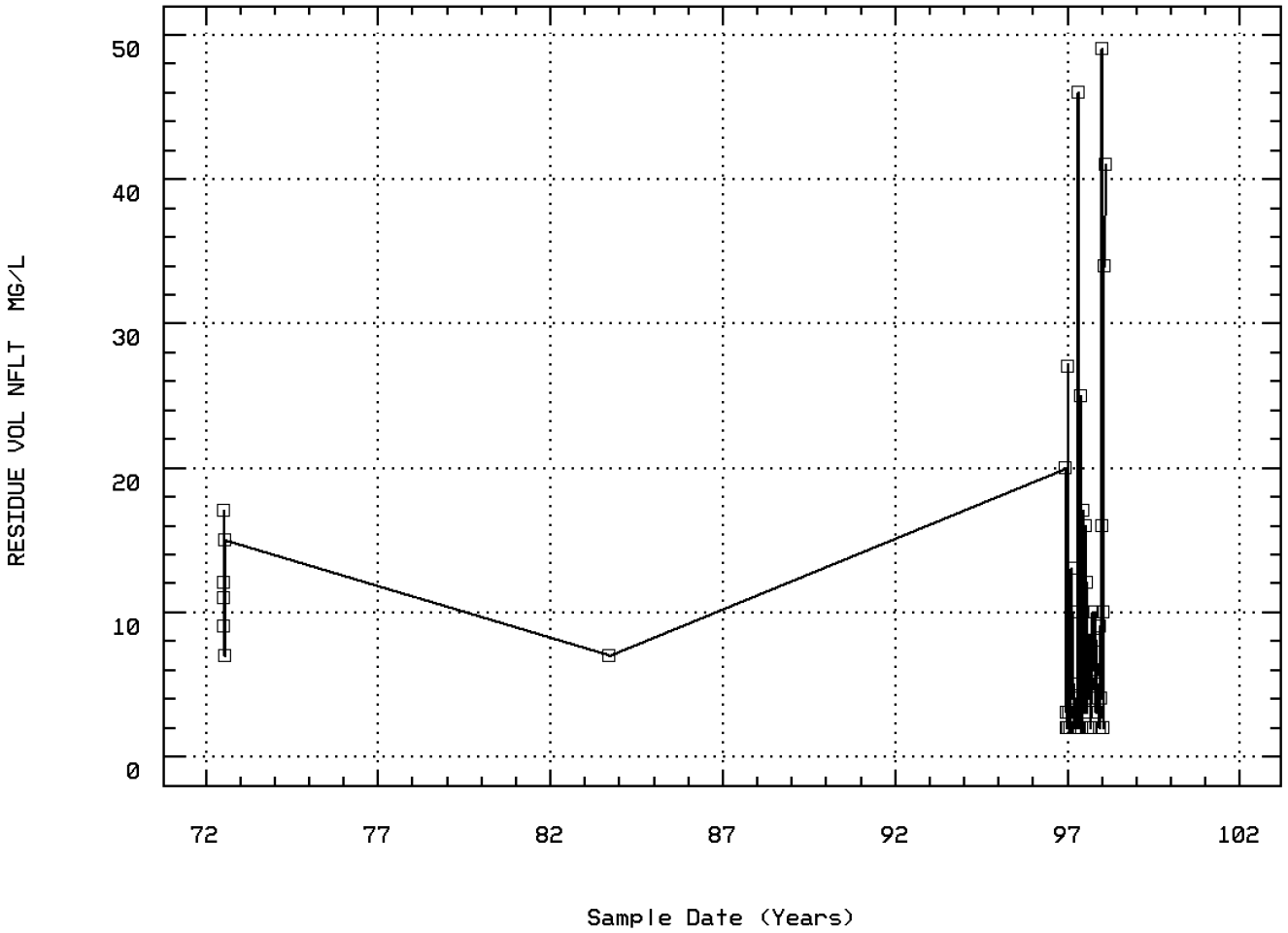
RESIDUE, TOTAL NONFILTRABLE (MG/L)



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00535

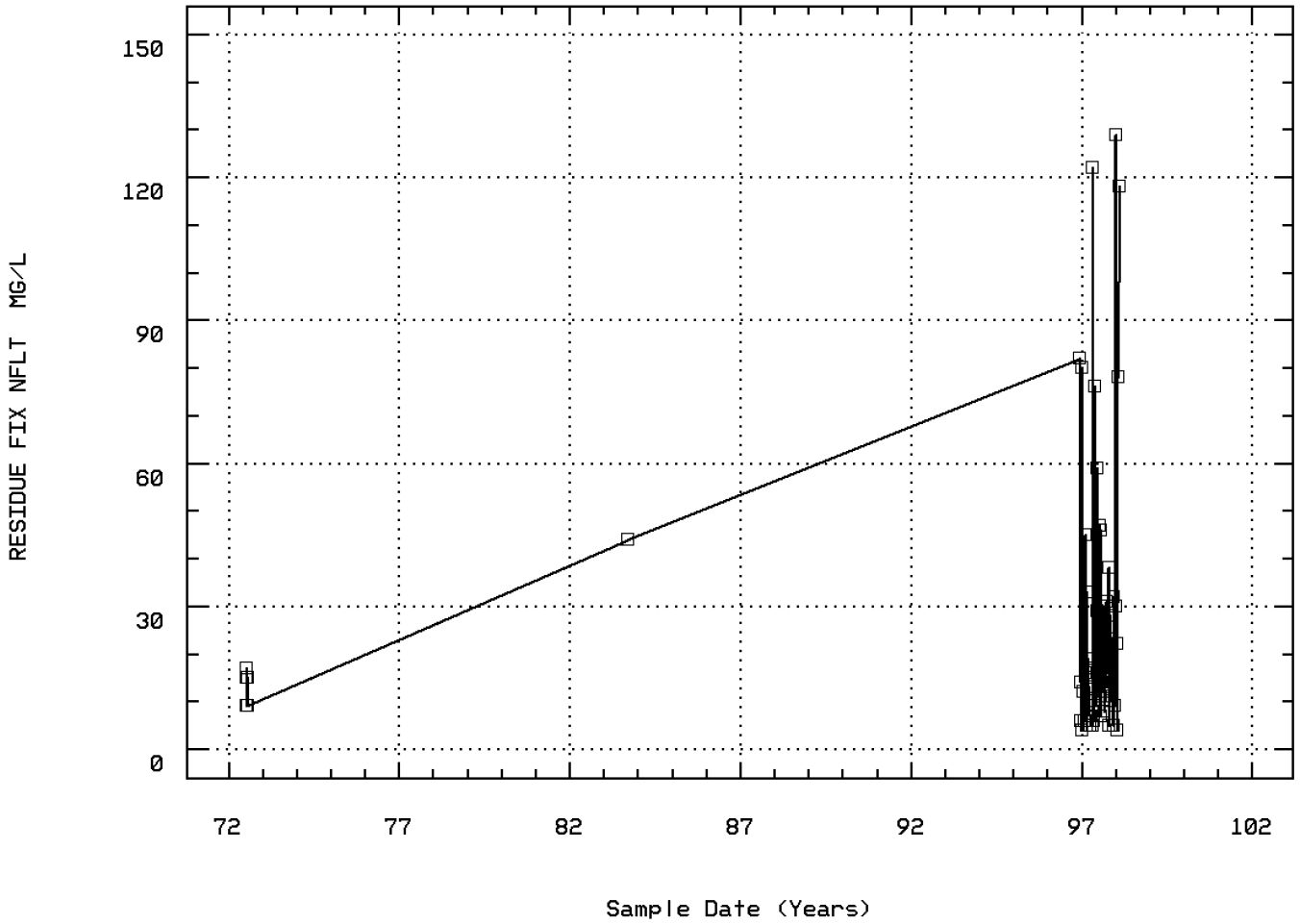
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



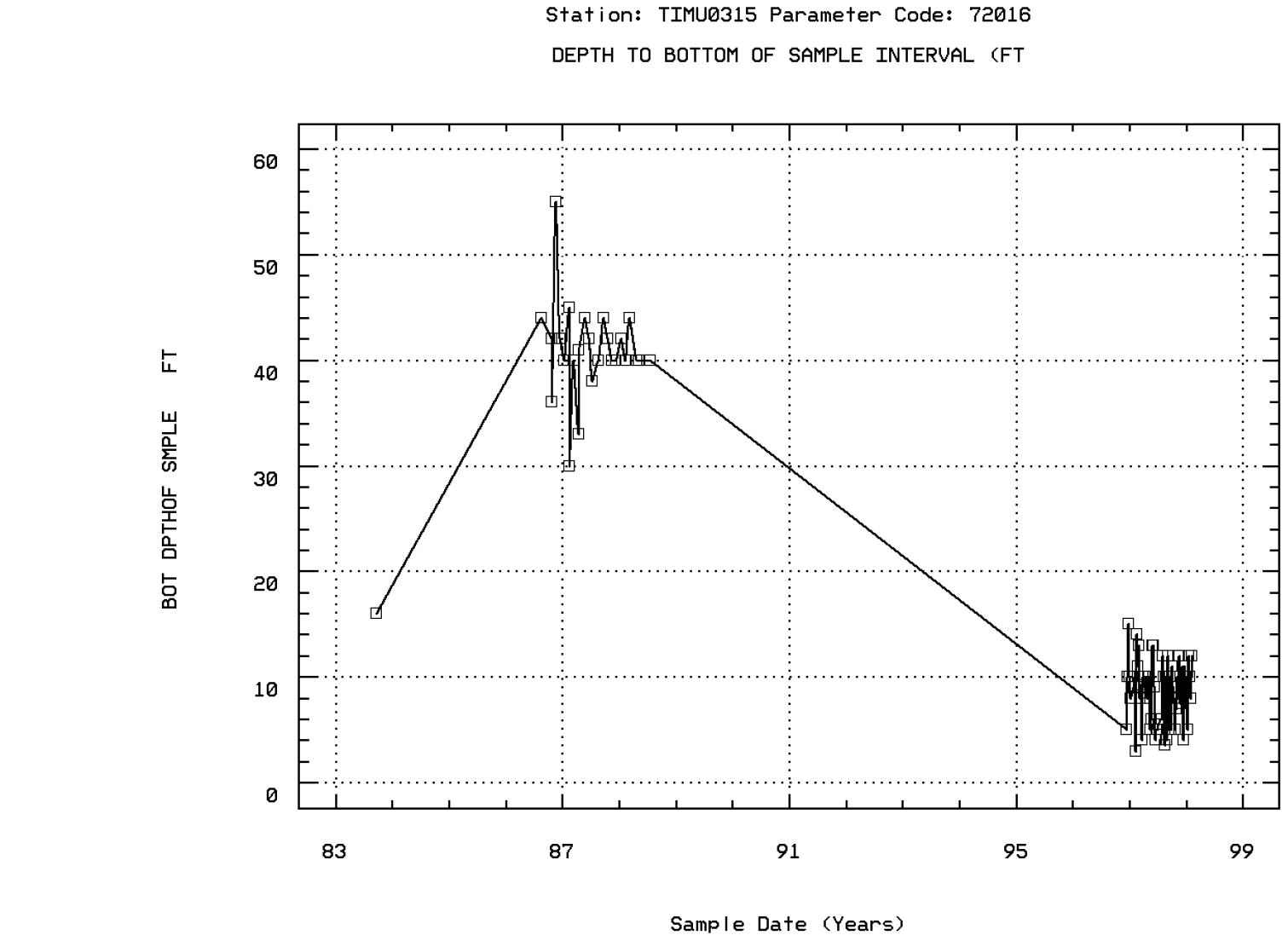
ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00540

RESIDUE, FIXED NONFILTRABLE (MG/L)



ST JOHNS R OFF DAMES PT



ST JOHNS R OFF DAMES PT

Annual Analysis for 1972 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	7	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	2	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	3	8.	10.333	16.	7.	24.333	4.933	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	10	21.	20.7	44.	2.	217.567	14.75	2.	8.	36.	43.2

** - 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 1987 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	17	20.	16.059	22.	1.	60.059	7.75	1.8	10.	21.	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 1988 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	6	20.	20.167	21.	20.	0.167	0.408	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	5	3.	3.28	8.	0.2	11.072	3.327	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	114	2.	2.509	7.	0.2	5.403	2.324	0.2	0.2	5.	6.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	11	3.	2.727	6.	0.2	6.538	2.557	0.2	0.2	5.	6.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0315

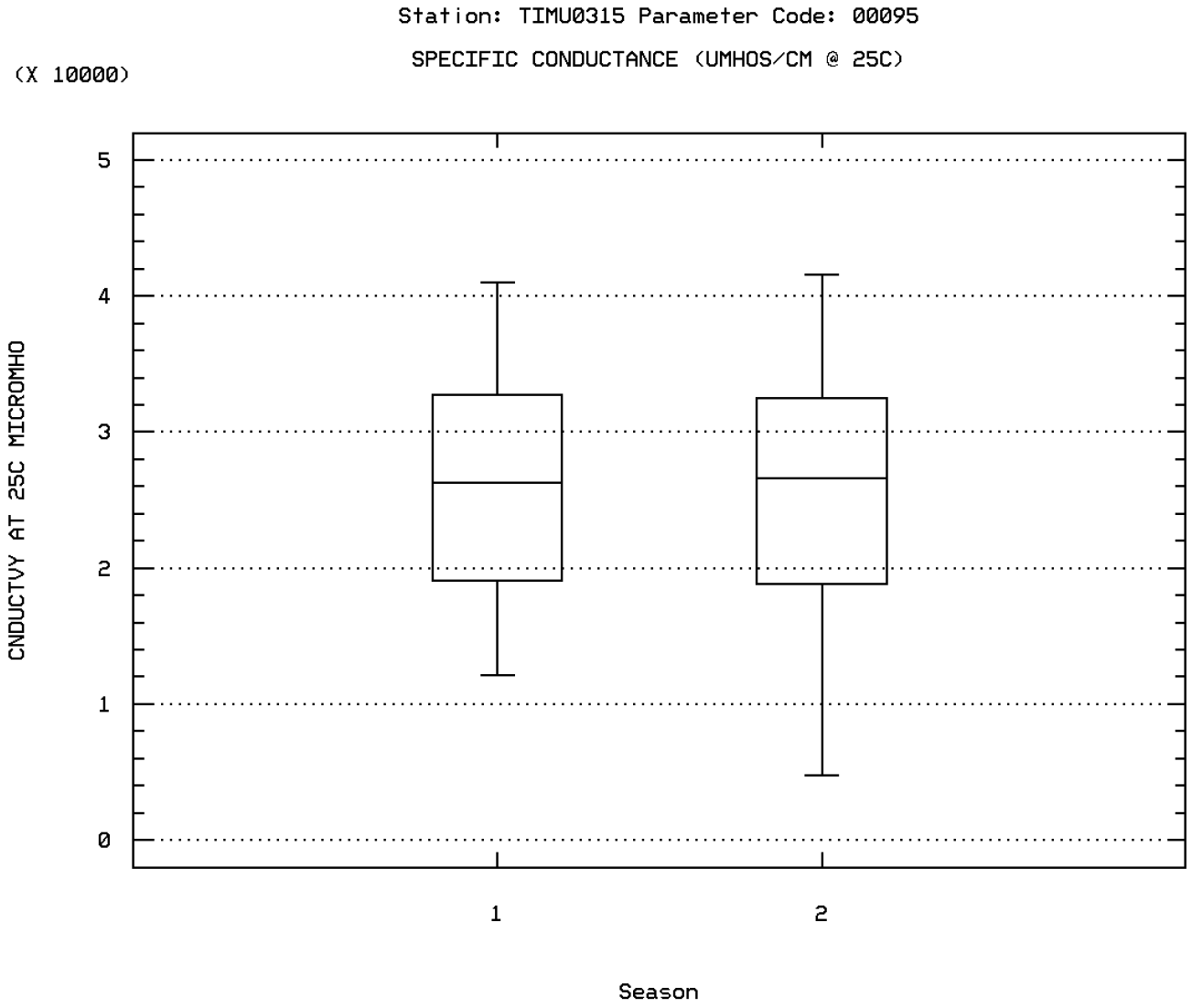
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	99	3.	6.143	44.	0.2	71.192	8.438	0.2	0.2	7.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-02/04/98	35	27.4	26.266	30.	19.2	11.325	3.365	20.56	23.5	29.2	29.94
00055	VELOCITY, STREAM FT/SEC	08/20/86-01/28/98	30	0.8	0.91	3.	0.1	0.392	0.626	0.21	0.5	1.	2.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-02/04/98	43	8.4	11.019	44.	2.2	79.773	8.932	4.24	5.3	12.4	26.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-02/04/98	34	0.85	0.847	1.3	0.3	0.077	0.277	0.5	0.675	1.1	1.2
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-02/04/98	43	60.	63.256	150.	20.	655.814	25.609	34.	50.	80.	100.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-02/04/98	32	26450.	27381.25	43500.	11600.	80747379.032	8985.955	15660.	21400.	35350.	39500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/72-02/04/98	41	26300.	25639.024	41000.	12100.	73753939.024	8588.011	13880.	18500.	32800.	38100.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-02/04/98	31	5.9	5.952	8.2	4.6	0.941	0.97	4.8	5.	6.3	7.48
00300	OXYGEN, DISSOLVED MG/L	07/18/72-05/28/97	11	5.	5.355	7.8	4.3	1.055	1.027	4.34	4.8	6.2	7.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-02/04/98	35	0.8	0.823	1.9	0.2	0.22	0.469	0.25	0.5	1.1	1.6
00400p	PH (STANDARD UNITS)	07/18/72-02/04/98	35	7.5	7.447	8.	5.52	0.169	0.411	7.154	7.3	7.69	7.784
00400p	CONVERTED PH (STANDARD UNITS)	07/18/72-02/04/98	35	7.5	6.912	8.	5.52	0.464	0.681	7.154	7.3	7.69	7.784
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-02/04/98	35	0.032	0.122	3.02	0.01	0.255	0.505	0.016	0.02	0.05	0.07
00403	PH, LAB, STANDARD UNITS SU	09/20/83-05/28/97	12	7.9	7.883	8.	7.4	0.027	0.164	7.52	7.9	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-05/28/97	12	7.9	7.846	8.	7.4	0.029	0.169	7.52	7.9	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-05/28/97	12	0.013	0.014	0.04	0.01	0.	0.008	0.01	0.01	0.013	0.033
00480	SALINITY - PARTS PER THOUSAND	10/27/86-02/04/98	29	16.9	17.293	28.1	7.9	31.824	5.641	10.	12.75	21.55	25.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-02/04/98	39	22.	31.641	168.	6.	917.605	30.292	9.	15.	38.	63.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-02/04/98	39	6.	8.513	46.	1.	67.783	8.233	2.	4.	11.	17.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-02/04/98	37	15.	23.486	122.	5.	539.257	23.222	6.8	9.5	29.5	49.4
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-02/04/98	44	10.	17.08	44.	3.5	228.267	15.109	5.	6.	37.5	42.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-02/04/98	77	5.	5.652	25.	0.2	46.386	6.811	0.2	0.2	6.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-02/04/98	31	16.2	16.368	20.8	13.1	5.14	2.267	13.42	14.6	17.5	20.02
00055	VELOCITY, STREAM FT/SEC	08/20/86-01/28/98	28	0.5	0.764	2.5	0.1	0.316	0.563	0.2	0.325	1.	1.55
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-02/04/98	39	8.	10.836	50.2	1.6	85.223	9.232	3.	5.5	14.	23.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-02/04/98	31	1.	0.905	1.6	0.3	0.122	0.35	0.42	0.6	1.1	1.48
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-02/04/98	40	50.	75.75	250.	20.	3225.064	56.79	30.	40.	100.	196.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-02/04/98	30	27850.	27390.	44600.	6300.	126884379.31	11264.297	8330.	18975.	36800.	41810.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/72-02/04/98	33	26600.	25305.758	41600.	4790.	96786787.689	9838.028	9274.	18600.	32650.	38820.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-02/04/98	31	8.2	8.316	10.2	7.1	0.544	0.738	7.34	7.9	8.7	9.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-02/04/98	25	0.7	0.802	3.4	0.1	0.432	0.657	0.18	0.5	1.	1.32
00400p	PH (STANDARD UNITS)	07/18/72-02/04/98	31	7.46	7.43	8.1	6.77	0.053	0.231	7.07	7.33	7.57	7.6
00400p	CONVERTED PH (STANDARD UNITS)	07/18/72-02/04/98	31	7.46	7.365	8.1	6.77	0.058	0.24	7.07	7.33	7.57	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-02/04/98	31	0.035	0.043	0.17	0.008	0.001	0.03	0.025	0.027	0.047	0.085
00403	PH, LAB, STANDARD UNITS SU	09/20/83-05/28/97	8	7.9	7.875	8.	7.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/20/83-05/28/97	8	7.9	7.87	8.	7.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-05/28/97	8	0.013	0.013	0.016	0.01	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/27/86-02/04/98	31	17.3	17.539	29.7	3.5	57.118	7.558	6.52	11.4	23.7	27.54
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-02/04/98	29	17.	38.448	178.	6.	2214.399	47.057	6.	9.	44.5	112.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-02/04/98	29	4.	9.862	49.	1.	158.766	12.6	2.	2.	11.5	34.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-02/04/98	29	13.	28.586	129.	4.	1202.108	34.671	5.	6.5	32.5	82.
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-02/04/98	43	11.	18.76	55.	3.	233.972	15.296	5.	9.	40.	42.

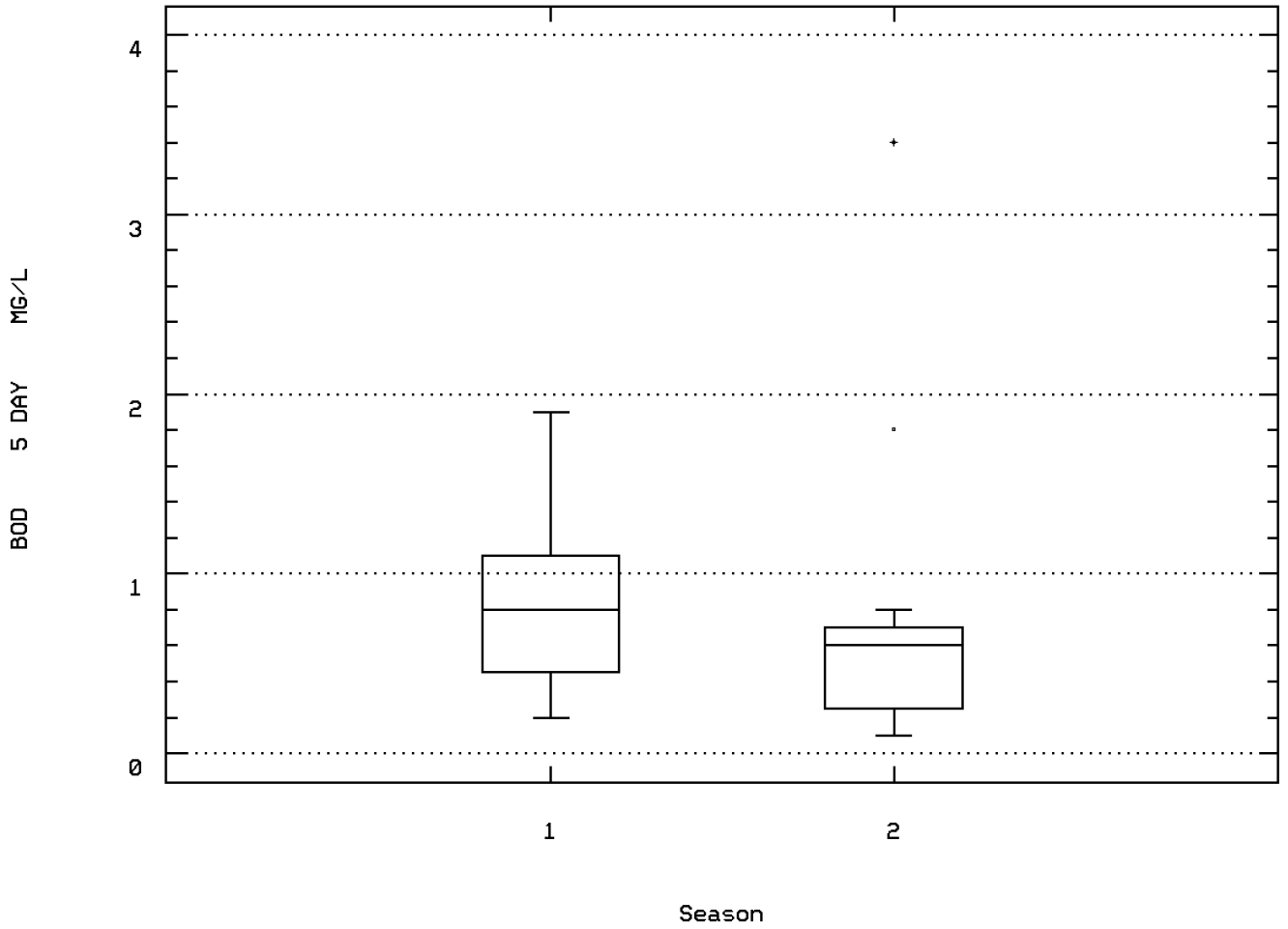
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



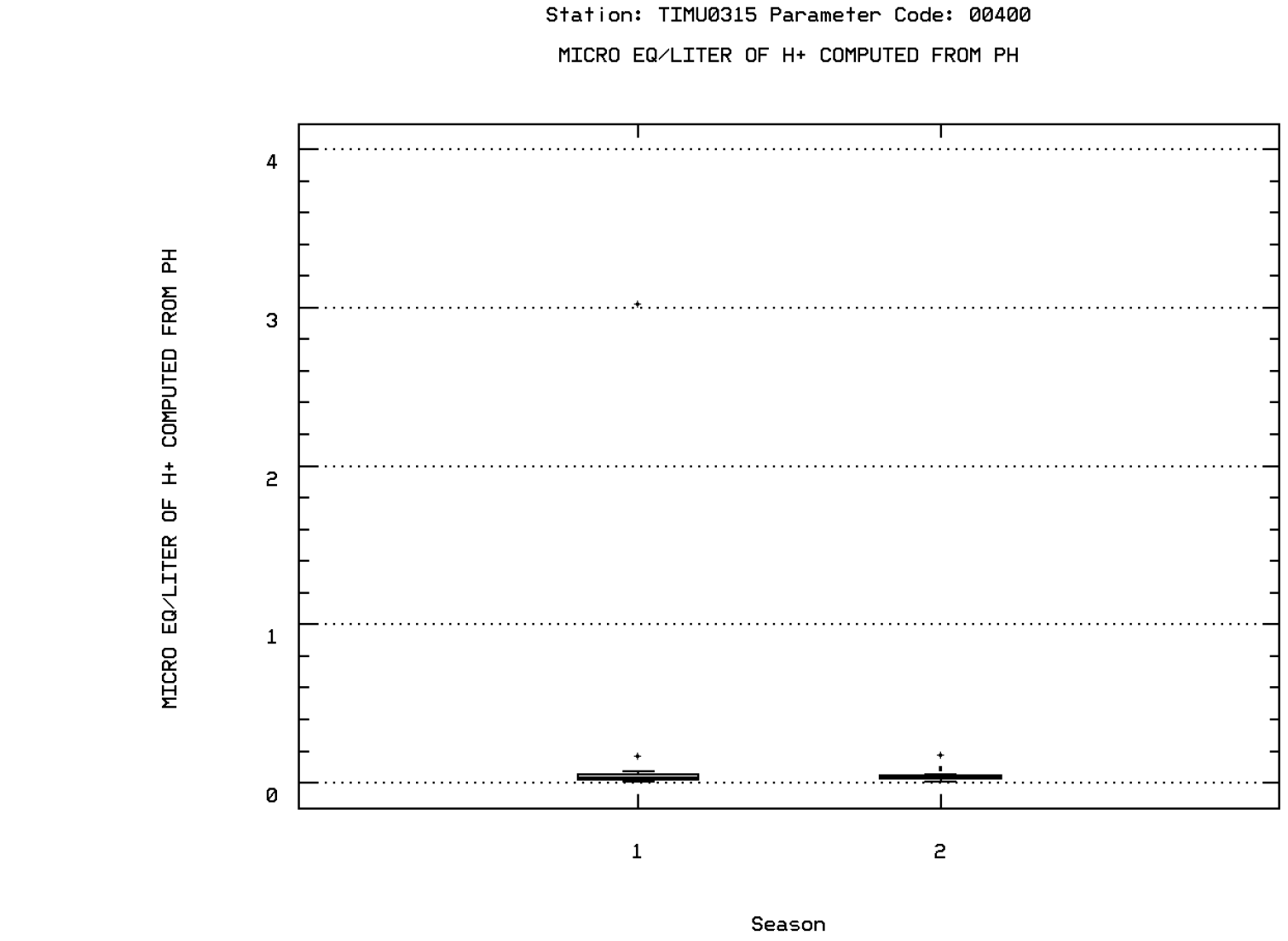
ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



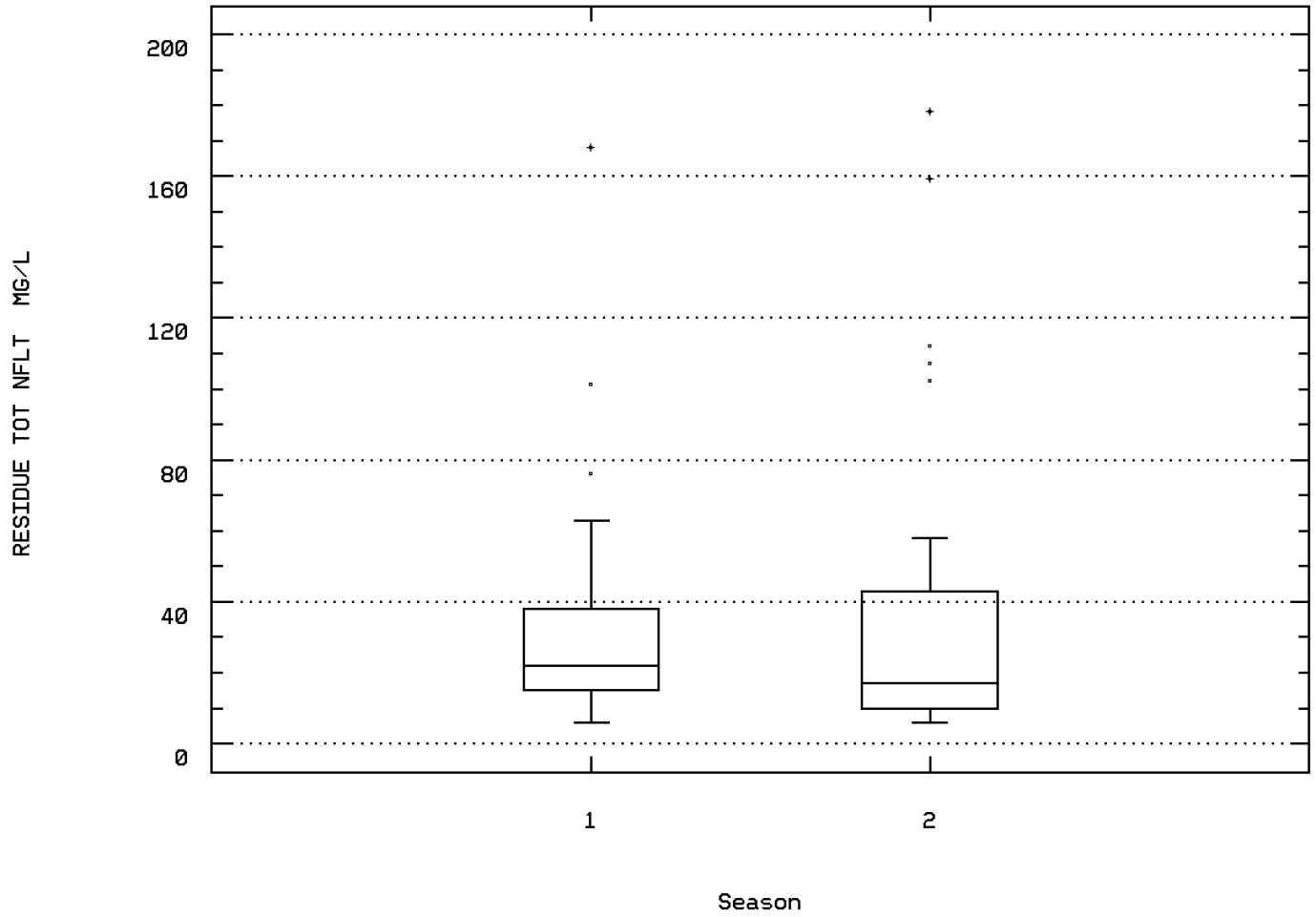
ST JOHNS R OFF DAMES PT



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00530

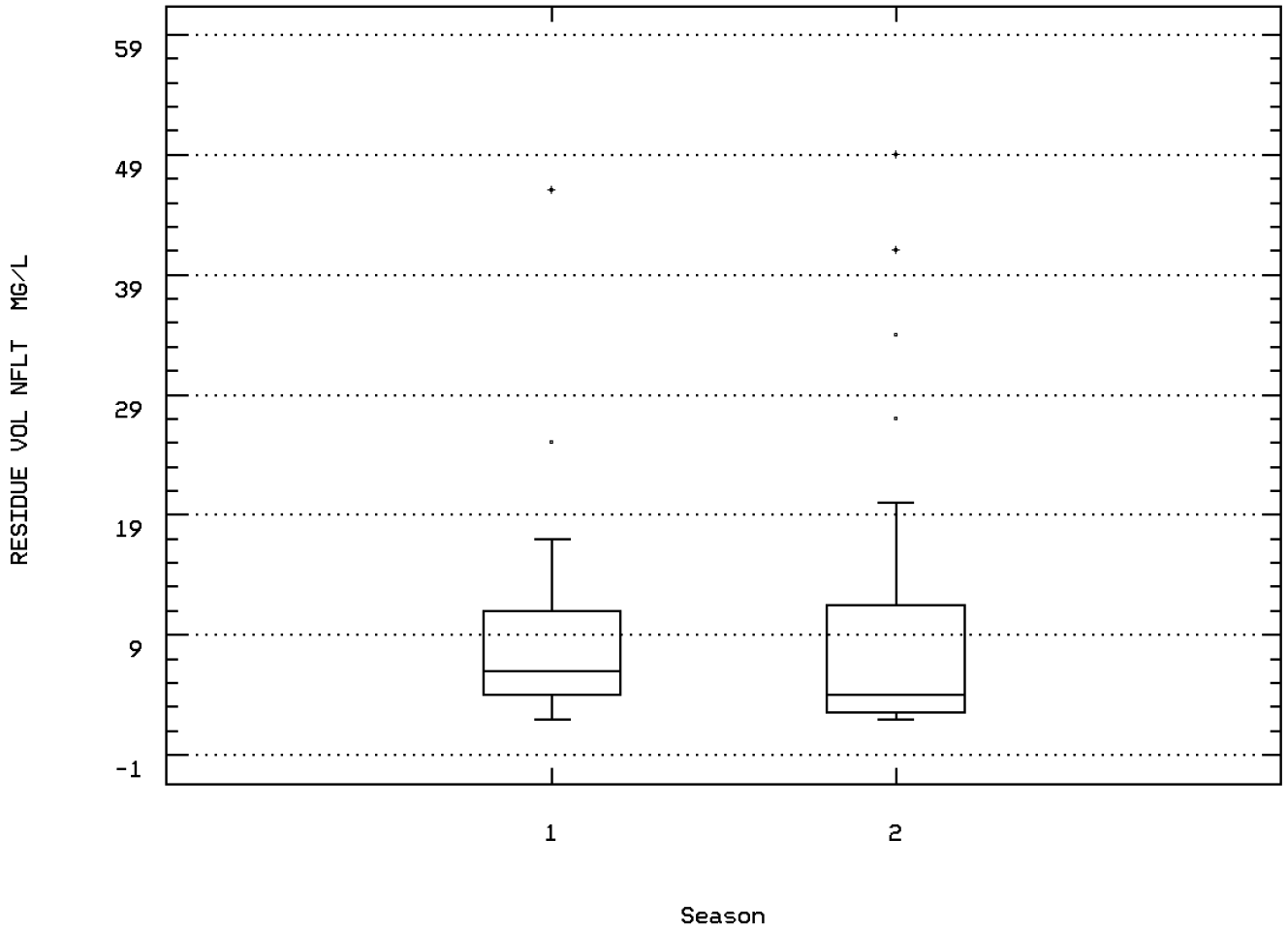
RESIDUE, TOTAL NONFILTRABLE (MG/L)



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00535

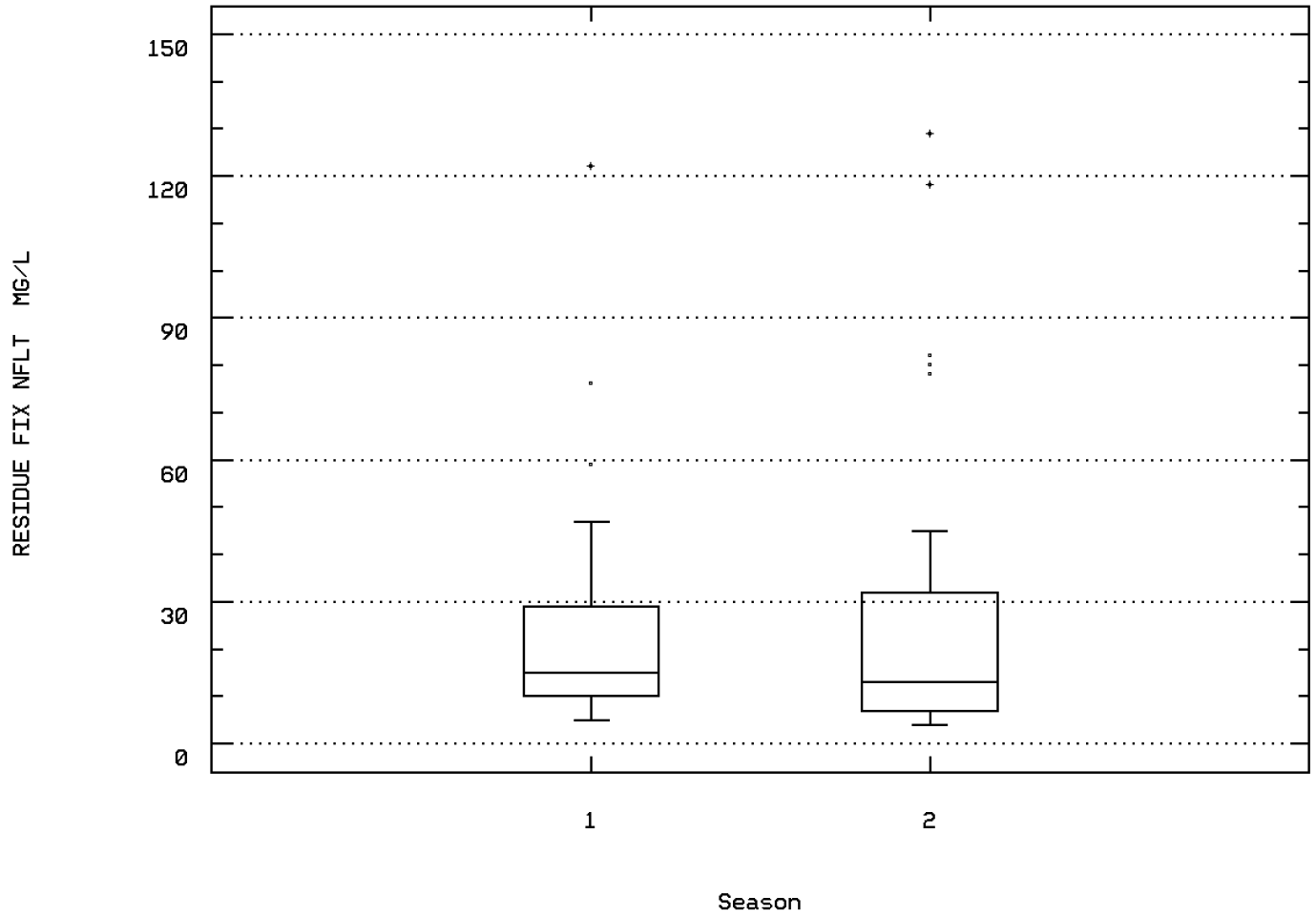
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



ST JOHNS R OFF DAMES PT

Station: TIMU0315 Parameter Code: 00540

RESIDUE, FIXED NONFILTRABLE (MG/L)



ST JOHNS R OFF DAMES PT

Station Inventory for Station: TIMU0316

NPS Station ID: TIMU0316 LAT/LON: 30.552670/ -81.552782 Agency: 21FLA Date Created: / /
Location: ST JOHNS R BUOY 44 DAMES PT FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO STORET Station ID(s): 20030046
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: ST JOHNS ECO Region:
RF1 Index: 03070205002 RF1 Mile Point: 8.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03080103009600.55 RF3 Mile Point: 0.55 Distance from RF3: 0.05 On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM BUOY #44 NEAR QUARANTINE ISLAND
SOUTHEAST OF DAMES POINT

Parameter Inventory for Station: TIMU0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/11/73-07/11/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/73-07/11/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/11/73-07/11/73	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/11/73-07/11/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/11/73-07/11/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/11/73-07/11/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/11/73-07/11/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/73-07/11/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/73-07/11/73	1	9000.	9000.	9000.	9000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0316

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0317

NPS Station ID: TIMU0317
LAT/LON: 30.406393/ -81.552782
Agency: 112WRD
Date Created: 03/31/84
Location: NICHOLS CREEK BOTTOM
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302423081331002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 19.960
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103001907.70
RF3 Mile Point: 12.52
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-11/21/83	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/83-11/21/83	1	18500.	18500.	18500.	18500.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/21/83-11/21/83	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/21/83-11/21/83	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/83-11/21/83	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	4 ##	500.	375.125	500.	0.5	62375.063	249.75	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	4	5.	4.9	8.	1.6	7.08	2.661	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	4	740.	682.5	1100.	150.	154891.667	393.563	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	4	67.5	64.75	120.	4.	2254.25	47.479	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	4	3.25	3.525	5.9	1.7	3.323	1.823	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	4	1.	1.125	2.	0.5	0.396	0.629	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4	3.	3.	5.	1.	2.667	1.633	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	4 ##	1.75	6.75	23.	0.5	118.75	10.897	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	4 ##	7.5	17.5	50.	5.	475.	21.794	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	4	8.	8.75	16.	3.	39.583	6.292	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	4	10.	9.75	17.	2.	48.25	6.946	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	4	520.	544.5	1100.	38.	198374.333	445.392	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0317

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81886 PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0317

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0318

NPS Station ID: TIMU0318
LAT/LON: 30.388948/ -81.553004
Agency: 21FLA
Date Created: 08/26/95
Location: SJR BIC SOUTH BLOUNT IS WWTP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030547
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST. JOHNS RIVER BLOUNT ISLAND CHANNEL 100 YARDS SOUTH OF JPA BLOUNT ISLAND WWTP POD
THIS STATION IS A TEST SITE FOR THE JPA FIFTH YEAR STUDY

Parameter Inventory for Station: TIMU0318

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0319

NPS Station ID: TIMU0319
LAT/LON: 30.390281/ -81.554170
Agency: 112WRD
Date Created: 01/21/84
Location: DAMES PT SITE 3
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302325081331501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 10.940
Distance from RF1: 3.80
On/Off RF1: ON
RF3 Index: 03080103001907.70
RF3 Mile Point: 9.39
Distance from RF3: 0.43
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/05/83-09/09/84	15	0.1	0.119	0.3	0.005	0.01	0.1	0.005	0.005	0.2	0.24

** - 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

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0320

NPS Station ID: TIMU0320
LAT/LON: 30.390281/ -81.554170
Agency: 112WRD
Date Created: 01/21/84
Location: DAMES PT DUPLICATES
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302325081331502
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 10.940
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103249800.00
RF3 Mile Point: 5.56
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/26/83-09/09/84	3	0.06	0.155	0.4	0.005	0.046	0.214	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0321

NPS Station ID: TIMU0321
LAT/LON: 30.415170/ -81.554338
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SCK-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION SCK-7 IS AT SAN CARLOS CREEK NEAR THE NORTHSIDE GENERATING STATION OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	1	27.2	27.2	27.2	27.2	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	1	5270.	5270.	5270.	5270.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0322

NPS Station ID: TIMU0322
LAT/LON: 30.405004/ -81.554531
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-4 IS AT NICHOLS CREEK AT THE MIDDLE REACH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	1	1970.	1970.	1970.	1970.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0323

NPS Station ID: TIMU0323 LAT/LON: 30.548087/ -81.554615 Agency: 11NPSWRD Date Created: 10/10/98
Location: LOFTON CK 50 M UPSTREAM OF CONFLUENCE FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM04
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 04 WAS AT LOFTON CREEK 50 METERS UPSTREAM FROM CONFLUENCE WITH NASSAU RIVER OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 03 PREVIOUSLY WAS LABELED NR10. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	48	5.5	7.452	23.	0.7	42.508	6.52	1.	2.	12.75	17.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	33	23.	22.697	29.5	15.7	31.418	5.605	15.7	16.85	28.9	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	23.	24.571	33.3	18.4	29.542	5.435	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	40.	46.286	100.	0.	1536.571	39.199	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	8.	9.071	17.	3.5	23.036	4.8	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	0.9	0.806	1.04	0.44	0.055	0.235	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	33	37445.	32510.758	42039.	469.	159293824.752	12621.166	6938.2	36528.	39804.	41646.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	33	6.2	6.209	8.3	4.6	1.581	1.257	4.6	5.1	7.3	8.12
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	33	79.5	79.639	92.3	68.8	45.202	6.723	69.2	76.05	83.2	91.42
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	8	1.	0.875	1.	0.5	0.054	0.231	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	33	7.42	7.4	7.66	6.95	0.027	0.164	7.214	7.33	7.515	7.63
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	33	7.42	7.369	7.66	6.95	0.028	0.167	7.214	7.33	7.515	7.63
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	33	0.038	0.043	0.112	0.022	0.	0.018	0.023	0.031	0.047	0.061
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	33	23.7	20.576	27.	0.2	67.274	8.202	4.06	23.1	25.4	26.74
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	8	24.	23.375	33.	12.	47.125	6.865	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	8	0.021	0.03	0.077	0.005	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	8	0.46	0.466	0.897	0.131	0.059	0.243	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	8	0.063	0.07	0.111	0.058	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	8	4584.	3918.75	5370.	50.	3759807.929	1939.022	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	7	601000.	488077.143	688000.	7540.60	193461657.143	245343.558	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	8	13314.	10979.	15095.	96.	28186429.143	5309.089	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	7	509.	640.571	1210.	315.	114694.286	338.665	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	7 ##	0.5	0.786	2.	0.5	0.321	0.567	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	6 ##	1.5	1.667	2.5	1.5	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	7 ##	2.5	5.714	12.	2.5	18.405	4.29	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	7	1150.	1305.714	2632.	744.	404444.571	635.96	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	7 ##	1.5	1.786	2.5	1.5	0.238	0.488	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	7 ##	2.5	4.	13.	2.5	15.75	3.969	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	8	0.029	0.029	0.043	0.017	0.	0.008	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	6	9.5	9.867	17.2	5.	20.347	4.511	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0323

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	33	0	0.00	25	0	0.00	8	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	33	0	0.00	25	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	33	0	0.00	25	0	0.00	8	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	7	0	0.00	5	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	7	0	0.00	5	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	7	0	0.00	5	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	7	0	0.00	5	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	7	0	0.00	5	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	7	1	0.14	5	1	0.20	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	7	0	0.00	5	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	5	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0324

NPS Station ID: TIMU0324
LAT/LON: 30.385087/ -81.555060
Agency: 11NPSWRD
Date Created: 08/29/98
Location: ST. JOHNS RIVER AT DAMES POINT TURN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SJ_H
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION H WAS AT THE ST. JOHNS RIVER AT DAMES POINT TURN AT THE FORK OF THE ST. JOHNS RIVER AND THE DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN FROM THE SURFACE AND THE BOTTOM OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION H WAS DETERMINED FROM FIGURE 2.5-13 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0324

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/08/74-04/23/74	8	1638.5	1638.5	3277.	0.	3068208.286	1751.63	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/08/74-04/23/74	3	1.6	1.567	2.	1.1	0.203	0.451	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/74-04/23/74	4	29.5	28.	38.	15.	95.333	9.764	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/08/74-04/23/74	8	13.9	16.138	25.	10.9	31.491	5.612	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/74-04/23/74	4	40.	40.	50.	30.	90.667	9.522	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/08/74-04/23/74	8 ##	0.	0.105	0.28	0.	0.021	0.145	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/08/74-04/23/74	8	0.07	0.076	0.16	0.03	0.001	0.037	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/08/74-04/23/74	8	0.7	0.84	1.4	0.42	0.174	0.417	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/08/74-04/23/74	8	0.855	1.035	2.92	0.11	0.915	0.956	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/08/74-04/23/74	8	0.09	0.081	0.1	0.05	0.	0.019	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/74-04/23/74	4	12.	12.	19.	5.	33.333	5.774	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/74-04/23/74	4	50.	50.	50.	50.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/08/74-04/23/74	8	0.04	0.039	0.04	0.03	0.	0.004	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/23/74-04/23/74	4	0.35	0.323	0.5	0.09	0.031	0.175	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/74-04/23/74	4	0.065	0.063	0.07	0.05	0.	0.01	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/74-04/23/74	4	0.025	0.023	0.03	0.01	0.	0.01	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/74-04/23/74	4	2.95	2.975	3.3	2.7	0.076	0.275	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0324

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Marine Acute	2.9	8	0	0.00	4	0	0.00	4	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	4	0	0.00	4	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	4	4	1.00	4	4	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0325

NPS Station ID: TIMU0325
LAT/LON: 30.413892/ -81.555005
Agency: 21FLA
Date Created: / /
Location: NORTHSIDE POWER PT INTAKE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/MUN/INTAKE/AMBNT/STREAM
STORET Station ID(s): 20031571
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080103000500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
NORTHSIDE GENERATING STATION POWER PLANT INTAKE

Parameter Inventory for Station: TIMU0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/70-09/23/77	504	0.	0.002	1.	0.	0.002	0.045	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/70-12/31/70	503	26.	23.467	31.	2.	33.261	5.767	14.	18.	28.	29.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/77-09/23/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/23/77-09/23/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/23/77-09/23/77	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/77-09/23/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/23/77-09/23/77	1	450.	450.	450.	450.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/77-09/23/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/23/77-09/23/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
74008	POWER PLANT LOAD IN MEGAWATTS-METER READING	01/01/70-12/31/70	503	0.	0.	0.	0.	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: TIMU0325

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0326

NPS Station ID: TIMU0326
LAT/LON: 30.413892/ -81.555005
Agency: 21FLA
Date Created: / /
Location: JAX N PWR STA DISCH ST. JOHNS R
FIPS State/County: FLORIDA/
Station Type: /IND/PTRTMT/OUTFL/LAKE/OCEAN
STORET Station ID(s): 302450008133180
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 5
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
JACKSONVILLE ELECTRIC AUTHORITY NORTHSIDE STATION. DISCHARGE IN ST. JOHNS RIVER.

Parameter Inventory for Station: TIMU0326

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0327

NPS Station ID: TIMU0327 LAT/LON: 30.413892/ -81.555005 Agency: 21FLA Date Created: / /
Location: JAX N PWR STA DISCH ST. JOHNS R FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20031572
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: ST JOHNS ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080103009600.47 RF3 Mile Point: 0.47 Distance from RF3: 0.10 On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS JACKSONVILLE ELECTRIC AUTHORITY NORTHSIDE STATION DISCHARGE IN ST. JOHNS RIVER.

Parameter Inventory for Station: TIMU0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/21/77-09/21/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/21/77-09/21/77	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/21/77-09/21/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/21/77-09/21/77	1	480.	480.	480.	480.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/21/77-09/21/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/21/77-09/21/77	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/21/77-09/21/77	1	75.	75.	75.	75.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/21/77-09/21/77	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: TIMU0327

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0328

NPS Station ID: TIMU0328
LAT/LON: 30.417504/ -81.555559
Agency: 112WRD
Date Created: 04/14/78
Location: D-1149 J-1138 JEA#4
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302503081332001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 03080103249400.00
RF3 Mile Point: 0.38
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/79-04/20/94	51	25.	25.053	30.	20.	3.385	1.84	22.5	24.	26.	26.66
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/76-04/20/94	52	500.	481.577	552.	240.	4097.347	64.011	411.9	483.5	510.	524.7
00400	PH (STANDARD UNITS)	07/30/92-07/30/92	1	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/30/92-07/30/92	1	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/92-07/30/92	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/30/92-07/30/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/30/92-07/30/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/92-07/30/92	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/78-09/01/78	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/01/78-09/01/78	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/76-04/24/81	10	230.	233.2	250.	220.	98.844	9.942	220.4	227.	239.5	250.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/01/78-09/01/78	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/78-07/30/92	2	57.5	57.5	60.	55.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/78-07/30/92	2	25.	25.	27.	23.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/01/78-07/30/92	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/01/78-09/01/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/01/78-09/01/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/01/78-07/30/92	2	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/76-04/20/94	55	20.	19.782	24.	15.	2.581	1.607	18.	19.	20.	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/78-07/30/92	8	80.	76.5	84.	56.	85.714	9.258	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/01/78-09/01/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/01/78-09/01/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/78-09/01/78	1	790.	790.	790.	790.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/01/78-07/30/92	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/17/80-04/20/94	35	-22.15	-18.147	27.2	-28.	194.057	13.93	27.12	-20.35	-23.8	-26.88
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	01/17/80-04/20/94	35	32.9	33.064	38.	27.	7.684	2.772	29.89	31.3	35.35	37.08

** - 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: TIMU0328

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - 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: TIMU0328

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	55	0	0.00	37	0	0.00	18	0	0.00						
		Drinking Water	250.	55	0	0.00	37	0	0.00	18	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	5	0	0.00	3	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/79-04/20/94	34	25.5	25.344	30.	20.	3.526	1.878	23.	24.5	26.5	27.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/76-04/20/94	34	497.	466.412	525.	240.	5271.886	72.608	340.	446.75	504.	518.5
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/76-04/20/94	37	20.	20.054	24.	16.	2.719	1.649	18.	19.	21.	22.2
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/17/80-04/20/94	22	-22.05	-18.648	27.2	-27.	159.501	12.629	13.94	-20.063	-23.763	-26.71
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	01/17/80-04/20/94	22	32.425	32.6	37.2	27.	8.168	2.858	28.045	30.65	34.188	36.94

** - 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

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/79-04/20/94	17	25.	24.471	26.5	20.	2.765	1.663	22.	23.75	25.5	26.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/76-04/20/94	18	510.	510.222	552.	458.	729.595	27.011	474.2	487.25	525.75	550.2
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/76-04/20/94	18	20.	19.222	21.	15.	1.948	1.396	16.8	19.	20.	20.1
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/17/80-04/20/94	13	-23.2	-17.3	27.	-28.	269.464	16.415	16.8	-21.125	-25.075	-27.88
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	01/17/80-04/20/94	13	33.5	33.85	38.	30.95	6.414	2.533	31.03	31.425	36.275	37.88

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0329

NPS Station ID: TIMU0329
LAT/LON: 30.414865/ -81.555727
Agency: 11NPSWRD
Date Created: 08/29/98
Location: SAN CARLOS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SC_2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 2 WAS AT SAN CARLOS CREEK UPSTREAM OF THE JACKSONVILLE ELECTRIC AUTHORITY NORTHSIDE GENERATING STATION OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 2 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	44.4	44.4	44.4	44.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0329

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0330

NPS Station ID: TIMU0330
LAT/LON: 30.405753/ -81.555782
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-5 IS AT NICHOLS CREEK AT THE MIDDLE REACH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1945.	1945.	2140.	1750.	76050.	275.772	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0331

NPS Station ID: TIMU0331
LAT/LON: 30.406948/ -81.556031
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-6 IS AT NICHOLS CREEK AT THE MIDDLE REACH OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1675.	1675.	1690.	1660.	450.	21.213	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0332

NPS Station ID: TIMU0332
LAT/LON: 30.385004/ -81.556754
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R BUOY 47 QUARANTINE IS
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030051
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 21.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103009600.24
RF3 Mile Point: 0.23
Distance from RF3: 0.10
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM BUOY #47 OPPOSITE QUARANTINE ISLAND

Parameter Inventory for Station: TIMU0332

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0333

NPS Station ID: TIMU0333 | LAT/LON: 30.384753/ -81.556976 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST. JOHNS RIVER AT DAMES POINT TURN | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_JEA_SJ_5
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 5 WAS AT THE ST. JOHNS RIVER AT DAMES POINT TURN AT THE FORK OF THE ST. JOHNS RIVER AND THE DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 5 WAS DETERMINED FROM FIGURE 2.5-13 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-03/21/73	4	18.95	18.95	19.9	18.	1.203	1.097	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-03/22/73	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/21/73-03/21/73	4	7.9	7.85	8.1	7.5	0.063	0.252	**	**	**	**
00400	PH (STANDARD UNITS)	03/21/73-03/21/73	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/21/73-03/21/73	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/73-03/21/73	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/21/73-03/21/73	4	11.2	11.2	12.1	10.3	1.08	1.039	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/21/73-03/22/73	2	21.	21.	23.	19.	8.	2.828	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/21/73-03/22/73	2	39.5	39.5	41.	38.	4.5	2.121	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/21/73-03/22/73	2	0.525	0.525	0.55	0.5	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/21/73-03/22/73	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/22/73	2	0.12	0.12	0.165	0.075	0.004	0.064	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/21/73-03/22/73	2	0.038	0.038	0.045	0.031	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/73-03/22/73	2	10.	10.	11.	9.	2.	1.414	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/21/73-03/22/73	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/21/73-03/22/73	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/21/73-03/22/73	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/21/73-03/22/73	2	470.	470.	480.	460.	200.	14.142	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	03/21/73-03/22/73	2	0.245	0.245	0.27	0.22	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0333

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00				2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				4	0	0.00						
00400	PH	Marine Chronic	8.5	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	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: TIMU0334

NPS Station ID: TIMU0334
LAT/LON: 30.384726/ -81.557004
Agency: 11NPSWRD
Date Created: 08/29/98
Location: ST. JOHNS RIVER AT DAMES POINT TURN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SJ_BI5/BI14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION WAS AT THE ST. JOHNS RIVER AT DAMES POINT TURN AT THE FORK OF THE ST. JOHNS RIVER AND THE DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF THE STATION WAS DETERMINED FROM FIGURE 2.5-13 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-06/07/72	1	14000.	14000.	14000.	14000.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/07/72-06/07/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/07/72-06/07/72	1	37.2	37.2	37.2	37.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/72-06/07/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/72-06/07/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/72-06/07/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/07/72-06/07/72	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	06/07/72-06/07/72	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/07/72-06/07/72	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/72-06/07/72	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/72-06/07/72	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/72-06/07/72	1	1591.	1591.	1591.	1591.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/72-06/07/72	1	117.2	117.2	117.2	117.2	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/72-06/07/72	1	315.1	315.1	315.1	315.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/07/72-06/07/72	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/07/72-06/07/72	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/72-06/07/72	1	4610.	4610.	4610.	4610.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/72-06/07/72	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/07/72-06/07/72	1	22.8	22.8	22.8	22.8	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/07/72-06/07/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/07/72-06/07/72	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/07/72-06/07/72	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/07/72-06/07/72	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	06/07/72-06/07/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/07/72-06/07/72	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/07/72-06/07/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/72-06/07/72	1	9123.	9123.	9123.	9123.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/07/72-06/07/72	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0334

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0335

NPS Station ID: TIMU0335
LAT/LON: 30.406726/ -81.557004
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-7 IS AT NICHOLS CREEK AT THE HEADWATERS OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-04/15/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-04/15/80	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-04/15/80	1	1680.	1680.	1680.	1680.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0336

NPS Station ID: TIMU0336
LAT/LON: 30.384753/ -81.556976
Agency: 11NPSWRD
Date Created: 08/29/98
Location: ST. JOHNS RIVER AT DAMES POINT TURN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SJ_11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 11 WAS AT THE ST. JOHNS RIVER AT DAMES POINT TURN AT THE FORK OF THE ST. JOHNS RIVER AND THE DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). COMPOSITE SAMPLES WERE TAKEN AT THIS STATION. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 11 WAS DETERMINED FROM FIGURE 2.5-13 OF THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	08/16/73-08/16/73	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/73-08/16/73	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/73-08/16/73	1	7.61	7.61	7.61	7.61	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/73-08/16/73	1	7.61	7.61	7.61	7.61	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/73-08/16/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/73-08/16/73	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.061	0.061	0.061	0.061	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/16/73-08/16/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/16/73-08/16/73	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/16/73-08/16/73	1	0.111	0.111	0.111	0.111	0.	0.	**	**	**	**
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	08/16/73-08/16/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/73-08/16/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	08/16/73-08/16/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/16/73-08/16/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/16/73-08/16/73	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/16/73-08/16/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/16/73-08/16/73	1	120.	120.	120.	120.	0.	0.	**	**	**	**
49560	TOTAL PETROLEUMHYDROCARBONS,GC-MS,TOTAL WATER MG/L	08/16/73-08/16/73	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/16/73-08/16/73	1	21.9	21.9	21.9	21.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0336

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	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: TIMU0337

NPS Station ID: TIMU0337
LAT/LON: 30.442503/ -81.558337
Agency: 112WRD
Date Created: 04/14/78
Location: DS-0265
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302633081333003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 03080103000500.09
RF3 Mile Point: 0.08
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0337

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046 IRON, DISSOLVED (UG/L AS FE)	10/04/76-10/04/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0338

NPS Station ID: TIMU0338
LAT/LON: 30.405670/ -81.558448
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NI_7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 7 WAS AT NICHOLS CREEK OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 7 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	42.7	42.7	42.7	42.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0338

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0339

NPS Station ID: TIMU0339
LAT/LON: 30.405698/ -81.558503
Agency: 11NPSWRD
Date Created: 08/29/98
Location: NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NCK-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NCK-8 IS AT NICHOLS CREEK AT THE HEADWATERS OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). THE STUDY WAS CONDUCTED TO DETERMINE IF THE THERMAL DISCHARGE FROM THE NORTHSIDE GENERATING STATION AFFECTED THE BIOLOGICAL COMMUNITIES. DATA WERE PUBLISHED IN THE REPORT "NORTHSIDE GENERATING STATION NPDES PERMIT BIOMONITORING PROGRAM" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE APPROXIMATE STATION LOCATION WAS SHOWN ON FIGURE C-2 OF THE REPORT. SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF THE MONTH INDICATED IN THE REPORT. DATA WERE UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0339

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/80-07/15/80	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/15/80-07/15/80	2	19.5	19.5	24.	15.	40.5	6.364	**	**	**	**
70961	PRODUCTIVITY, PRIMARY, GROSS (MGC/CU M/DAY)	04/15/80-07/15/80	2	1750.	1750.	1860.	1640.	24200.	155.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0340

NPS Station ID: TIMU0340
LAT/LON: 30.384699/ -81.558699
Agency: 11NPSWRD
Date Created: 08/29/98
Location: ST. JOHNS RIVER AT DAMES POINT TURN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_SJ_4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 4 WAS AT THE ST. JOHNS RIVER AT DAMES POINT TURN AT THE FORK OF THE ST. JOHNS RIVER AND THE DAMES POINT-FULTON CUTOFF OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). AT THIS STATION SAMPLES WERE TAKEN AT THE EPILIMNION AND HYPOLIMNION LAYERS OF THE ST. JOHNS RIVER. DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 4 WAS DETERMINED FROM FIGURE 2.5-13 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-03/21/73	4	16.35	16.7	18.1	16.	0.9	0.949	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-03/22/73	4	30.5	29.25	33.	23.	22.917	4.787	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/21/73-03/21/73	4	8.5	8.5	9.	8.	0.333	0.577	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/21/73-03/21/73	3	2.5	2.633	3.3	2.1	0.373	0.611	**	**	**	**
00400	PH (STANDARD UNITS)	03/21/73-03/21/73	4	7.825	8.313	9.9	7.7	1.127	1.062	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/21/73-03/21/73	4	7.819	7.899	9.9	7.7	1.355	1.164	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/73-03/21/73	4	0.015	0.013	0.02	0.	0.	0.009	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/21/73-03/21/73	4	21.9	20.85	23.8	15.8	12.677	3.56	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	03/21/73-03/22/73	4	34.5	37.25	60.	20.	364.917	19.103	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/21/73-03/22/73	4	56.	61.25	95.	38.	748.917	27.366	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/21/73-03/22/73	4	0.475	0.488	0.7	0.3	0.037	0.193	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/21/73-03/22/73	4	0.085	0.085	0.12	0.05	0.001	0.035	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/22/73	4	0.098	0.108	0.175	0.06	0.002	0.049	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/21/73-03/22/73	4	0.039	0.054	0.109	0.029	0.001	0.037	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/73-03/22/73	4	14.	13.	14.	10.	4.	2.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/21/73-03/22/73	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/21/73-03/22/73	4	0.35	0.35	0.5	0.2	0.017	0.129	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/21/73-03/22/73	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/21/73-03/22/73	4	725.	725.	800.	650.	4166.667	64.55	**	**	**	**
50787	PHOSPHATE, TOTAL AS P, WATER MG/L	03/21/73-03/22/73	4	0.295	0.28	0.38	0.15	0.013	0.113	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0340

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				4	0	0.00						
00400	PH	Marine Chronic	8.5	4	1	0.25				4	1	0.25						
		Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						
01051	LEAD, TOTAL	Marine Acute	220.	4	0	0.00				4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0341

NPS Station ID: TIMU0341
Location: DS-0260
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: U
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103260900.00
Description:

LAT/LON: 30.353615/ -81.560282

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.26

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302113081333703
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 7.60
Distance from RF3: 0.10

Date Created: 04/14/78

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	10/04/76-10/04/76	1	170.	170.	170.	170.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0342

NPS Station ID: TIMU0342
LAT/LON: 30.353615/ -81.560282
Agency: 112WRD
Date Created: 04/14/78
Location: DS-0248
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302113081333701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 03080103009600.06
RF3 Mile Point: 0.06
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/04/77-05/04/77	1	10.29	10.29	10.29	10.29	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/04/77-05/04/77	1	34.71	34.71	34.71	34.71	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0343

NPS Station ID: TIMU0343
LAT/LON: 30.383977/ -81.561198
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT DAMES POINT BRIDGE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	121	22.	22.017	32.	10.5	35.727	5.977	13.5	16.6	28.	29.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	17	27.4	25.312	32.	14.	32.607	5.71	15.6	20.5	29.7	31.6
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	58	0.	19.948	100.	0.	1000.857	31.636	0.	0.	51.25	70.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	59	0.76	0.82	1.68	0.	0.087	0.295	0.46	0.67	0.91	1.2
00080	COLOR (PLATINUM-COBALT UNITS)	10/22/86-07/20/88	19	65.	58.842	86.	18.	306.918	17.519	33.	45.	72.	80.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	115	27094.	25828.33	47000.	3197.	105962699.381	10293.819	11048.	17893.	33600.	38497.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	119	7.1	6.983	10.8	4.2	1.975	1.405	5.1	5.7	8.	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	101	1.2	1.216	3.4	0.	0.47	0.686	0.42	0.7	1.65	2.08
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	118	7.675	7.49	8.5	6.2	0.241	0.491	6.6	7.297	7.8	7.951
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	118	7.675	7.151	8.5	6.2	0.356	0.597	6.6	7.297	7.8	7.951
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	118	0.021	0.071	0.631	0.003	0.012	0.11	0.011	0.016	0.05	0.251
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	116	18.	17.215	32.	1.	55.383	7.442	6.21	12.	22.9	27.72
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	117	22.	30.282	500.	0.	2152.842	46.399	13.	17.	32.	46.
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	85	0.83	0.834	2.	0.1	0.1	0.316	0.442	0.65	0.98	1.174
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	115	0.06	0.055	0.24	0.	0.001	0.035	0.015	0.03	0.07	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	119	0.7	0.711	1.99	0.	0.15	0.387	0.25	0.5	0.84	1.17
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	114	0.125	0.151	0.49	0.	0.009	0.095	0.05	0.07	0.22	0.285
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	120	0.1	0.094	0.26	0.	0.002	0.04	0.05	0.07	0.11	0.14
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	4	356.	425.75	711.	280.	37769.583	194.344	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	115	10183.	10043.939	18619.	0.	20299595.742	4505.507	3574.	6623.	13996.	15600.2
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	4 ##	33.75	79.5	248.	2.5	13486.833	116.133	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	4 ##	2.5	2.5	4.	1.	1.5	1.225	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	4	336.5	366.5	525.	268.	13048.333	114.229	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-04/11/96	2 ##	18.	18.	26.	10.	128.	11.314	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	20.	20.	40.	0.	800.	28.284	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	100	170.	317.55	1600.	10.	160149.038	400.186	30.	80.	300.	900.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	100	2.23	2.218	3.204	1.	0.263	0.513	1.477	1.903	2.477	2.954
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			165.261								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	21	50.	79.429	300.	2.	8006.857	89.481	3.	20.	105.	272.

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Parameter Inventory for Station: TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	21	1.699	1.588	2.477	0.301	0.385	0.62	0.41	1.296	2.009	2.434
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			38.711								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	85	40.	69.259	1300.	2.	21738.242	147.439	10.	15.	80.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	85	1.602	1.526	3.114	0.301	0.257	0.507	1.	1.172	1.903	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.564								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	58	3.25	3.958	25.7	0.	16.451	4.056	1.099	1.995	4.25	6.23
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/11/87-04/14/87	2	8.15	8.15	10.7	5.6	13.005	3.606	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	59	0.05	0.058	0.18	0.	0.002	0.039	0.015	0.03	0.08	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	16 ##	0.725	1.116	2.	0.1	0.671	0.819	0.275	0.35	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/22/86-01/12/88	11	42.	43.364	55.	38.	18.255	4.273	38.6	42.	44.	53.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	96	6.2	6.367	19.	0.	13.434	3.665	1.47	4.325	8.35	10.44
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	93	11.9	14.387	44.	5.5	85.089	9.224	8.84	11.	12.5	40.

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EPA Water Quality Criteria Analysis for Station: TIMU0343

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	119	0	0.00	71	0	0.00	48	0	0.00						
00400	PH	Fresh Chronic	9.	118	0	0.00	70	0	0.00	48	0	0.00						
		Other-Lo Lim.	6.5	118	6	0.05	70	4	0.06	48	2	0.04						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	114	0	0.00	70	0	0.00	44	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	115	114	0.99	67	67	1.00	48	47	0.98						
		Drinking Water	250.	115	114	0.99	67	67	1.00	48	47	0.98						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	15.	2	1	0.50	1	0	0.00	1	1	1.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	100	7	0.07	58	4	0.07	42	3	0.07						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	21	3	0.14	10	1	0.10	11	2	0.18						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	85	4	0.05	54	3	0.06	31	1	0.03						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	96	0	0.00	59	0	0.00	37	0	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 1986 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	8	26.	24.688	30.	16.	28.138	5.305	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	4	27579.5	25959.5	33679.	15000.	62344320.333	7895.842	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	8	7.3	6.887	8.5	5.3	1.547	1.244	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	4	0.95	1.15	2.1	0.6	0.43	0.656	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	7	7.6	7.543	8.1	6.6	0.286	0.535	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	7	7.6	7.231	8.1	6.6	0.399	0.632	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	7	0.025	0.059	0.251	0.008	0.008	0.087	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	3	20.	20.667	24.	18.	9.333	3.055	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	4	26.	30.75	52.	19.	214.25	14.637	**	**	**	**
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	5	0.4	0.56	1.32	0.1	0.228	0.478	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	4	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	7	0.3	0.386	1.1	0.	0.168	0.41	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	8	0.14	0.148	0.3	0.	0.008	0.09	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	8	0.11	0.131	0.2	0.08	0.002	0.047	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	4	15713.5	15282.5	17166.	12537.	4466428.333	2113.393	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	3	140.	606.667	1600.	80.	740933.333	860.775	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	3	2.146	2.418	3.204	1.903	0.479	0.692	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			261.685								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	10.	14.6	33.	10.	105.8	10.286	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	1.	1.104	1.519	1.	0.054	0.232	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.697								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	3	9.5	9.233	13.	5.2	15.263	3.907	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	5	12.8	12.08	12.8	11.	0.972	0.986	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	20.25	21.25	29.	12.	39.803	6.309	12.06	16.2	27.875	28.7
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	30800.	26299.75	43900.	4270.	146902198.568	12120.322	6311.2	14250.	33500.	42280.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	8.	7.209	9.7	4.2	3.581	1.892	4.34	5.	8.5	9.56
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.75	1.817	2.9	1.	0.365	0.604	1.06	1.25	2.3	2.81
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.7	7.642	8.5	6.7	0.177	0.421	6.85	7.525	7.775	8.32
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.7	7.425	8.5	6.7	0.228	0.478	6.85	7.525	7.775	8.32
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.02	0.038	0.2	0.003	0.003	0.053	0.006	0.017	0.03	0.159
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	21.	18.833	32.	5.	80.152	8.953	5.9	10.	25.75	31.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	37.5	45.417	110.	15.	704.629	26.545	17.4	30.	53.	101.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.06	0.076	0.18	0.06	0.001	0.035	0.06	0.06	0.085	0.153
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.2	0.375	1.4	0.	0.168	0.409	0.03	0.1	0.675	1.19
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.1	0.118	0.22	0.05	0.003	0.056	0.053	0.073	0.165	0.214
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.11	0.117	0.24	0.04	0.003	0.057	0.046	0.08	0.143	0.228
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	12801.5	10983.5	18243.	1428.	25857842.091	5085.061	2516.7	6271.5	14959.75	17446.2
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	175.	378.083	1600.	27.	230351.356	479.949	27.9	80.	675.	1390.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.228	2.271	3.204	1.431	0.31	0.557	1.445	1.894	2.797	3.129
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			186.433								
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	5	40.	40.	40.	40.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	22.	21.627	29.5	10.5	42.248	6.5	10.8	16.	28.	29.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	9	23000.	23900.	33700.	11700.	66565000.	8158.738	11700.	16550.	32950.	33700.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	7.7	7.927	10.8	6.	2.104	1.451	6.02	6.5	8.7	10.52
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	1.1	1.273	2.1	0.8	0.232	0.482	0.8	0.9	1.8	2.08
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.8	7.65	8.	6.7	0.167	0.409	6.76	7.375	7.925	8.
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.8	7.413	8.	6.7	0.23	0.479	6.76	7.375	7.925	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	10	0.016	0.039	0.2	0.01	0.003	0.058	0.01	0.012	0.042	0.185
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	15.	15.	25.	8.	28.2	5.31	8.	11.	20.	24.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	25.	26.091	38.	15.	77.091	8.78	15.	18.	35.	38.
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	5	0.89	0.794	0.99	0.37	0.063	0.251	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	9	0.06	0.065	0.1	0.06	0.	0.013	0.06	0.06	0.063	0.1
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	11	0.41	0.474	0.7	0.3	0.02	0.142	0.3	0.4	0.6	0.7
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	9	0.21	0.194	0.49	0.05	0.022	0.149	0.05	0.06	0.28	0.49
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	11	0.08	0.09	0.15	0.01	0.002	0.04	0.022	0.07	0.13	0.146
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	9	8562.	9312.667	14971.	4454.	13039667.25	3611.048	4454.	6079.	12858.	14971.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	240.	636.	1600.	26.	333292.	577.314	54.8	220.	900.	1600.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	2.38	2.575	3.204	1.415	0.289	0.537	1.578	2.342	2.954	3.204
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			375.748								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	70.	66.6	90.	23.	662.8	25.745	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	1.845	1.782	1.954	1.362	0.057	0.239	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.513								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	5	8.	9.66	17.	6.8	17.478	4.181	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	10	26.1	26.29	44.	11.3	235.408	15.343	11.33	11.825	40.	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

Annual Analysis for 1989 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.	21.958	29.5	14.	33.884	5.821	14.15	16.25	26.875	29.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	35159.	34648.75	44200.	21800.	49745908.932	7053.078	23388.2	28125.	40973.5	43709.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	6.5	6.573	9.2	4.9	2.184	1.478	4.96	5.2	7.5	9.12
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.35	1.292	1.9	0.3	0.172	0.414	0.45	1.2	1.5	1.84
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.718	7.98	6.6	0.137	0.37	6.9	7.7	7.9	7.974
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.452	7.98	6.6	0.214	0.463	6.9	7.7	7.9	7.974
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.016	0.035	0.251	0.01	0.005	0.068	0.011	0.013	0.02	0.183
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	24.	23.083	29.	18.	16.629	4.078	18.	19.	26.	28.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	23.5	25.583	47.	14.	101.356	10.068	14.9	17.75	30.5	45.5
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.655	0.716	1.56	0.17	0.16	0.4	0.194	0.453	1.038	1.413
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.069	0.085	0.15	0.05	0.001	0.035	0.053	0.06	0.115	0.148
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.6	0.618	1.4	0.1	0.138	0.372	0.13	0.333	0.875	1.286
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.06	0.098	0.26	0.05	0.005	0.07	0.05	0.05	0.158	0.233
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.085	0.088	0.14	0.06	0.001	0.025	0.06	0.07	0.098	0.137
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	13829.	13242.	17230.	7630.	8131110.182	2851.51	8326.6	10875.	15089.5	17042.5
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	110.	154.333	500.	14.	30584.061	174.883	16.7	26.25	215.	500.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.034	1.914	2.699	1.146	0.284	0.533	1.211	1.418	2.322	2.699
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			82.011								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	21.5	44.5	130.	2.	2341.364	48.388	2.	2.5	87.5	127.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.296	1.241	2.114	0.301	0.527	0.726	0.301	0.376	1.941	2.104
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.401								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	6.	6.773	14.	4.7	8.14	2.853	4.72	5.	8.2	13.12
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	12	11.9	11.825	12.5	10.7	0.264	0.514	10.88	11.375	12.2	12.41

** - 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 1990 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.75	22.208	29.	11.5	35.521	5.96	12.55	17.125	28.	28.85
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	30150.	31100.	38200.	23900.	27038181.818	5199.825	24050.	26950.	36400.	38200.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.75	6.525	9.4	4.8	2.082	1.443	4.8	5.1	7.475	8.95
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.3	1.258	1.7	0.5	0.117	0.342	0.59	1.125	1.475	1.7
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.7	7.683	7.9	7.4	0.022	0.147	7.43	7.6	7.775	7.9
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.7	7.66	7.9	7.4	0.022	0.149	7.43	7.6	7.775	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.02	0.022	0.04	0.013	0.	0.008	0.013	0.017	0.025	0.037
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	20.5	21.833	29.	16.	23.606	4.859	16.	18.	27.75	28.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	19.5	25.833	74.	12.	287.97	16.97	12.6	15.25	31.5	62.3
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.825	0.826	0.98	0.61	0.012	0.109	0.622	0.793	0.898	0.971
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.05	0.064	0.11	0.05	0.001	0.023	0.05	0.05	0.085	0.107
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.795	0.763	0.88	0.57	0.009	0.097	0.594	0.683	0.84	0.877
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	8	0.085	0.094	0.21	0.03	0.004	0.06	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.1	0.1	0.13	0.07	0.	0.013	0.079	0.1	0.1	0.121
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	11651.5	12417.167	16245.	8025.	5840441.788	2416.701	8672.4	10785.5	14713.75	15795.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	120.	189.167	900.	30.	57790.152	240.396	30.	50.	235.	720.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.078	2.057	2.954	1.477	0.193	0.44	1.477	1.699	2.371	2.811
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			113.906								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	23.	40.75	130.	7.	1496.932	38.69	7.3	9.25	72.5	115.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.362	1.42	2.114	0.845	0.191	0.437	0.862	0.956	1.852	2.051
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.288								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	6.95	6.85	12.	3.5	7.461	2.731	3.59	4.225	8.375	11.7
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	12	11.9	11.95	12.8	11.	0.292	0.54	11.09	11.6	12.2	12.8

** - 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 1991 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	21.9	21.833	29.	13.	32.532	5.704	13.6	16.65	27.375	28.85
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.69	0.656	0.91	0.46	0.03	0.174	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	23900.	22645.833	40000.	7200.	139932481.061	11829.306	7650.	9687.5	33400.	39220.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.5	6.508	8.1	4.7	1.11	1.054	4.88	5.65	7.475	8.01
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.2	1.508	3.4	0.4	0.85	0.922	0.46	0.725	2.35	3.13
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	11	6.9	7.1	7.9	6.4	0.264	0.514	6.44	6.7	7.6	7.86
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	11	6.9	6.876	7.9	6.4	0.319	0.565	6.44	6.7	7.6	7.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	11	0.126	0.133	0.398	0.013	0.015	0.121	0.014	0.025	0.2	0.369
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	16.	15.583	28.	4.	84.083	9.17	4.	6.	24.75	28.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	22.5	69.667	500.	11.	18648.242	136.559	12.2	19.5	49.75	370.1
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	1.085	1.182	2.	0.75	0.149	0.385	0.777	0.863	1.37	1.931
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.05	0.058	0.09	0.05	0.	0.013	0.05	0.05	0.068	0.084
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.94	1.006	1.67	0.59	0.115	0.339	0.629	0.785	1.103	1.664
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.14	0.176	0.35	0.04	0.011	0.104	0.049	0.087	0.255	0.344
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.1	0.108	0.15	0.1	0.	0.019	0.1	0.1	0.1	0.15
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	8997.	9148.083	18494.	1500.	29743435.356	5453.754	1919.7	3369.75	13996.	17369.3
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	190.	435.	1600.	30.	279027.273	528.23	42.	80.	725.	1510.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.236	2.325	3.204	1.477	0.315	0.561	1.588	1.903	2.852	3.177
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			211.409								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	40.	82.333	300.	11.	8587.697	92.67	12.8	20.	125.	276.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.588	1.677	2.477	1.041	0.225	0.474	1.098	1.301	2.085	2.437
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			47.523								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	5	3.5	2.74	4.8	0.	4.528	2.128	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	0.08	0.09	0.15	0.05	0.001	0.037	**	**	**	**
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	5.4	7.645	19.	0.	32.311	5.684	0.7	4.2	10.	18.4
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	11	11.	11.045	12.5	7.3	2.087	1.445	7.86	10.7	12.2	12.44

** - 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

Annual Analysis for 1992 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	10	19.9	20.25	28.5	13.2	33.478	5.786	13.28	14.375	26.75	28.4
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	10	0.725	0.753	0.91	0.53	0.022	0.148	0.538	0.61	0.91	0.91
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	10	25500.	23948.	36000.	6200.	87747928.889	9367.386	6958.	17170.	31225.	35620.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	10	7.15	6.99	8.1	5.1	1.274	1.129	5.12	5.975	8.025	8.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	10	1.2	1.32	3.3	0.5	0.804	0.897	0.5	0.5	1.9	3.16
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	10	6.6	6.58	7.	6.2	0.051	0.225	6.21	6.45	6.7	6.97
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	10	6.6	6.528	7.	6.2	0.054	0.232	6.21	6.45	6.7	6.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	10	0.251	0.297	0.631	0.1	0.025	0.158	0.11	0.2	0.362	0.618
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	10	18.	16.7	29.	1.	68.233	8.26	1.7	11.	22.5	28.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	10	18.5	18.7	25.	13.	16.678	4.084	13.1	14.75	21.75	24.9
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	10	0.78	0.841	1.21	0.58	0.049	0.221	0.585	0.645	1.083	1.198
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	10 ##	0.028	0.042	0.09	0.025	0.001	0.025	0.025	0.025	0.065	0.089
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	0.665	0.69	0.91	0.49	0.017	0.131	0.498	0.585	0.808	0.902
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	0.12	0.151	0.3	0.04	0.009	0.097	0.042	0.075	0.265	0.298
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	0.105	0.109	0.26	0.05	0.005	0.068	0.05	0.05	0.148	0.251
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	10	9809.5	9633.3	15870.	2312.	18264562.233	4273.706	2620.6	6504.25	12808.5	15695.1
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	10	170.	177.	300.	80.	7734.444	87.946	80.	80.	247.5	300.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	10	2.218	2.194	2.477	1.903	0.056	0.236	1.903	1.903	2.391	2.477
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			156.209								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	10	40.	64.	170.	10.	3493.333	59.104	10.	32.5	102.5	170.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	10	1.602	1.637	2.23	1.	0.177	0.421	1.	1.452	1.985	2.23
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.394								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	10	1.84	1.987	3.7	0.1	1.183	1.088	0.201	1.328	2.8	3.67
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	10	0.1	0.102	0.18	0.02	0.002	0.048	0.022	0.07	0.14	0.176
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	10	3.4	3.34	8.	0.	10.429	3.229	0.	0.	6.55	7.87
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	9	11.9	10.522	13.4	6.4	6.944	2.635	6.4	7.9	12.8	13.4

** - 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 TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	21.6	21.508	31.1	11.	49.663	7.047	11.75	15.	28.45	30.71
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.76	0.723	1.14	0.	0.085	0.292	0.138	0.61	0.91	1.071
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	24450.	26525.833	47000.	13000.	116259516.879	10782.371	13570.	17739.25	34550.	45737.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.7	6.767	9.4	4.5	2.521	1.588	4.65	5.325	8.275	9.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	0.5	0.533	1.7	0.1	0.186	0.431	0.1	0.3	0.6	1.46
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.51	7.276	7.77	6.5	0.28	0.529	6.53	6.6	7.71	7.77
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.51	6.976	7.77	6.5	0.378	0.614	6.53	6.6	7.71	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.031	0.106	0.316	0.017	0.015	0.121	0.017	0.02	0.251	0.297
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	17.15	17.733	30.6	9.	45.492	6.745	9.9	12.05	22.2	29.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	21.	20.75	29.	11.	27.114	5.207	11.9	17.	24.5	28.4
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.83	0.8	1.13	0.43	0.038	0.195	0.445	0.742	0.905	1.091
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.06	0.057	0.11	0.03	0.001	0.027	0.03	0.03	0.078	0.101
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.685	0.642	0.88	0.36	0.023	0.152	0.369	0.56	0.748	0.841
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.165	0.158	0.25	0.04	0.005	0.069	0.052	0.098	0.223	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.08	0.078	0.12	0.05	0.001	0.028	0.05	0.05	0.1	0.114
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	9809.5	10238.417	18619.	5123.	18379076.083	4287.082	5348.	6404.25	13152.25	17719.3
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	265.	334.167	1300.	10.	145044.697	380.847	13.	40.	450.	1150.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.419	2.187	3.114	1.	0.436	0.66	1.09	1.602	2.644	3.051
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			153.836								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	40.	158.333	1300.	10.	130615.152	361.407	13.	25.	102.5	949.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.602	1.752	3.114	1.	0.288	0.536	1.09	1.376	2.007	2.814
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.535								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	12	4.02	4.008	5.9	2.	1.736	1.318	2.072	2.88	5.35	5.87

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.07	0.065	0.09	0.03	0.	0.019	0.03	0.06	0.078	0.09
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	3.	3.608	8.7	0.	11.884	3.447	0.	0.	7.075	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 1994 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	22.9	23.282	29.6	13.3	29.984	5.476	13.98	17.6	27.5	29.5
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.84	0.923	1.68	0.46	0.147	0.383	0.46	0.69	1.22	1.634
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	11	21538.	21401.273	35672.	9525.	72263218.018	8500.777	9821.8	13002.	29727.	34860.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	6.7	6.682	8.6	4.8	1.878	1.37	4.88	5.2	7.9	8.58
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	0.8	0.727	1.3	0.	0.172	0.415	0.04	0.3	1.	1.28
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	11	7.83	7.775	8.11	7.44	0.045	0.212	7.45	7.59	7.92	8.084
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	11	7.83	7.727	8.11	7.44	0.047	0.218	7.45	7.59	7.92	8.084
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	11	0.015	0.019	0.036	0.008	0.	0.009	0.008	0.012	0.026	0.036
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	12.9	12.955	22.5	5.4	30.859	5.555	5.58	7.5	18.4	21.94
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	20.	20.818	40.	0.	104.964	10.245	2.4	16.	25.	38.2
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	10	0.795	0.757	1.26	0.35	0.063	0.251	0.366	0.585	0.867	1.229
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	11 ##	0.015	0.03	0.07	0.	0.001	0.025	0.003	0.015	0.06	0.07
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	0.6	0.595	0.9	0.25	0.037	0.192	0.264	0.465	0.755	0.89
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	0.12	0.161	0.36	0.01	0.014	0.117	0.014	0.088	0.283	0.356
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	0.075	0.082	0.14	0.05	0.001	0.03	0.05	0.058	0.105	0.138
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	11	7248.	6861.636	12871.	0.	13737171.655	3706.369	574.8	3874.	10122.	12471.2
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	230.	225.455	500.	40.	27007.273	164.339	40.	80.	300.	500.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	2.362	2.219	2.699	1.602	0.152	0.39	1.602	1.903	2.477	2.699
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			165.637								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	40.	69.091	300.	10.	7749.091	88.029	10.	20.	130.	266.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	1.602	1.583	2.477	1.	0.228	0.478	1.	1.301	2.114	2.404
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.293								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	11	3.1	5.009	18.3	0.	30.979	5.566	0.38	1.9	5.	17.28
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.04	0.044	0.08	0.	0.001	0.028	0.003	0.015	0.07	0.078
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	8.2	7.573	12.	2.5	9.89	3.145	2.7	4.6	10.2	11.8
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	9	11.9	11.011	13.	7.3	4.291	2.071	7.3	9.2	12.4	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	23.	22.55	32.	13.5	44.839	6.696	14.01	15.975	29.05	31.7
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	70.	63.636	85.	25.	275.455	16.597	30.	55.	75.	84.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.77	0.896	1.65	0.44	0.126	0.355	0.491	0.692	0.998	1.605
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	25018.	24108.25	39933.	4222.	146524438.205	12104.728	5203.	15679.75	36411.5	39501.9
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	7.7	7.425	9.2	5.2	1.324	1.151	5.44	6.375	8.075	9.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	5	0.8	1.22	2.	0.6	0.512	0.716	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.73	7.725	7.96	7.54	0.018	0.133	7.549	7.598	7.807	7.945
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.729	7.707	7.96	7.54	0.018	0.134	7.549	7.597	7.807	7.945
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.019	0.02	0.029	0.011	0.	0.006	0.011	0.016	0.025	0.028
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	15.2	14.85	25.5	2.3	62.87	7.929	2.87	9.15	23.	25.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	20.	22.917	46.	6.	155.902	12.486	6.9	13.	33.25	44.2
00600p	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	7	0.87	0.84	1.08	0.53	0.035	0.187	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12 ##	0.015	0.024	0.06	0.015	0.	0.014	0.015	0.015	0.03	0.051
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.79	1.031	1.99	0.53	0.269	0.519	0.542	0.695	1.608	1.93

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station TIMU0343

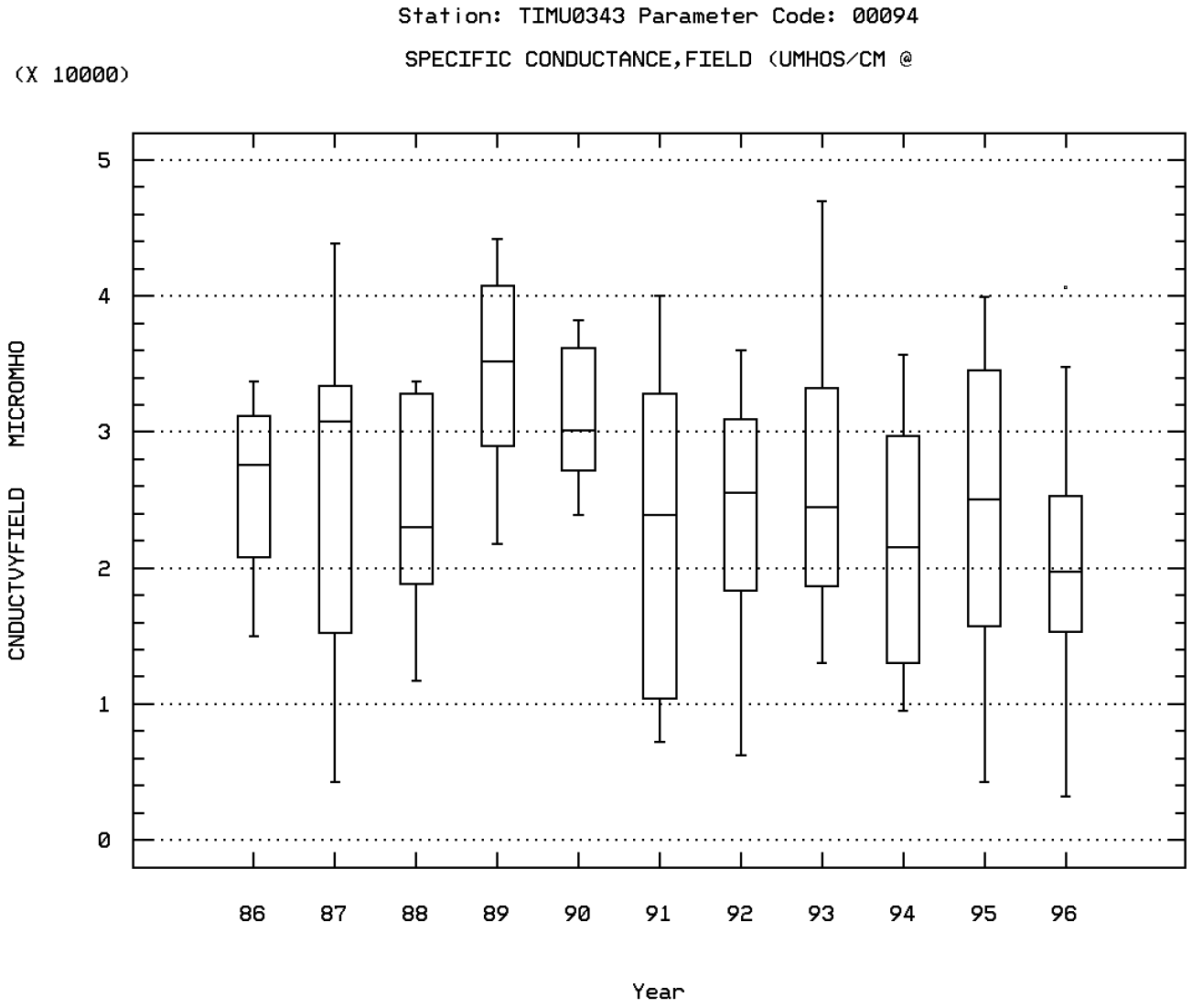
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.175	0.184	0.37	0.03	0.01	0.102	0.042	0.105	0.278	0.346
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12 ##	0.075	0.073	0.11	0.03	0.	0.019	0.039	0.063	0.075	0.104
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	8497.5	8388.	15870.	1187.	22504708.909	4743.913	1543.1	4811.25	12652.5	15495.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	5	130.	160.	230.	80.	4500.	67.082	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	5	2.114	2.171	2.362	1.903	0.038	0.194	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			148.213								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	6	30.	28.333	40.	10.	176.667	13.292	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	6	1.452	1.401	1.602	1.	0.06	0.246	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.198								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	11	3.7	3.755	6.5	0.9	2.969	1.723	1.1	2.8	4.9	6.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12 ##	0.023	0.032	0.09	0.015	0.001	0.023	0.015	0.015	0.048	0.078
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	6.	5.75	7.5	3.9	1.63	1.277	3.9	4.625	6.9	7.47
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	11	11.4	10.8	12.6	5.5	4.388	2.095	6.24	9.5	12.4	12.58

** - 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 1996 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	9	22.4	21.589	29.3	12.7	43.041	6.561	12.7	14.9	28.3	29.3
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	9	60.	50.778	100.	2.	1202.944	34.683	2.	15.	77.5	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	0.98	0.889	1.2	0.51	0.05	0.225	0.51	0.685	1.05	1.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	9	19755.	21387.222	40617.	3197.	132847438.444	11525.946	3197.	12901.	30023.	40617.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	9	7.1	7.444	9.2	5.5	1.563	1.25	5.5	6.5	8.75	9.2
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	9	7.62	7.616	8.02	7.15	0.077	0.277	7.15	7.425	7.83	8.02
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	9	7.62	7.536	8.02	7.15	0.084	0.29	7.15	7.425	7.83	8.02
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	9	0.024	0.029	0.071	0.01	0.	0.02	0.01	0.015	0.039	0.071
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	9	11.7	13.044	26.	1.7	56.635	7.526	1.7	7.45	18.65	26.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	9	15.	21.667	42.	13.	143.	11.958	13.	13.	32.	42.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	9	0.02	0.049	0.24	0.005	0.006	0.075	0.005	0.008	0.06	0.24
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	9	1.16	1.178	1.79	0.76	0.095	0.308	0.76	0.95	1.34	1.79
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	9	0.2	0.18	0.3	0.04	0.007	0.087	0.04	0.1	0.255	0.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	9	0.08	0.068	0.12	0.	0.002	0.041	0.	0.035	0.105	0.12
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	9	6623.	7254.667	14246.	1125.	17259198.	4154.419	1125.	4061.	10371.5	14246.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-12/04/96	9	3.5	5.722	25.7	1.9	57.929	7.611	1.9	2.05	5.05	25.7
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.04	0.036	0.07	0.005	0.001	0.023	0.005	0.008	0.05	0.07
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	9	6.4	7.267	10.	4.4	4.445	2.108	4.4	5.45	9.35	10.
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	9	11.	10.589	13.1	6.1	5.011	2.239	6.1	9.05	12.35	13.1

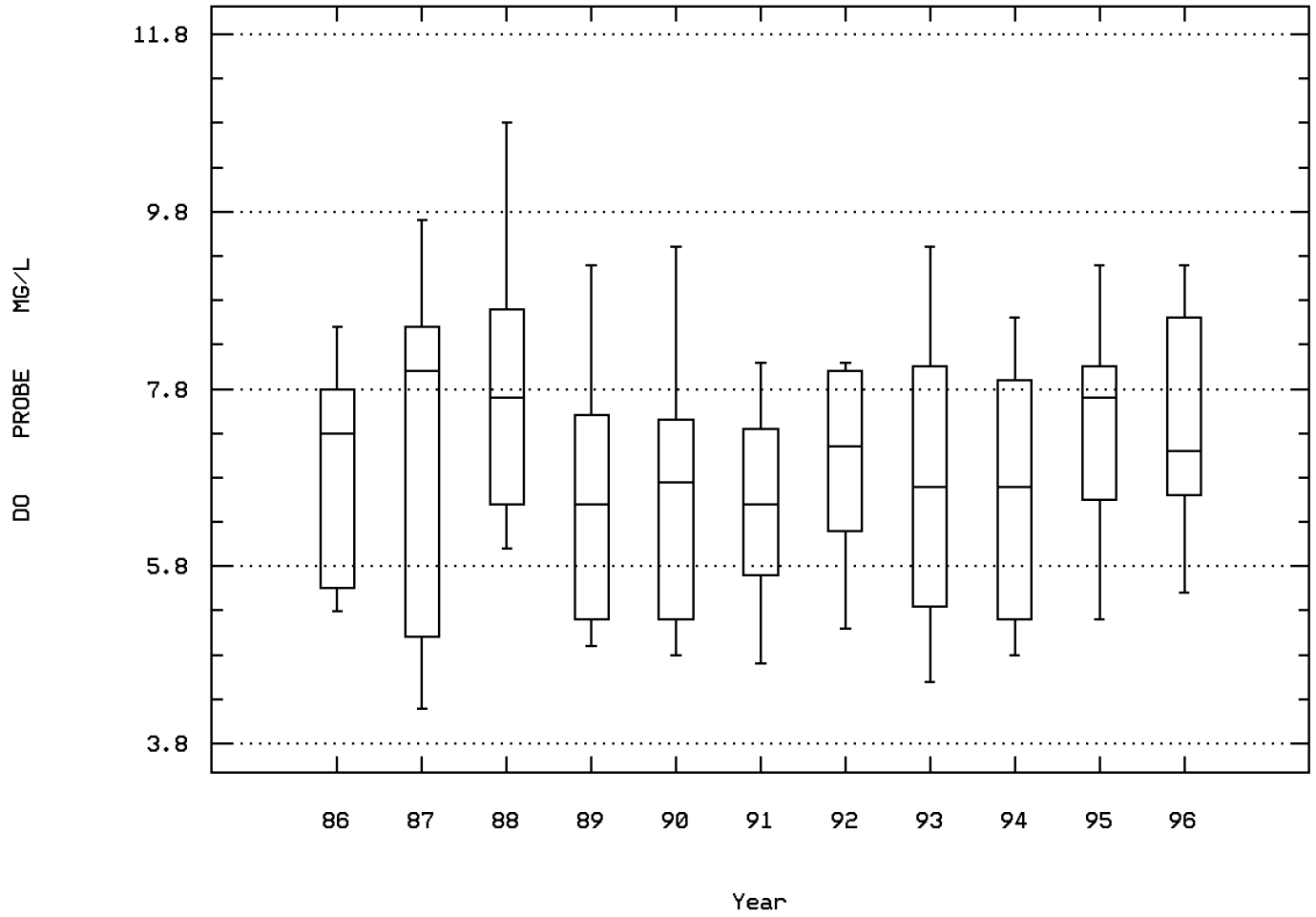
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00299

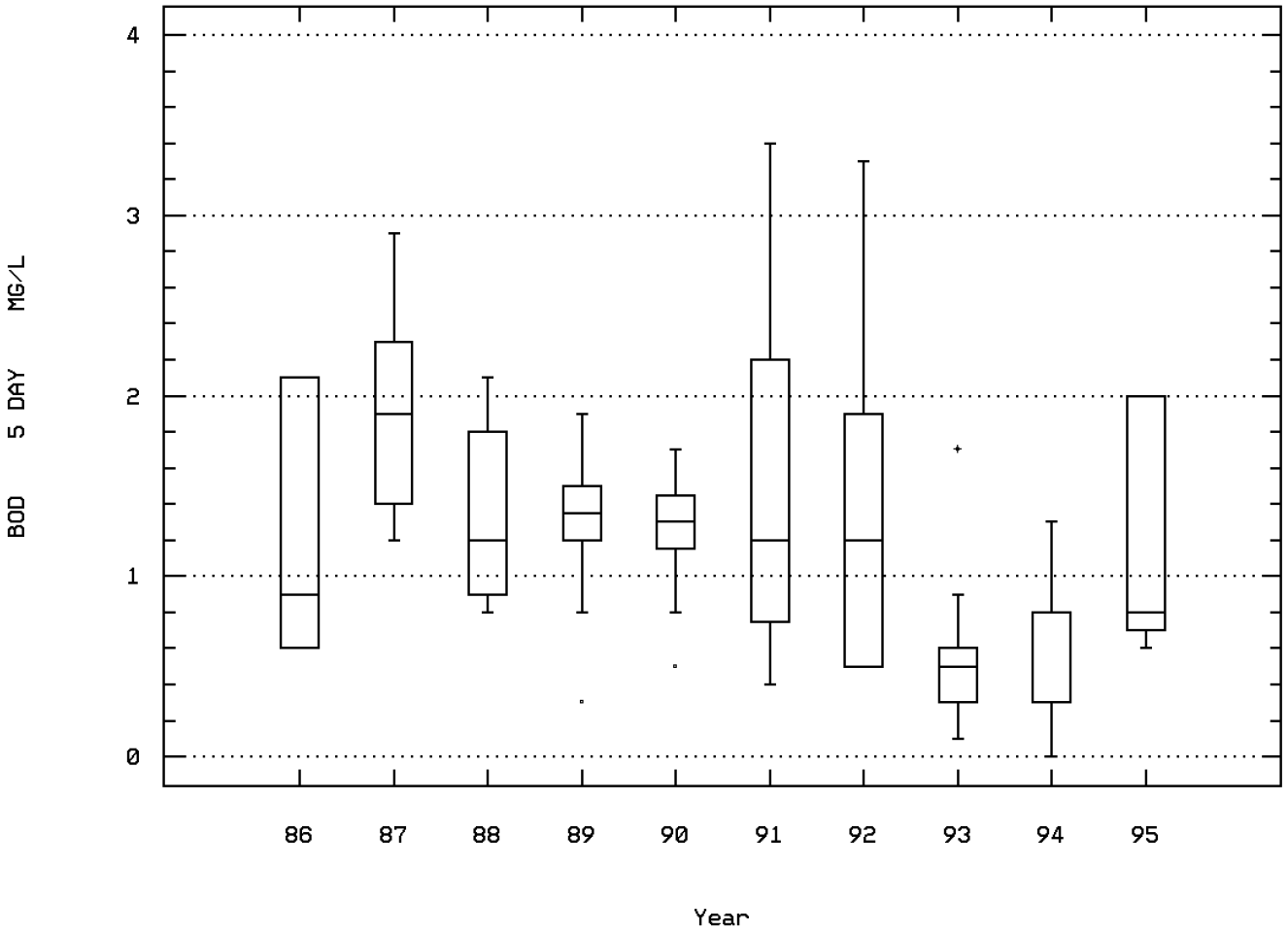
OXYGEN, DISSOLVED, ANALYSIS BY PROBE



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00310

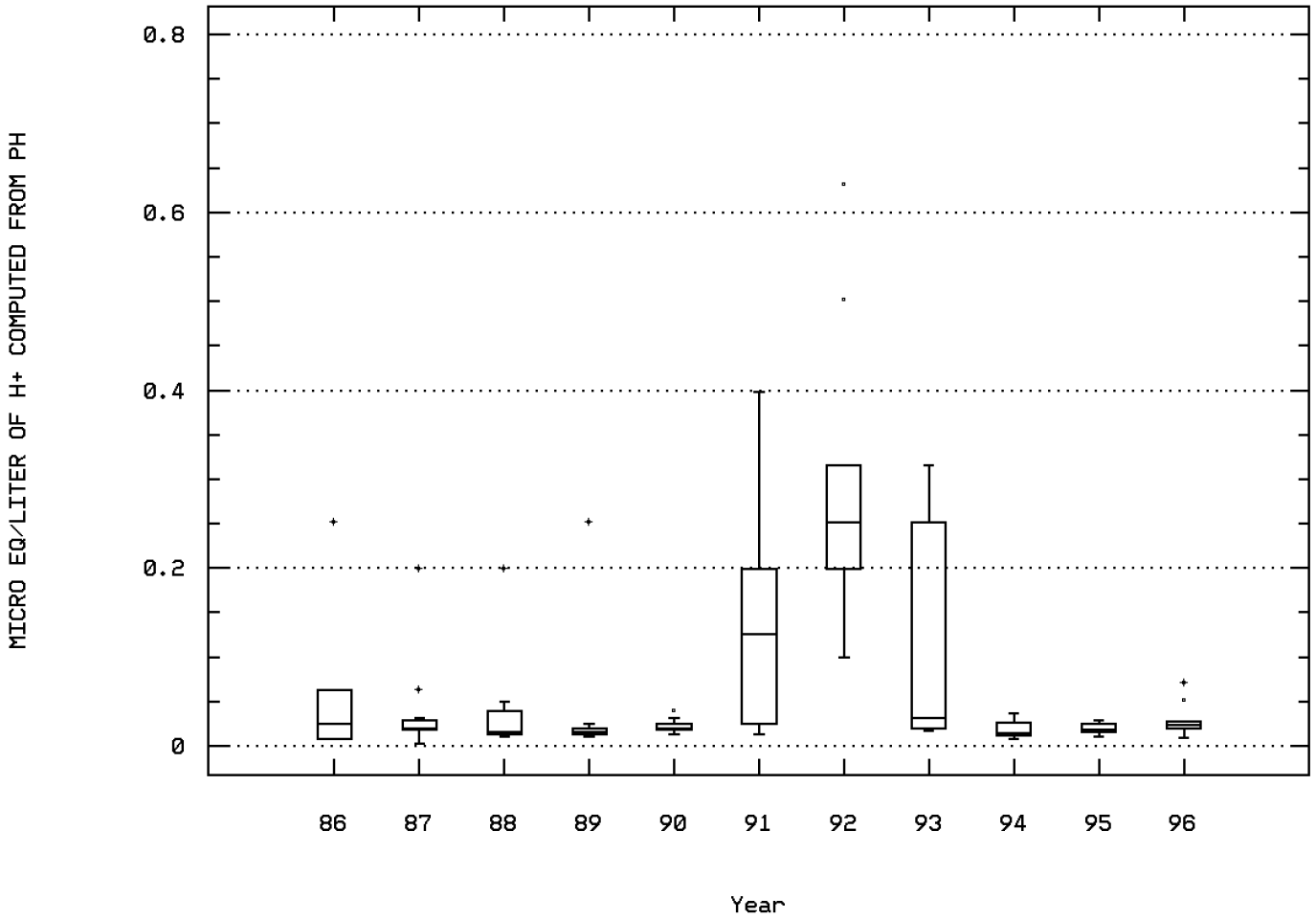
BOD, 5 DAY, 20 DEG C



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00400

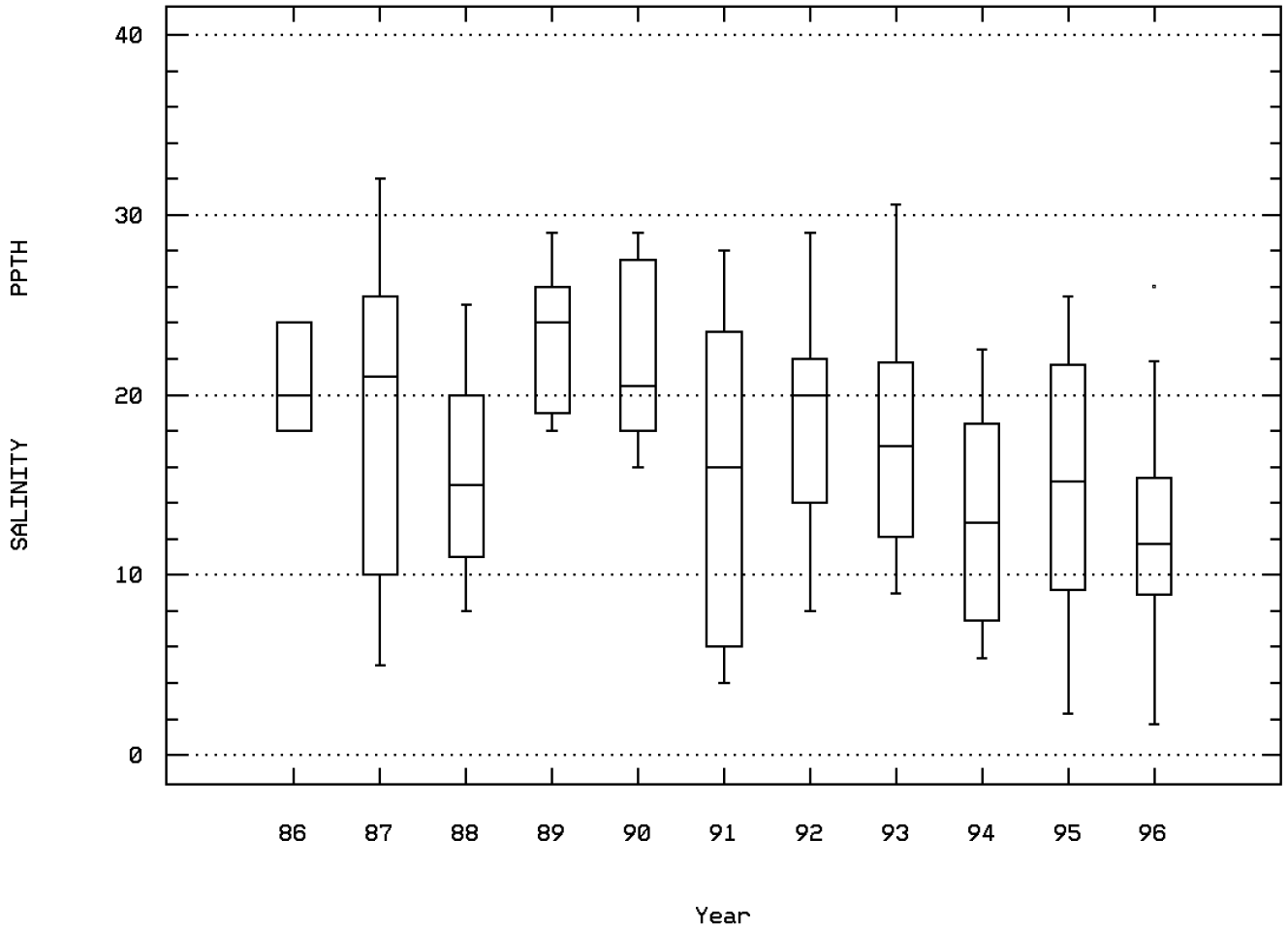
MICRO EQ/LITER OF H+ COMPUTED FROM PH



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00480

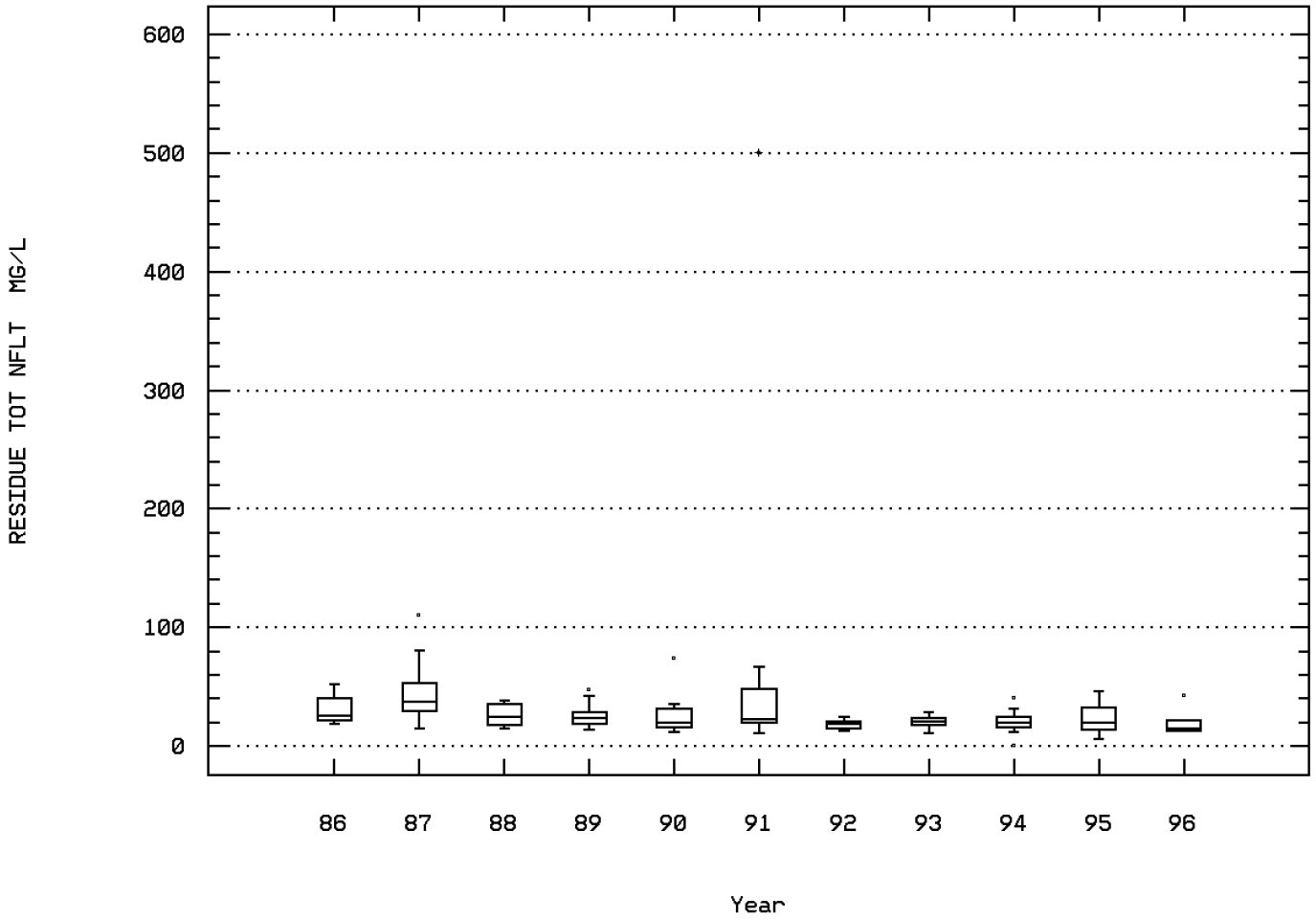
SALINITY - PARTS PER THOUSAND



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00530

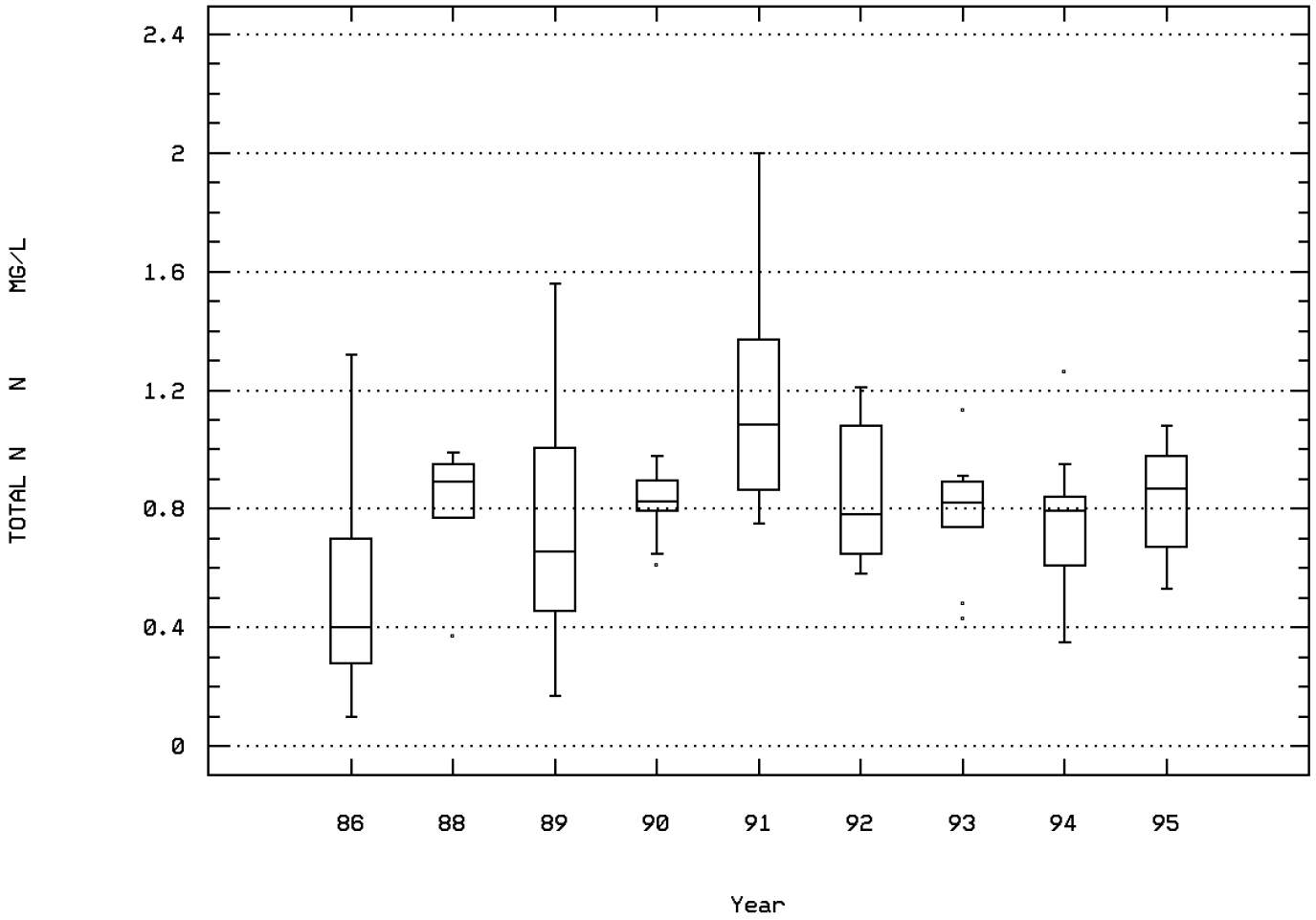
RESIDUE, TOTAL NONFILTRABLE (MG/L)



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00600

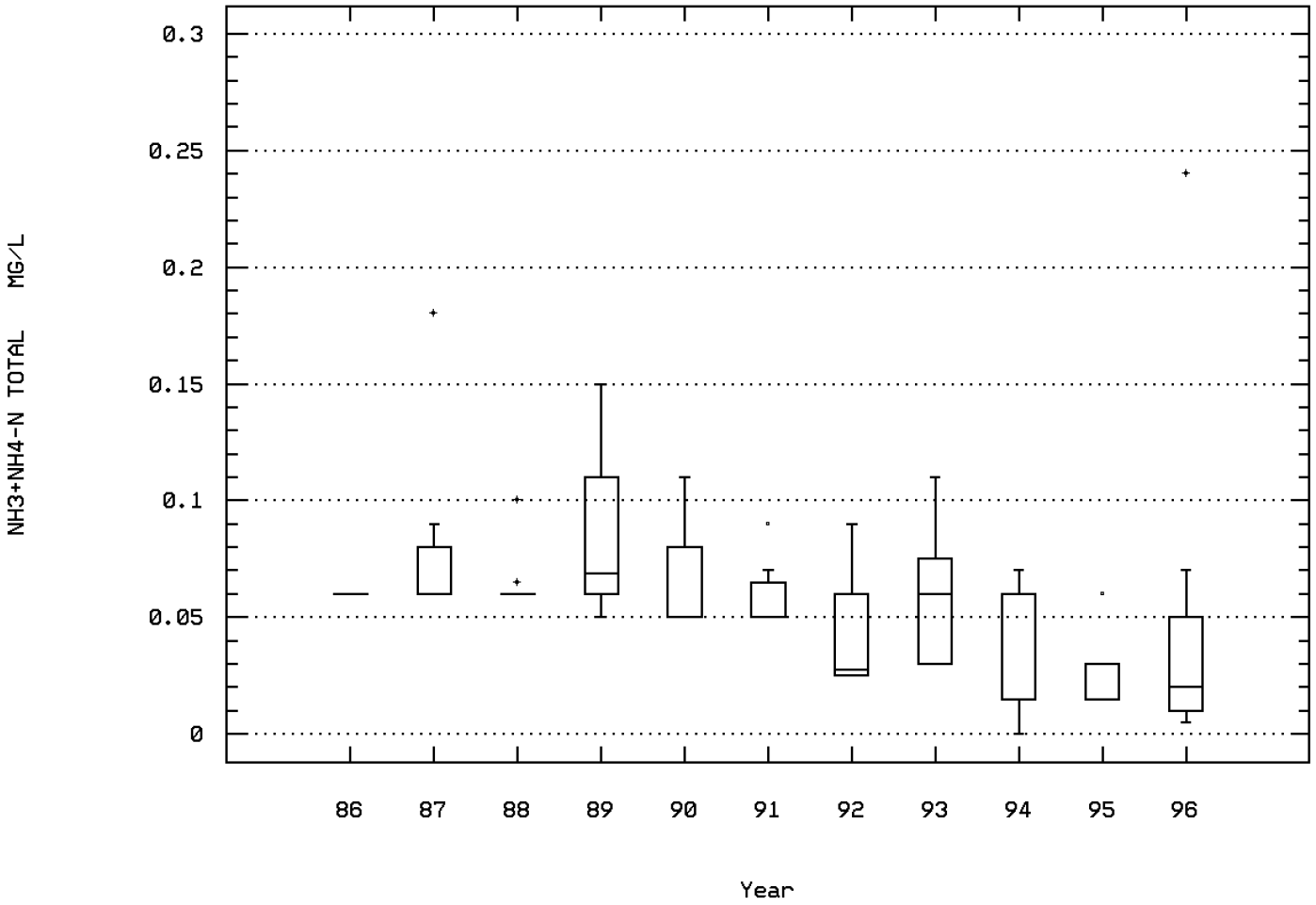
NITROGEN, TOTAL (MG/L AS N)



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00610

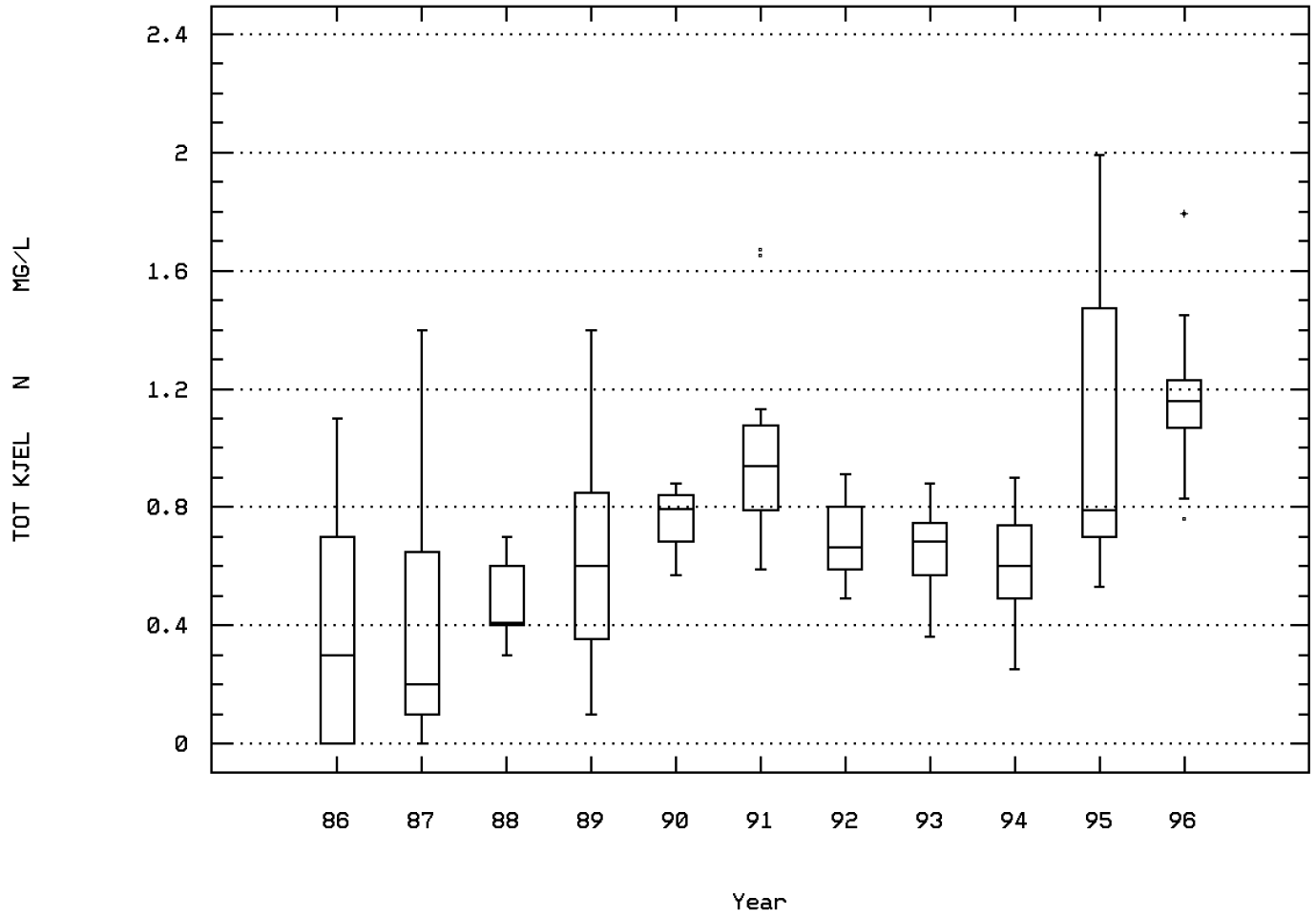
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



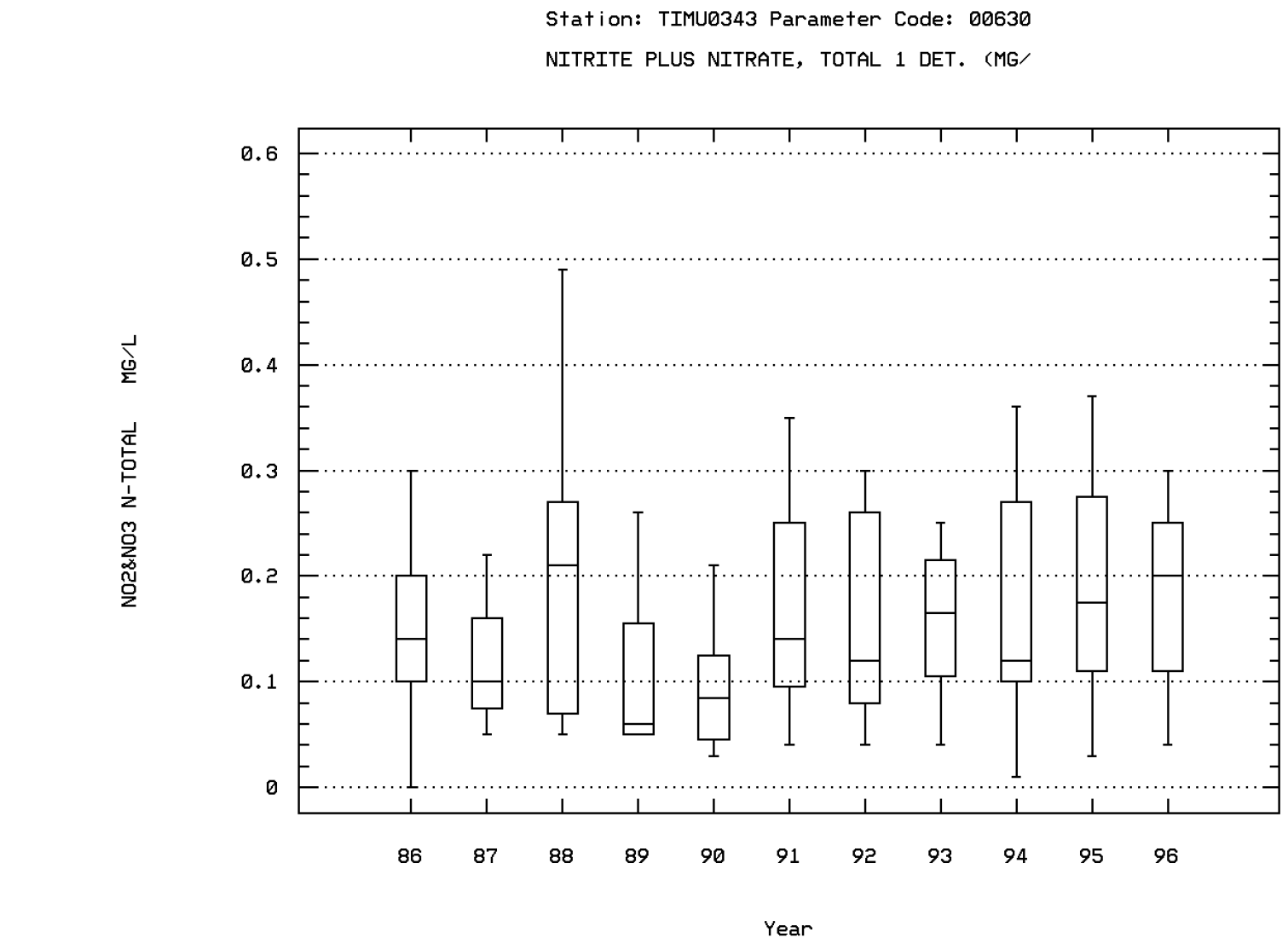
SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



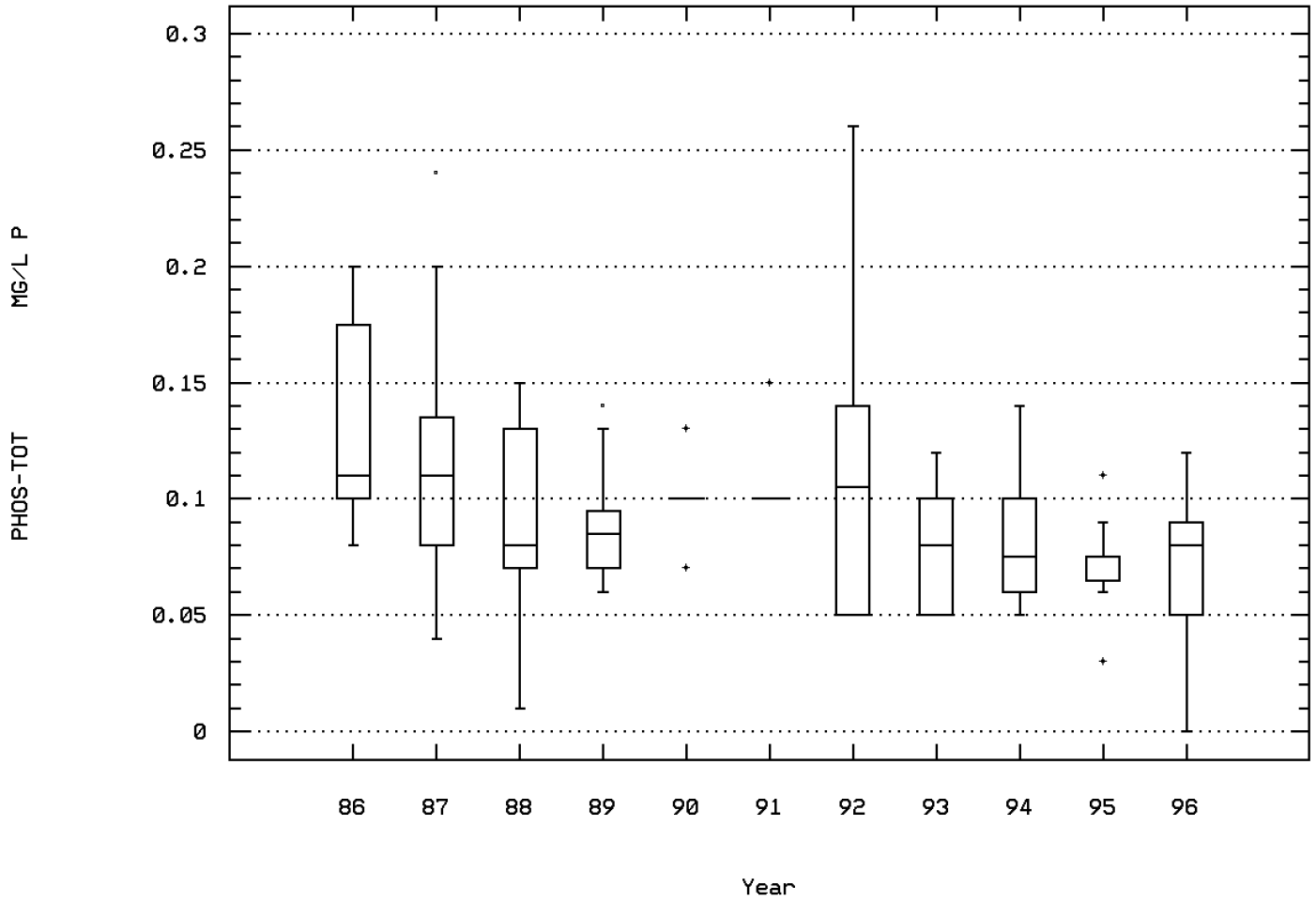
SJR AT DAMES POINT BRIDGE



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00665

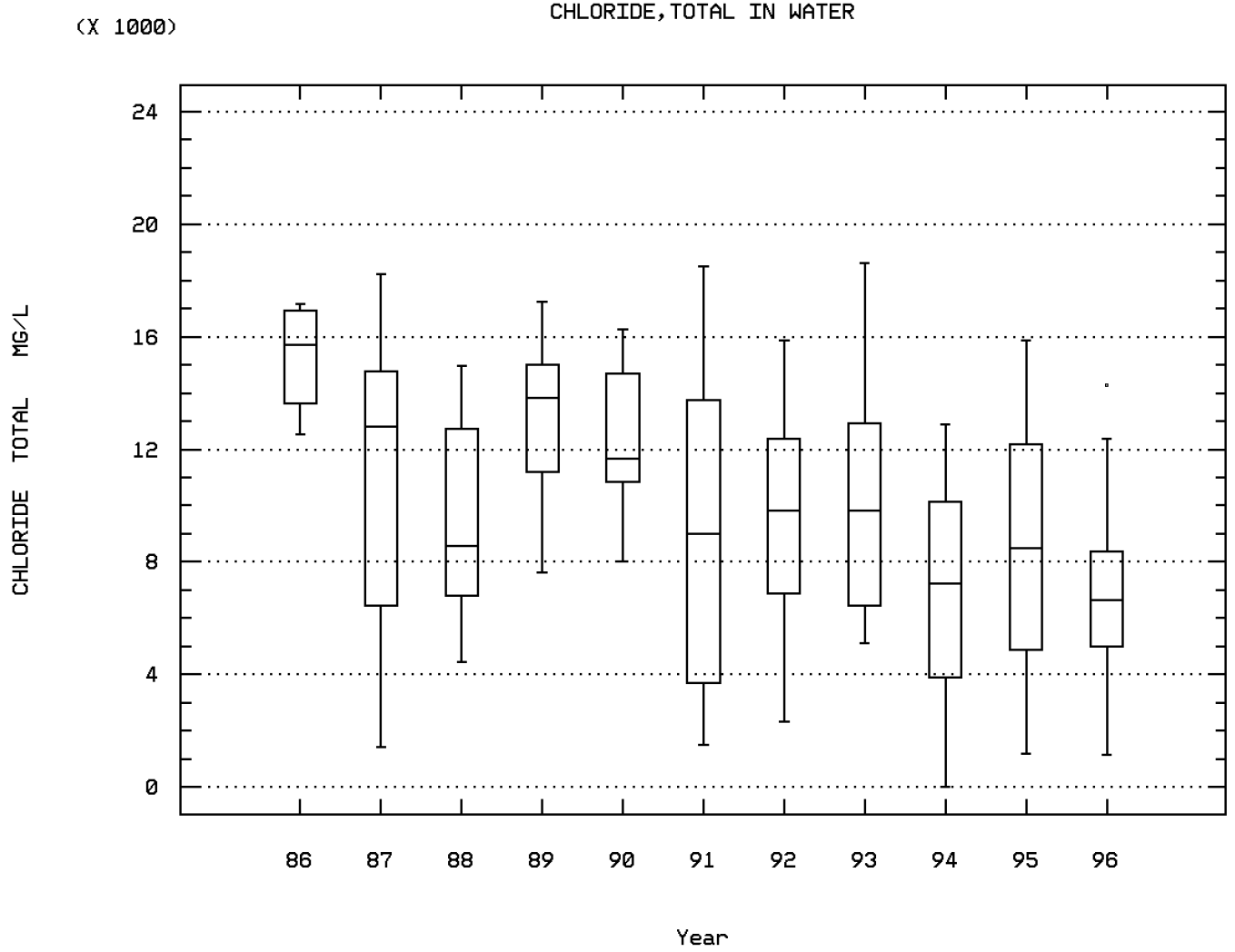
PHOSPHORUS, TOTAL (MG/L AS P)



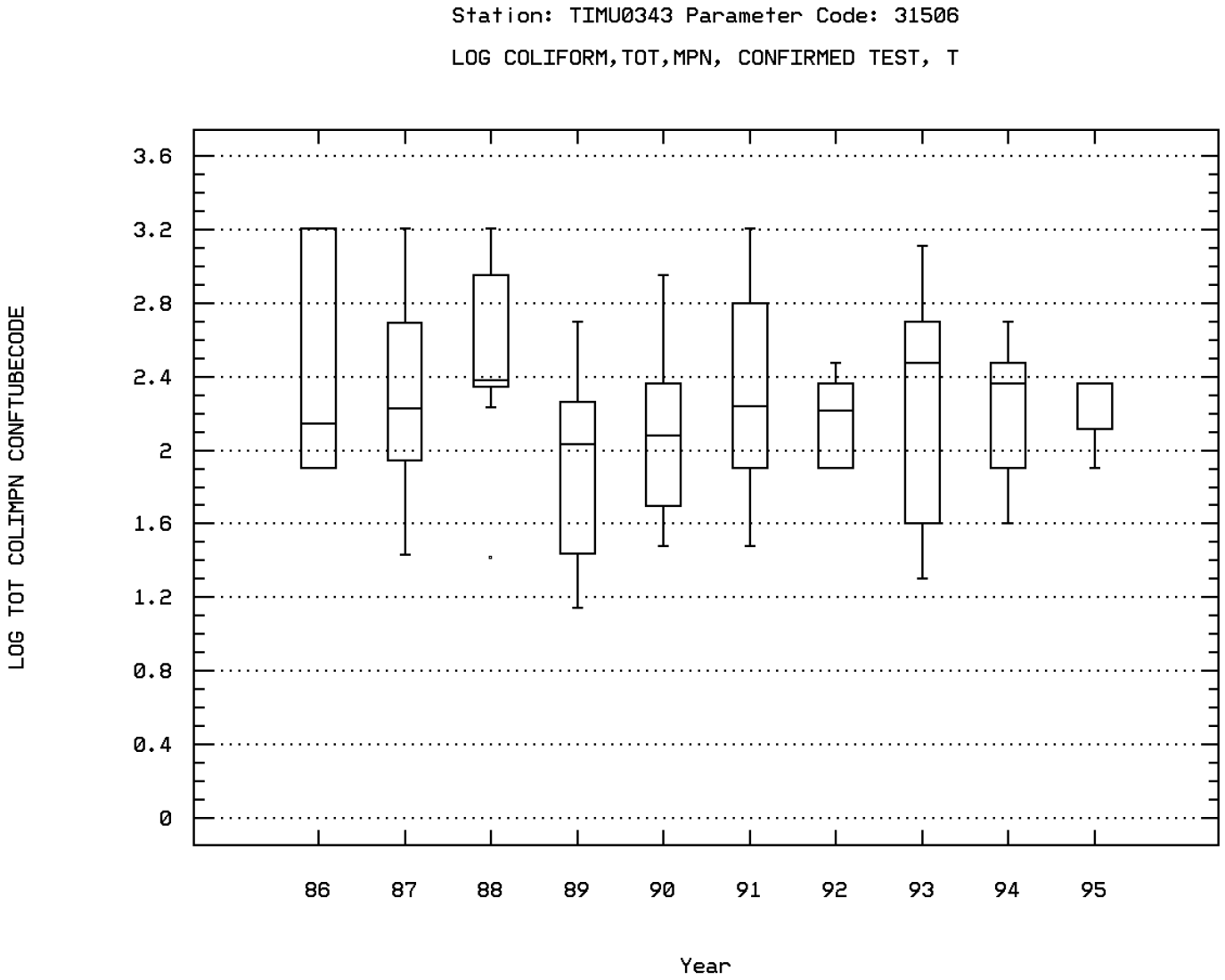
SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



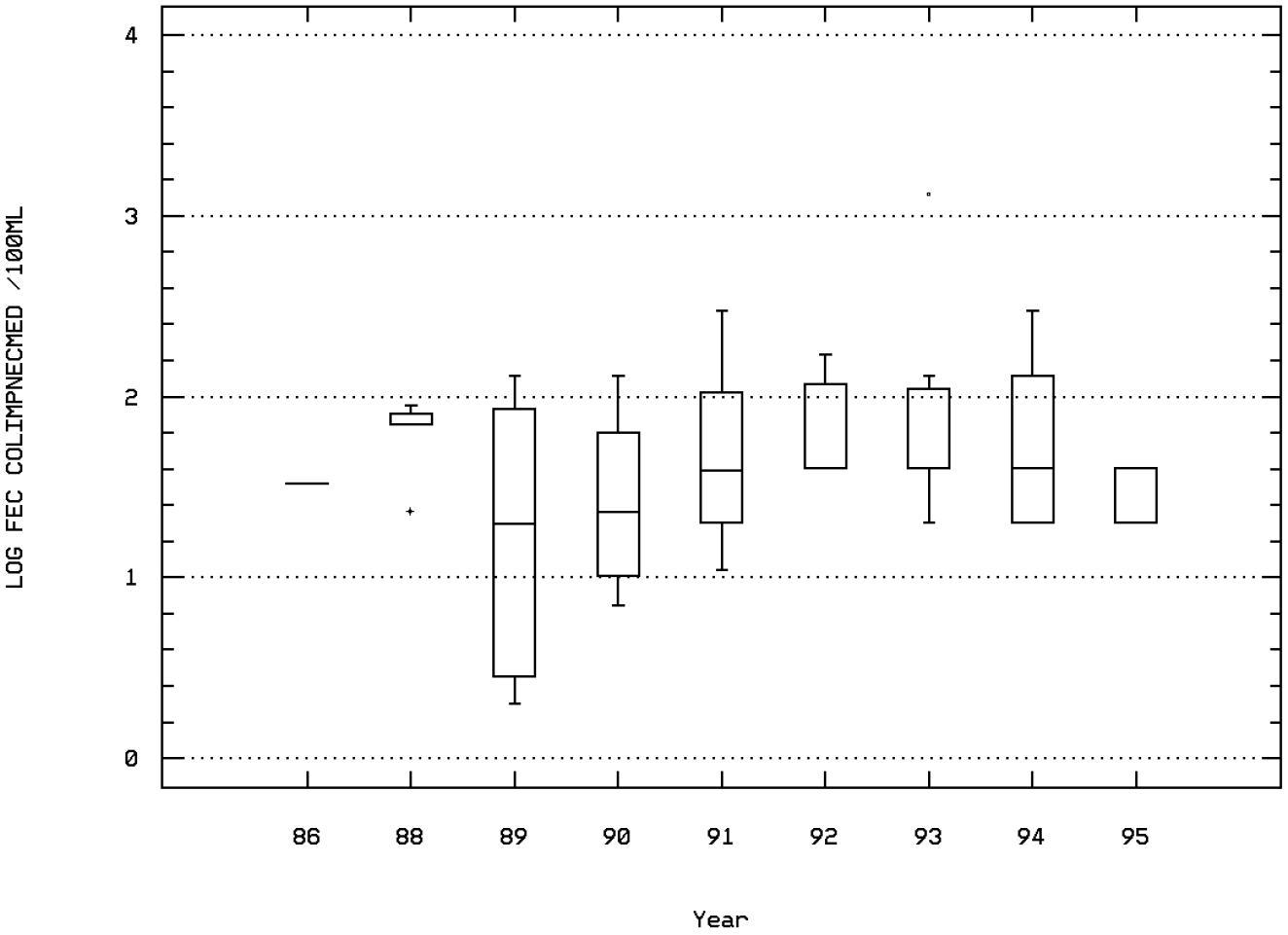
SJR AT DAMES POINT BRIDGE



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 31615

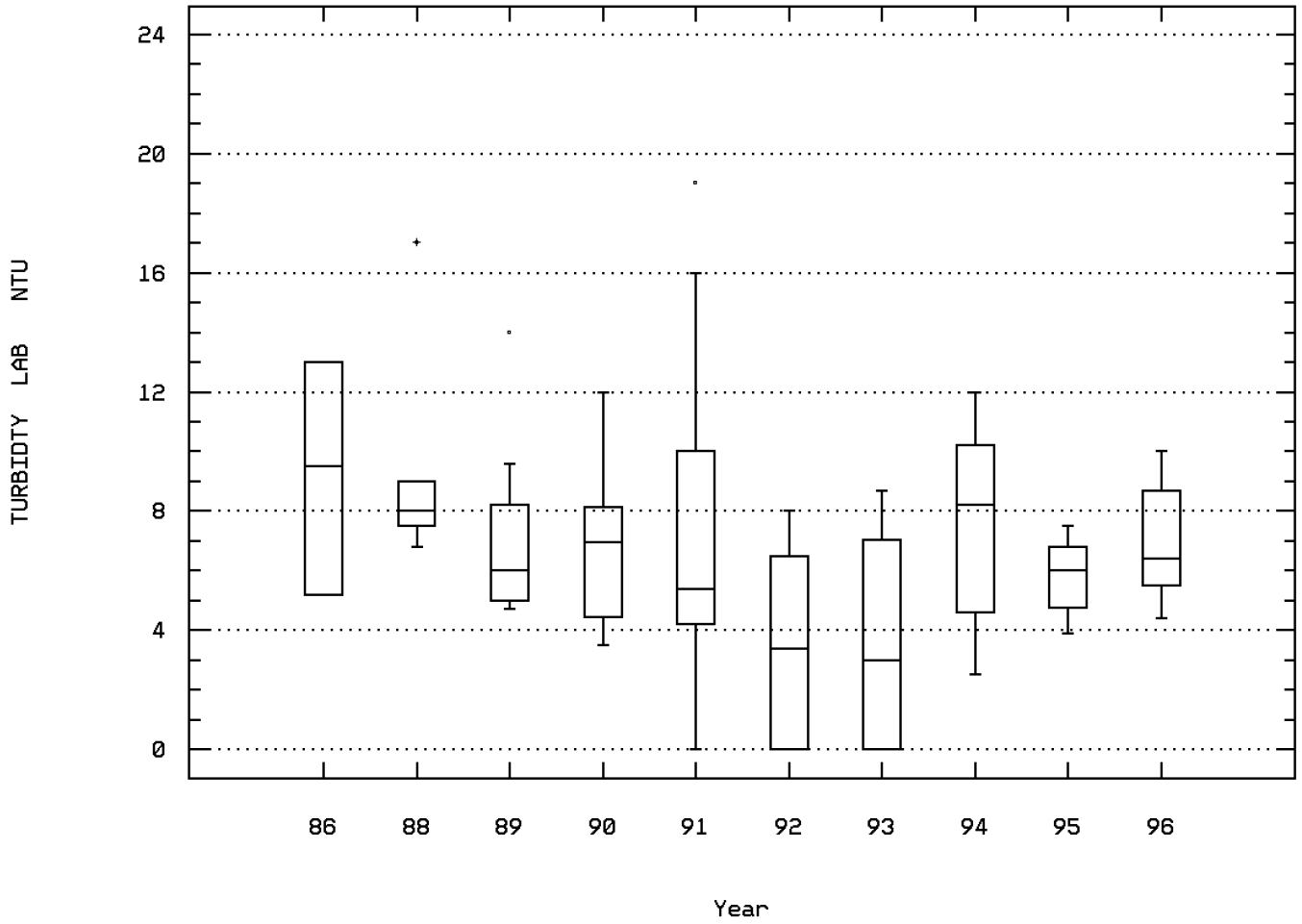
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 82079

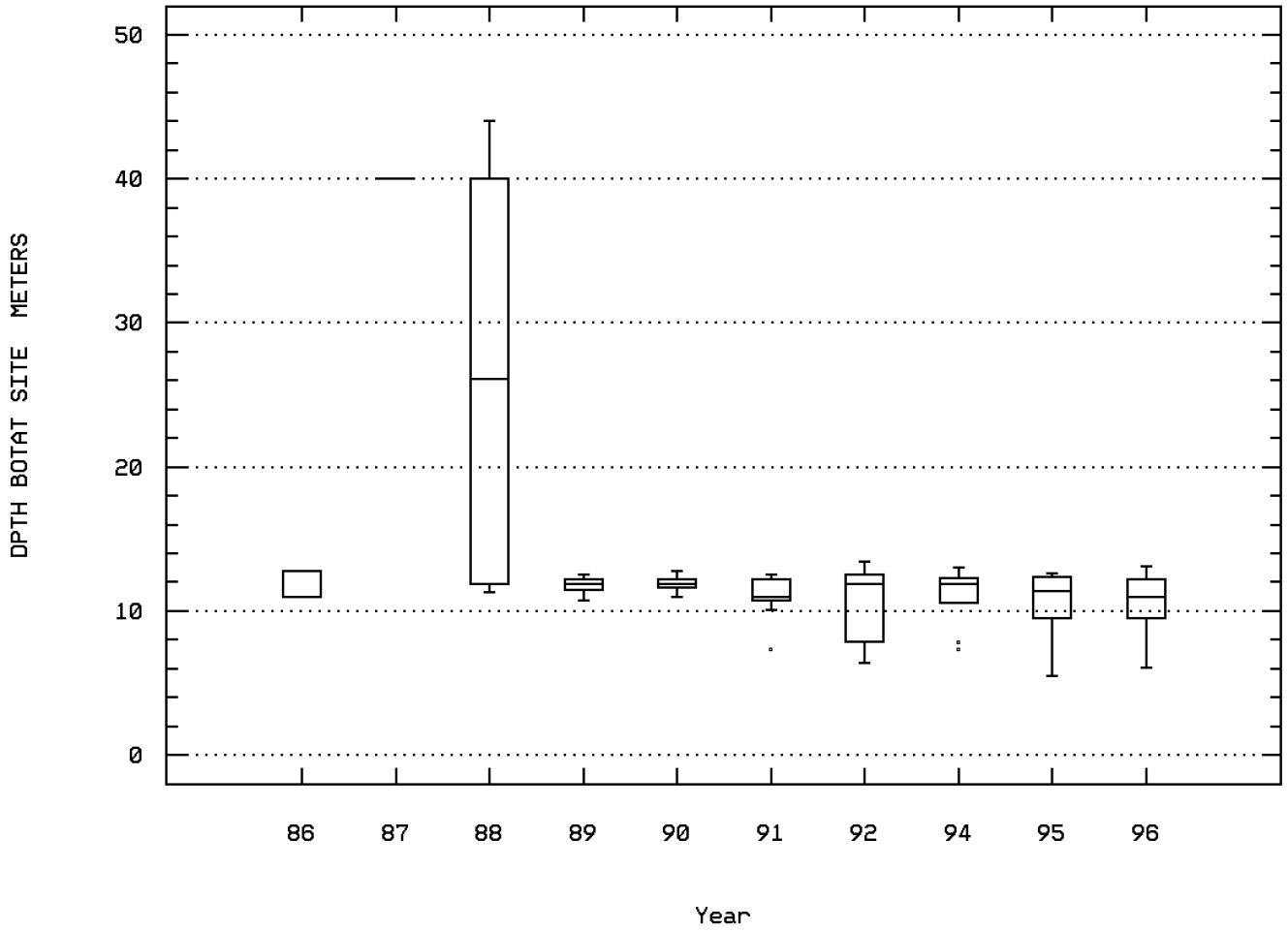
TURBIDITY,LAB NEPHELOMETRIC TURBIDITY U



SJR AT DAMES POINT BRIDGE

Station: TIMU0343 Parameter Code: 82903

DEPTH OF BOTTOM OF WATER BODY @ SAMPLE



SJR AT DAMES POINT BRIDGE

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	73	27.3	26.082	32.	18.	11.897	3.449	20.7	23.2	28.7	29.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	67	27700.	26576.	47000.	3197.	122639298.061	11074.263	8900.	19330.	35900.	40058.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	71	6.	6.173	10.8	4.2	1.375	1.173	4.9	5.3	6.9	7.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	59	1.2	1.278	3.4	0.1	0.397	0.63	0.4	0.9	1.7	2.
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	70	7.67	7.529	8.11	6.2	0.204	0.452	6.7	7.415	7.815	7.909
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	70	7.67	7.208	8.11	6.2	0.309	0.556	6.7	7.415	7.815	7.909
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	70	0.021	0.062	0.631	0.008	0.012	0.108	0.012	0.015	0.038	0.2
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	68	18.	17.822	32.	1.	65.632	8.101	5.28	12.125	25.	28.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	69	23.	33.42	500.	6.	3449.806	58.735	13.	16.	33.5	46.
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	55	0.83	0.83	2.	0.1	0.115	0.339	0.418	0.64	0.95	1.284
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	67	0.05	0.051	0.15	0.005	0.001	0.031	0.015	0.025	0.06	0.09
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	72	0.695	0.706	1.99	0.	0.151	0.389	0.23	0.43	0.837	1.151
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	70	0.115	0.139	0.49	0.	0.009	0.097	0.041	0.068	0.2	0.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	73	0.1	0.101	0.26	0.05	0.001	0.036	0.06	0.075	0.12	0.15
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	67	11247.	10358.03	18619.	1125.	21744746.029	4663.126	2894.	6873.	14603.	15870.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	58	140.	289.914	1600.	10.	155597.449	394.458	25.9	40.	300.	810.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	58	2.146	2.139	3.204	1.	0.306	0.554	1.413	1.602	2.477	2.908
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			137.657								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	54	23.	71.	1300.	2.	32583.057	180.508	9.	10.	55.	155.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	54	1.362	1.441	3.114	0.301	0.302	0.55	0.952	1.	1.736	2.188
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.607								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	59	6.	6.441	19.	0.	15.621	3.952	0.	4.2	8.6	12.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	59	11.9	13.159	40.	5.5	55.876	7.475	7.9	11.	12.2	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 box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	48	16.	15.833	22.4	10.5	8.274	2.876	12.	13.5	17.375	19.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	48	26406.	24784.708	41200.	4270.	82889815.785	9104.384	12870.	16001.	32150.	35960.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	48	8.05	8.181	9.7	7.1	0.453	0.673	7.38	7.625	8.6	9.22
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	42	0.8	1.129	3.3	0.	0.572	0.756	0.36	0.575	1.55	2.24
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	48	7.685	7.432	8.5	6.3	0.294	0.542	6.6	6.75	7.79	7.98
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	48	7.685	7.079	8.5	6.3	0.421	0.649	6.6	6.75	7.79	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	48	0.021	0.083	0.501	0.003	0.013	0.112	0.01	0.016	0.181	0.251
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	48	16.	16.354	28.	5.	40.662	6.377	8.	10.125	21.	26.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	48	21.5	25.771	110.	0.	286.946	16.939	13.9	17.	30.	42.5
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	30	0.835	0.842	1.56	0.17	0.076	0.275	0.475	0.65	1.02	1.148
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	48	0.06	0.062	0.24	0.	0.002	0.04	0.015	0.035	0.07	0.101
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	47	0.7	0.719	1.79	0.	0.151	0.389	0.22	0.5	0.88	1.248
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	44	0.16	0.17	0.37	0.03	0.008	0.09	0.05	0.093	0.25	0.295
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	47	0.08	0.085	0.24	0.	0.002	0.045	0.038	0.05	0.1	0.13
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	48	9787.	9605.521	18494.	0.	18365208.893	4285.465	4719.5	6177.25	12913.5	14745.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	42	220.	355.714	1600.	30.	167810.453	409.647	73.	110.	350.	900.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	42	2.342	2.328	3.204	1.477	0.189	0.435	1.862	2.041	2.533	2.954
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			212.704								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	31	50.	66.226	300.	7.	3288.714	57.347	10.2	40.	80.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	31	1.699	1.674	2.477	0.845	0.152	0.39	1.008	1.602	1.903	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			47.174								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	37	6.5	6.249	16.	0.	10.261	3.203	1.68	4.35	8.1	10.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	34	12.2	16.518	44.	6.4	131.64	11.473	8.9	11.3	12.875	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0344

NPS Station ID: TIMU0344
LAT/LON: 30.383059/ -81.561948
Agency: 11NPSWRD
Date Created: 08/29/98
Location: ST. JOHNS RIVER OFF DAME POINT
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_DER_SJR-06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-06 WAS AT THE ST. JOHNS RIVER OFF OF DAMES POINT IN THE MOUTH OF THE OLD CHANNEL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	25.55	25.55	29.1	22.	25.205	5.02	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	13.75	13.75	14.5	13.	1.125	1.061	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	8600.	8600.	10000.	7200.	3920000.	1979.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	6.1	6.1	7.1	5.1	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.375	7.375	7.85	6.9	0.451	0.672	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.155	7.155	7.85	6.9	0.548	0.74	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.07	0.07	0.126	0.014	0.006	0.079	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	3	14.	14.667	25.	5.	100.333	10.017	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1	5.97	5.97	5.97	5.97	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	3	50.	68.333	130.	25.	3008.333	54.848	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	3	108.	115.333	150.	88.	1001.333	31.644	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	3	258.	208.333	265.	102.	8492.333	92.154	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	3 ##	50.	91.667	200.	25.	8958.333	94.648	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	3	79.	104.	155.	78.	1951.	44.17	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	1513.94	1513.94	1513.94	1513.94	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	1045.	1045.	1300.	790.	130050.	360.624	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	3.006	3.006	3.114	2.898	0.023	0.153	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1013.41								

** - 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 time series plot

Parameter Inventory for Station: TIMU0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	49.	49.	49.	49.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			49.								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	2	0.33	0.33	0.35	0.31	0.001	0.028	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	2099.	1721.333	2342.	723.	762264.333	873.078	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	3	3	1.00	3	3	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	3	1	0.33	3	1	0.33									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0345

NPS Station ID: TIMU0345
LAT/LON: 30.406559/ -81.562003
Agency: 11NPSWRD
Date Created: 08/29/98
Location: HEADWATERS OF NICHOLS CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_JEA_NI_8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 8 WAS AT NICHOLS CREEK AT THE HEADWATERS OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU). DATA WERE PUBLISHED IN THE REPORT "SITE CERTIFICATION APPLICATION; ENVIRONMENTAL INFORMATION DOCUMENT FOR JACKSONVILLE ELECTRIC AUTHORITY; ST. JOHNS RIVER POWER PARK; UNITS 1 & 2; 1985-1987; VOLUME 3" BY THE ENVIROSPHERE COMPANY (1981) FOR THE JACKSONVILLE ELECTRIC AUTHORITY. THE LOCATION OF STATION 8 WAS DETERMINED FROM FIGURE 2.5-14 IN THE REPORT. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0345

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/73-09/19/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/19/73-09/19/73	1	39.1	39.1	39.1	39.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/73-09/19/73	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/73-09/19/73	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/19/73-09/19/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/19/73-09/19/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/73-09/19/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/73-09/19/73	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/73-09/19/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/19/73-09/19/73	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/73-09/19/73	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/19/73-09/19/73	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/73-09/19/73	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/19/73-09/19/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/19/73-09/19/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/19/73-09/19/73	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: TIMU0345

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	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: TIMU0346

NPS Station ID: TIMU0346
LAT/LON: 30.434448/ -81.565837
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: TERRAPIN CREEK AT FAYE ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DC4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
DOWNSTREAM OF M & M DAIRY

Parameter Inventory for Station: TIMU0346

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0347

NPS Station ID: TIMU0347
LAT/LON: 30.400004/ -81.566670
Agency: 1113S050
Date Created: / /
Location: ST JOHNS R DAME POINT TURN
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111045
RMI-Indexes: 0320500
Within Park Boundary: No
RMI-Miles: 0011.90
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 12.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103054700.00
RF3 Mile Point: 7.06
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	17	15.	15.529	19.	13.	3.39	1.841	13.	14.	17.	18.2
00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	9	45.	45.	70.	25.	218.75	14.79	25.	30.	55.	70.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	17	22300.	23658.824	41000.	4400.	108635073.529	10422.815	9840.	15050.	31900.	40360.
00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	17	7.5	7.512	9.	6.7	0.415	0.644	6.78	7.	8.	8.52
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	17	81.9	81.682	92.6	73.3	26.957	5.192	73.7	78.35	84.75	90.04
00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	17	0.8	0.894	1.9	0.3	0.182	0.426	0.3	0.6	1.2	1.58
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	17	1.6	1.841	3.1	0.9	0.368	0.606	1.22	1.45	2.15	3.1
00400	PH (STANDARD UNITS)	02/01/67-03/27/67	17	7.6	7.588	7.8	7.3	0.025	0.158	7.38	7.5	7.75	7.8
00400	CONVERTED PH (STANDARD UNITS)	02/01/67-03/27/67	17	7.6	7.562	7.8	7.3	0.026	0.16	7.38	7.5	7.75	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/67-03/27/67	17	0.025	0.027	0.05	0.016	0.	0.01	0.016	0.018	0.032	0.042
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	17	85.	86.471	117.	64.	212.39	14.574	66.4	74.	96.5	107.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	17	8000.	8767.647	16400.	1350.	16255606.618	4031.824	3790.	5425.	11750.	15280.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	16	3300.	6592.5	35000.	490.	82044486.667	9057.841	700.	2175.	4900.	25900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/03/67-03/27/67	16	3.519	3.574	4.544	2.69	0.211	0.459	2.835	3.321	3.69	4.403
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3749.502								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	16	595.	1636.875	13000.	110.	9825782.917	3134.61	187.	370.	1250.	6070.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	16	2.768	2.868	4.114	2.041	0.252	0.502	2.252	2.564	3.096	3.678
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			738.055								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00				17	0	0.00						
00400	PH	Fresh Chronic	9.	17	0	0.00				17	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00				17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	17	1.00				17	17	1.00						
		Drinking Water	250.	17	17	1.00				17	17	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	14	0.88				16	14	0.88						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	15	0.94				16	15	0.94						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0348

NPS Station ID: TIMU0348 LAT/LON: 30.554726/ -81.567782 Agency: 112WRD Date Created: 09/30/89
Location: LOFTON CREEK UPSTREAM OF CONFLUENCE WITH NASSAU FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 303317081340400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 8.30 On/Off RF1:
RF3 Index: 03070205037200.00 RF3 Mile Point: 5.89 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-02/19/86	20	20000.	21322.	45000.	240.	327123027.368	18086.543	240.	3500.	40075.	44090.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-09/10/85	24	6.6	6.392	8.9	4.2	1.722	1.312	4.55	5.175	6.7	8.6
00400	PH (STANDARD UNITS)	12/01/82-09/10/85	14	7.15	7.017	7.5	5.8	0.204	0.451	6.25	6.8	7.335	7.5
00400	CONVERTED PH (STANDARD UNITS)	12/01/82-09/10/85	14	7.147	6.695	7.5	5.8	0.315	0.562	6.25	6.8	7.335	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/82-09/10/85	14	0.071	0.202	1.585	0.032	0.162	0.402	0.032	0.047	0.158	0.892
00480	SALINITY - PARTS PER THOUSAND	12/01/82-02/19/86	21	12.5	12.49	34.	0.2	116.407	10.789	0.2	2.15	14.75	33.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-09/10/85	8	0.049	0.047	0.104	0.005	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-09/10/85	8	0.84	0.89	1.46	0.41	0.169	0.411	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-09/10/85	13	0.02	0.026	0.07	0.005	0.	0.017	0.006	0.015	0.035	0.058
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-09/10/85	12	0.128	0.174	0.405	0.087	0.01	0.102	0.089	0.103	0.24	0.379
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-09/10/85	12	0.071	0.079	0.166	0.027	0.001	0.036	0.033	0.06	0.099	0.151

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	8	0	0.00	16	0	0.00						
00400	PH	Fresh Chronic	9.	14	0	0.00	8	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	14	1	0.07	8	1	0.13	6	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	7	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0349

NPS Station ID: TIMU0349
LAT/LON: 30.554726/ -81.567782
Agency: 21FLSJWM
Date Created: 08/01/92
Location: LOFTON CK UPSTREAM OF CONF W/ NASSAU RIVER
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): LOC /SSJ10070
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 03070204002500.33
RF3 Mile Point: 0.71
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0349

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0350

NPS Station ID: TIMU0350
LAT/LON: 30.569448/ -81.571670
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: LOFTON CREEK AT BOAT RAMP
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 03070205000200.81
RF3 Mile Point: 4.08
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	29	24.5	22.614	29.2	11.	27.558	5.25	15.5	17.35	27.25	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/14/89-03/05/91	3	25.	24.3	28.9	19.	24.87	4.987	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/14/89-03/05/91	4	10.	17.5	50.	0.	491.667	22.174	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/14/89-03/05/91	4	12.	11.25	15.	6.	14.25	3.775	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	28	20003.5	21504.893	41000.	900.	172464881.433	13132.589	3260.	9125.	35175.	36610.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	6900.	6900.	6900.	6900.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	28	5.9	6.243	8.6	4.4	1.356	1.164	4.68	5.5	7.425	7.9
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	25	7.1	6.936	7.5	6.	0.173	0.416	6.3	6.55	7.24	7.39
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	25	7.1	6.707	7.5	6.	0.228	0.477	6.3	6.55	7.24	7.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	25	0.079	0.196	1.	0.032	0.068	0.261	0.041	0.058	0.284	0.59
00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	16	15.9	14.569	23.2	1.2	78.098	8.837	1.27	4.6	22.775	23.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	9	38.	42.778	78.	19.	337.194	18.363	19.	30.	57.	78.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	18	0.02	0.032	0.121	0.002	0.001	0.035	0.004	0.006	0.05	0.102
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	8	1.2	1.134	2.1	0.593	0.244	0.494	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	18	0.013	0.03	0.16	0.003	0.002	0.039	0.004	0.005	0.043	0.088
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	13	0.12	0.126	0.21	0.058	0.003	0.051	0.059	0.078	0.172	0.202
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	13	2900.	2679.231	5450.	84.	3314510.359	1820.58	160.8	510.	4350.	5070.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	13	8000.	7948.846	14700.	170.	29360499.641	5418.533	470.	2550.	14000.	14420.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	15	378.	515.2	1500.	134.	148895.171	385.869	161.6	270.	560.	1320.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	6 ##	2.25	7.75	30.	0.5	134.275	11.588	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	13	14.	27.615	89.	0.5	802.798	28.334	1.5	4.	54.	78.6
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	6	375.	1213.333	4600.	200.	2943666.667	1715.712	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	8 ##	2.25	6.75	41.	0.5	193.214	13.9	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	13 ##	2.5	43.538	250.	0.5	7397.228	86.007	0.5	1.	43.5	234.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	12 ##	3.	22.333	131.	0.	1512.515	38.891	0.15	0.5	41.	107.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	14	8.5	51.607	260.	3.	6475.468	80.47	3.	5.	66.75	230.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	17	170.	244.	1600.	1.	138055.875	371.559	3.4	60.	250.	720.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	17	2.23	2.001	3.204	0.	0.571	0.756	0.482	1.772	2.395	2.8
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.25								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	18	60.	78.	280.	1.	5180.588	71.976	1.9	28.25	115.	181.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0350

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)	01/02/85-08/03/92	18	1.772	1.636	2.447	0.	0.393	0.627	0.271	1.448	2.06	2.252
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.235								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	5	2.6	2.14	3.1	0.6	1.058	1.029	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	18	6.3	6.506	13.	3.5	4.43	2.105	3.95	5.175	7.5	8.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0350

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	28	0	0.00	19	0	0.00	9	0	0.00						
00400	PH	Marine Chronic	8.5	25	0	0.00	17	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	25	6	0.24	17	3	0.18	8	3	0.38						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	0	0.00	4	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	13	0	0.00	10	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	6	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	13	1	0.08	10	1	0.10	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	12 &	12	1.00	8	8	1.00	4	4	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	1	0.06	11	1	0.09	6	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	1	0.06	12	0	0.00	6	1	0.17						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	18	0	0.00	12	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	21	26.5	25.333	29.2	19.3	8.93	2.988	20.3	23.25	28.	28.96
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	20	31000.	26595.35	41000.	8500.	124795828.239	11171.205	8750.	16500.	35500.	36690.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	19	5.8	5.589	7.7	4.4	0.527	0.726	4.5	5.	5.9	6.
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	17	7.02	7.012	7.5	6.5	0.119	0.345	6.5	6.675	7.325	7.412
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	17	7.02	6.882	7.5	6.5	0.137	0.37	6.5	6.675	7.325	7.412
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	17	0.095	0.131	0.316	0.032	0.011	0.105	0.039	0.048	0.215	0.316
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	12 ##	0.009	0.026	0.121	0.002	0.001	0.034	0.003	0.006	0.033	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	12 ##	0.01	0.02	0.08	0.004	0.001	0.023	0.004	0.005	0.028	0.071
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	9	366.	540.889	1500.	134.	223543.861	472.804	134.	277.	823.	1500.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	10	24.25	33.1	89.	0.5	918.822	30.312	0.85	4.	57.75	86.4
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	10 ##	3.25	55.9	250.	0.5	9125.989	95.53	0.5	1.625	114.	246.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	9	8.	69.889	260.	3.	9233.111	96.089	3.	5.	139.	260.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	11	170.	282.545	1600.	1.	211405.473	459.789	1.6	33.	220.	1380.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	11	2.23	1.91	3.204	0.	0.846	0.92	0.12	1.519	2.342	3.103
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			81.272								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	36.5	58.417	170.	1.	2663.902	51.613	1.3	24.75	87.25	158.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	1.56	1.485	2.23	0.	0.465	0.682	0.09	1.391	1.94	2.195
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.551								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	12	6.3	6.675	13.	3.5	5.54	2.354	3.77	5.5	7.425	11.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	8	15.7	15.475	18.5	11.	4.288	2.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	8	4145.	8778.75	23100.	900.	67362612.5	8207.473	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	9	7.5	7.622	8.6	7.1	0.237	0.487	7.1	7.15	7.9	8.6
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	8	7.105	6.774	7.19	6.	0.277	0.527	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	8	7.105	6.475	7.19	6.	0.38	0.616	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	8	0.079	0.335	1.	0.065	0.175	0.419	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	6	0.048	0.046	0.1	0.004	0.001	0.037	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	6	0.035	0.049	0.16	0.003	0.003	0.057	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	6	500.	476.667	850.	180.	56266.667	237.206	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	3	12.	9.333	13.	3.	30.333	5.508	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	3 ##	1.5	2.333	5.	0.5	5.583	2.363	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	5	9.	18.7	56.	3.	473.45	21.759	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	6	150.	173.333	300.	50.	9706.667	98.522	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	6	2.172	2.168	2.477	1.699	0.083	0.289	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			147.29								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	90.	117.167	280.	23.	8992.167	94.827	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	1.943	1.937	2.447	1.362	0.151	0.388	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			86.59								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	6	6.5	6.167	8.	4.	2.667	1.633	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0351

NPS Station ID: TIMU0351
Location: SJR NEAR CM 51
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin:
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103009600.47
Description:

LAT/LON: 30.397226/ -81.572226
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.47

Agency: 21FLDDPU
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 20030645
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.00
Distance from RF3: 0.12

Date Created: 09/23/95
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-02/12/90	45	21.5	21.804	29.5	10.8	37.324	6.109	12.	16.25	28.	29.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-02/12/90	39	30267.	28309.385	45500.	4200.	93335391.085	9661.024	13700.	22300.	34900.	40500.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-02/12/90	44	7.45	7.314	12.6	4.2	2.782	1.668	5.15	5.725	8.45	9.25
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-02/12/90	41	1.2	1.368	5.3	0.5	0.629	0.793	0.62	1.	1.6	1.98
00400	PH (STANDARD UNITS)	05/14/86-02/12/90	44	7.8	7.692	8.3	6.9	0.098	0.313	7.2	7.525	7.9	8.05
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-02/12/90	44	7.8	7.564	8.3	6.9	0.115	0.339	7.2	7.525	7.9	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-02/12/90	44	0.016	0.027	0.126	0.005	0.001	0.026	0.009	0.013	0.03	0.063
00480	SALINITY - PARTS PER THOUSAND	07/16/86-02/12/90	40	19.5	19.225	34.	5.	51.974	7.209	8.3	12.25	25.	27.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-02/12/90	41	26.	30.049	145.	8.	456.348	21.362	16.2	20.5	34.	42.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-02/12/90	39	0.06	0.068	0.141	0.03	0.	0.022	0.05	0.06	0.074	0.095
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-02/12/90	44	0.5	0.528	2.04	0.	0.158	0.398	0.	0.318	0.623	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-01/16/90	42	0.105	0.138	0.45	0.	0.009	0.094	0.05	0.068	0.2	0.277
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-02/12/90	45	0.1	0.11	0.33	0.03	0.003	0.052	0.06	0.07	0.13	0.174
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-02/12/90	39	12102.	11299.897	18335.	1372.	16227886.2	4028.385	5239.	8620.	14441.	16788.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-02/12/90	40	170.	303.675	1600.	13.	172415.456	415.229	24.1	72.5	337.5	860.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-02/12/90	40	2.23	2.187	3.204	1.114	0.271	0.521	1.379	1.86	2.527	2.929
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			153.929								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-02/12/90	45	50.	100.089	1600.	2.	56230.946	237.131	3.2	15.	120.	170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-02/12/90	45	1.699	1.553	3.204	0.301	0.435	0.659	0.482	1.172	2.078	2.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.729								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/11/87-04/14/87	2	7.63	7.63	9.25	6.01	5.249	2.291	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-02/12/90	41	7.8	10.376	44.	3.3	56.376	7.508	4.92	6.15	13.5	16.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-02/12/90	45	12.2	12.073	13.7	10.7	0.411	0.641	11.	11.9	12.35	12.8

** - 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: TIMU0351

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	44	0	0.00	26	0	0.00	18	0	0.00						
00400	PH	Fresh Chronic	9.	44	0	0.00	26	0	0.00	18	0	0.00						
		Other-Lo Lim.	6.5	44	0	0.00	26	0	0.00	18	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	42	0	0.00	25	0	0.00	17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	39	39	1.00	21	21	1.00	18	18	1.00						
		Drinking Water	250.	39	39	1.00	21	21	1.00	18	18	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0351

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	40	3	0.08	22	1	0.05	18	2	0.11						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	3	0.07	27	2	0.07	18	1	0.06						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	41	0	0.00	24	0	0.00	17	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0352

NPS Station ID: TIMU0352
LAT/LON: 30.397226/ -81.572226
Agency: 21FLA
Date Created: 03/14/87
Location: ST. JOHNS RIVER NEAR MARKER 51
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030645 /LSJR33
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 40
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 12.730
Distance from RF1: 1.00
On/Off RF1: ON
RF3 Index: 03080103009600.47
RF3 Mile Point: 0.47
Distance from RF3: 0.12
On/Off RF3:
Description:
ST. JOHNS RIVER MID-CHANNEL NEAR MARKER 51

Parameter Inventory for Station: TIMU0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	33	20.	17.994	40.	0.8	84.339	9.184	2.	14.	21.	29.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/86-04/13/87	3	20.	18.667	22.	14.	17.333	4.163	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	10/27/86-04/13/87	3	2.5	2.667	3.	2.5	0.083	0.289	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-07/20/88	21	9.5	12.543	44.	1.3	93.142	9.651	4.22	6.7	16.	28.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/13/87	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	21	50.	61.905	140.	20.	1016.19	31.878	30.	40.	65.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/86-04/13/87	3	15100.	12766.667	18900.	4300.	57373333.333	7574.519	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-05/10/88	8	32850.	30573.25	40286.	17100.	61863267.357	7865.321	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/27/86-04/13/87	3	8.8	9.033	10.1	8.2	0.943	0.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/86-08/20/86	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/17/87-06/23/87	3	7.7	7.75	8.	7.55	0.053	0.229	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/17/87-06/23/87	3	7.7	7.713	8.	7.55	0.055	0.234	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/87-06/23/87	3	0.02	0.019	0.028	0.01	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/86-05/10/88	20	7.9	7.91	8.	7.7	0.008	0.091	7.8	7.825	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/86-05/10/88	20	7.9	7.901	8.	7.7	0.008	0.092	7.8	7.825	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/86-05/10/88	20	0.013	0.013	0.02	0.01	0.	0.003	0.01	0.01	0.015	0.016
00480	SALINITY - PARTS PER THOUSAND	10/27/86-04/13/87	3	11.	10.667	15.	6.	20.333	4.509	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/15/87-12/15/87	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/87-05/10/88	5	0.071	0.059	0.092	0.03	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/87-06/23/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/26/88-05/10/88	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/88-05/10/88	2	15388.5	15388.5	16151.	14626.	1162812.5	1078.338	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	22	0.655	0.599	0.84	0.18	0.026	0.163	0.326	0.505	0.705	0.778
01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/27/86	2 ##	23.25	23.25	44.	2.5	861.125	29.345	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	0.85	0.85	1.6	0.1	1.125	1.061	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/27/86	2	101.	101.	130.	72.	1682.	41.012	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/27/86	2	0.94	0.94	1.	0.88	0.007	0.085	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/20/86-10/27/86	2	231.5	231.5	328.	135.	18624.5	136.472	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/27/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/27/86	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/27/86	2	38.785	38.785	74.	3.57	2480.192	49.802	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/27/86	2 ##	23.	23.	41.	5.	648.	25.456	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/27/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/27/86	2 ##	0.78	0.78	1.	0.56	0.097	0.311	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/27/86	2 ##	8.75	8.75	15.	2.5	78.125	8.839	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/21/86-07/20/87	5	6.01	5.228	9.25	0.53	13.735	3.706	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/27/86-10/27/86	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/27/86-10/27/86	1	88.92	88.92	88.92	88.92	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	25	40.	40.72	50.	35.	7.877	2.807	37.2	40.	42.	43.2
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/27/86-10/27/86	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/27/86-10/27/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/27/86-10/27/86	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/27/86-10/27/86	1	5.14	5.14	5.14	5.14	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0352

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	21	0	0.00	10	0	0.00	11	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	20	0	0.00	10	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	20	0	0.00	10	0	0.00	10	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	2	1.00	2	2	1.00									
		Drinking Water	250.	2	2	1.00	2	2	1.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	22	0	0.00	11	0	0.00	11	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	1	0.50	2	1	0.50									
		Drinking Water	5.	2	1	0.50	2	1	0.50									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0353

NPS Station ID: TIMU0353 | LAT/LON: 30.569087/ -81.572476 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: LOFTON CREEK BOAT RAMP | FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR10
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR10 WAS AT LOFTON CREEK DUE EAST OF THE CUNO POINT BOAT RAMP AT MID-CHANNEL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	30	2.5	3.523	10.	0.3	11.192	3.345	0.3	0.3	6.5	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	2	29.2	29.2	29.2	29.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	2	20003.5	20003.5	20112.	19895.	23544.5	153.442	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	2	7.02	7.02	7.02	7.02	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	2	7.02	7.02	7.02	7.02	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	2	0.095	0.095	0.095	0.095	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	2	11.9	11.9	12.	11.8	0.02	0.141	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	4	1.4	1.54	2.15	1.21	0.174	0.418	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0353

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	21	0.7	2.671	10.	0.3	9.296	3.049	0.3	0.3	5.	8.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	9	8.	5.511	8.	0.3	10.979	3.313	0.3	2.15	8.	8.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0354

NPS Station ID: TIMU0354
LAT/LON: 30.520838/ -81.574449
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: MINK CREEK AT MILL BRANCH
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0008
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 3.80
On/Off RF1:
RF3 Index: 03070205035000.00
RF3 Mile Point: 0.32
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	20	24.55	22.92	29.5	11.	33.444	5.783	13.28	18.375	28.3	29.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/06/91-03/06/91	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/06/91-03/06/91	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/06/91-03/06/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/06/91-03/06/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	14	29235.	29597.286	45800.	3000.	173422804.681	13169.009	9600.	16725.	42100.	45150.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	10700.	10700.	10700.	10700.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	18	5.3	5.444	8.	3.4	2.001	1.415	3.67	4.325	6.725	7.73
00400	PH (STANDARD UNITS)	05/15/85-08/03/92	18	7.06	7.139	8.	6.6	0.13	0.36	6.69	6.8	7.355	7.73
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-08/03/92	18	7.06	7.021	8.	6.6	0.144	0.38	6.69	6.8	7.355	7.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-08/03/92	18	0.087	0.095	0.251	0.01	0.004	0.066	0.019	0.044	0.158	0.205
00480	SALINITY - PARTS PER THOUSAND	10/11/88-08/03/92	8	23.45	23.125	34.	9.7	78.365	8.852	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	9	43.	47.778	82.	28.	270.944	16.46	28.	36.	57.5	82.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	17	0.02	0.027	0.09	0.004	0.001	0.027	0.005	0.006	0.05	0.075
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	8	0.64	0.572	1.1	0.015	0.098	0.314	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	17 ##	0.015	0.034	0.13	0.001	0.002	0.044	0.003	0.005	0.05	0.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	13	0.12	0.121	0.18	0.05	0.002	0.042	0.053	0.087	0.154	0.176
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	13	4800.	4238.462	7400.	400.	4039230.769	2009.784	920.	2750.	5700.	6880.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	13	13200.	13153.154	21500.	1500.	38701009.308	6221.014	3100.	8050.	18500.	20980.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	14	300.	366.679	1050.	0.5	68524.523	261.772	60.25	203.	533.5	845.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/06/91-03/06/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	6	3.5	27.25	140.	0.5	3079.175	55.49	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/06/91-03/06/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	12	13.	32.542	128.	0.5	1611.93	40.149	0.65	2.5	60.25	112.7
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	6	360.	681.75	1800.	0.5	497240.375	705.153	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7 ##	1.	11.429	72.	0.5	714.452	26.729	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	11 ##	4.	72.818	470.	0.5	22782.664	150.939	0.5	2.	50.	426.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	05/15/85-08/03/92	10 ##	3.5	24.05	154.	0.5	2279.747	47.747	0.5	0.5	25.5	143.1
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	12	14.75	77.792	300.	0.5	10446.839	102.21	0.5	4.5	121.	282.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/06/91-03/06/91	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/06/91-03/06/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	17	90.	553.647	5000.	2.	1567021.243	1251.807	16.4	40.	210.	2280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-08/03/92	17	1.954	2.04	3.699	0.301	0.632	0.795	1.101	1.591	2.314	3.303
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			109.717								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	17	50.	181.412	900.	1.	85938.632	293.153	16.2	30.5	125.	900.

** - Less than 9 observations ## - 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: TIMU0354

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)	05/15/85-08/03/92	17	1.699	1.809	2.954	0.	0.48	0.693	1.041	1.484	2.094	2.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			64.477								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5 ##	0.1	0.31	1.	0.1	0.153	0.391	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	02/14/89-08/03/92	3	1.2	9.967	28.3	0.4	252.243	15.882	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	17	5.9	6.618	14.	3.7	7.954	2.82	3.94	4.4	8.25	11.6

** - 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: TIMU0354

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	4	0.22	14	4	0.29	4	0	0.00						
00400	PH	Marine Chronic	8.5	18	0	0.00	13	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	18	0	0.00	13	0	0.00	5	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	2	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	1	0.17	4	0	0.00	2	1	0.50						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	1	0.08	10	1	0.10	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	1	0.14	6	1	0.17	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	2	0.18	10	2	0.20	1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	11 &	9	0.82	9	7	0.78	2	2	1.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	3	0.18	12	1	0.08	5	2	0.40						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	3	0.18	12	1	0.08	5	2	0.40						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	15	26.	25.62	29.5	19.5	11.919	3.452	19.56	22.2	28.8	29.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	11	29470.	32305.636	45800.	16200.	121041141.455	11001.87	16260.	22000.	42400.	45540.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	14	4.85	4.907	6.8	3.4	1.128	1.062	3.55	3.775	5.725	6.55
00400	PH (STANDARD UNITS)	05/15/85-08/03/92	13	7.06	7.212	8.	6.6	0.14	0.375	6.68	7.	7.425	7.88
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-08/03/92	13	7.06	7.082	8.	6.6	0.159	0.398	6.68	7.	7.425	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-08/03/92	13	0.087	0.083	0.251	0.01	0.004	0.065	0.014	0.038	0.1	0.214
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	12 ##	0.014	0.024	0.071	0.005	0.001	0.024	0.005	0.006	0.048	0.068
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	12 ##	0.01	0.031	0.13	0.001	0.002	0.047	0.002	0.005	0.035	0.13
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	10	284.5	312.35	640.	0.5	42670.892	206.569	12.45	130.5	533.5	629.5
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	10 ##	13.	35.15	128.	0.5	1856.725	43.09	0.55	3.25	68.	122.9
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	10 ##	4.5	80.05	470.	0.5	24674.858	157.082	0.65	2.375	100.	448.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	9	100.	100.222	300.	0.5	12082.882	109.922	0.5	4.75	180.5	300.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	12	65.	485.167	5000.	2.	2025956.879	1423.361	7.4	30.25	127.5	3575.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-08/03/92	12	1.801	1.83	3.699	0.301	0.621	0.788	0.601	1.481	2.098	3.309
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.649								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	12	44.5	89.5	500.	1.	18297.182	135.267	6.7	24.75	102.5	392.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	12	1.646	1.618	2.699	0.	0.413	0.642	0.39	1.391	2.007	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.464								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	12	5.9	6.633	11.	4.3	4.673	2.162	4.36	4.8	8.625	10.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-08/03/92	5	15.8	14.82	18.	11.	7.792	2.791	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-08/03/92	3	16800.	19666.667	39200.	3000.	333773333.333	18269.465	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/15/85-08/03/92	4	7.3	7.325	8.	6.7	0.389	0.624	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/85-08/03/92	5	6.8	6.95	7.3	6.7	0.068	0.26	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/85-08/03/92	5	6.8	6.895	7.3	6.7	0.071	0.267	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-08/03/92	5	0.158	0.127	0.2	0.05	0.004	0.064	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/85-08/03/92	5	0.024	0.035	0.09	0.004	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/15/85-08/03/92	5	0.02	0.041	0.1	0.003	0.002	0.039	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	05/15/85-08/03/92	4	335.	502.5	1050.	290.	134491.667	366.731	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/85-08/03/92	2	19.5	19.5	37.	2.	612.5	24.749	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/85-08/03/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/85-08/03/92	3	9.	10.5	19.5	3.	69.75	8.352	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/85-08/03/92	5	170.	718.	1600.	110.	648870.	805.525	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/85-08/03/92	5	2.23	2.544	3.204	2.041	0.369	0.607	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			350.183								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	5	110.	402.	900.	50.	207270.	455.269	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/15/85-08/03/92	5	2.041	2.27	2.954	1.699	0.41	0.64	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			186.022								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/15/85-08/03/92	5	4.2	6.58	14.	3.7	18.962	4.355	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0355

NPS Station ID: TIMU0355 | LAT/LON: 30.520838/ -81.574948 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: MINK CREEK AT MILL BRANCH | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR08 WAS AT MINK CREEK APPROXIMATELY 1.25 KILOMETERS SOUTHEAST OF BURTON ISLAND AT THE MILL BRANCH AND MINK CREEK POINT OF DISCHARGE TO SAMPLES CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	21	0.7	2.271	10.	0.3	7.252	2.693	0.3	0.3	3.5	7.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	2	29.2	29.2	29.2	29.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	2	29231.	29231.	29470.	28992.	114242.	337.997	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	2	3.75	3.75	3.8	3.7	0.005	0.071	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	2	54.35	54.35	55.	53.7	0.845	0.919	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	2	7.06	7.06	7.06	7.06	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	2	7.06	7.06	7.06	7.06	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	2	0.087	0.087	0.087	0.087	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/23/90-07/27/92	4	16.95	17.025	18.2	16.	1.416	1.19	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	3	0.81	0.923	1.16	0.8	0.042	0.205	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0355

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00									
00406	PH, FIELD	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	15	0.3	2.16	10.	0.3	7.195	2.682	0.3	0.3	4.	6.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/15/85-08/03/92	6	1.85	2.55	8.	0.3	8.731	2.955	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0356

NPS Station ID: TIMU0356
LAT/LON: 30.383949/ -81.577366
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R BY NAVIGATION TOWER
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030014
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 22.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103254100.00
RF3 Mile Point: 1.61
Distance from RF3: 0.04
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDCHANNEL BETWEEN QUARANTINE ISLAND AND PAULINE ISLAND BY NAVIGATION TOWER

Parameter Inventory for Station: TIMU0356

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0357

NPS Station ID: TIMU0357
LAT/LON: 30.416670/ -81.580559
Agency: 112WRD
Date Created: 03/23/85
Location: DUNNS CR DUPLICATES
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302500081345002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 26.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103249500.00
RF3 Mile Point: 1.64
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/11/84-06/11/84	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: TIMU0358

NPS Station ID: TIMU0358
LAT/LON: 30.416670/ -81.580559
Agency: 112WRD
Date Created: 03/23/85
Location: DUNNS CR SITE 2
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302500081345001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 26.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080103009600.65
RF3 Mile Point: 0.65
Distance from RF3: 0.73
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/11/84-07/27/84	3	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0359

NPS Station ID: TIMU0359
LAT/LON: 30.403587/ -81.580531
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R CHANNEL MARKER 53
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030061
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 23.780
Distance from RF1: 3.60
On/Off RF1: ON
RF3 Index: 03080103009600.12
RF3 Mile Point: 0.11
Distance from RF3: 0.18
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER AT BRILLS CUT CHANNEL MARKER #53 BETWEEN DAMES POINT AND MOUTH OF THE TROUT RIVER

Parameter Inventory for Station: TIMU0359

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0360

NPS Station ID: TIMU0360 LAT/LON: 30.405837/ -81.580559 Agency: 11NPSWRD Date Created: 08/29/98
Location: ST. JOHNS RIVER DOWNSTREAM FROM DUNN CREEK FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_DER_SJR-07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-07 WAS AT THE ST. JOHNS RIVER DOWNRIVER FROM DUNN CREEK AT THE IRON PILING OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	25.85	25.85	30.2	21.5	37.845	6.152	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	7.25	7.25	7.5	7.	0.125	0.354	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	6965.	6965.	7000.	6930.	2450.	49.497	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	6.4	6.4	7.3	5.5	1.62	1.273	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.35	7.35	7.7	7.	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.222	7.222	7.7	7.	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	3	14.	13.	20.	5.	57.	7.55	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	3	50.	68.333	130.	25.	3008.333	54.848	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	3	84.	105.333	168.	64.	3045.333	55.185	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	3	406.	371.333	450.	258.	10117.333	100.585	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	3 ##	50.	91.667	200.	25.	8958.333	94.648	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	3	74.	83.667	111.	66.	576.333	24.007	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	3152.	3152.	3152.	3152.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	2300.	2300.	3300.	1300.	2000000.	1414.214	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	3.316	3.316	3.519	3.114	0.082	0.286	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2071.232								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	150.	150.	170.	130.	800.	28.284	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	2.172	2.172	2.23	2.114	0.007	0.082	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			148.661								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-08/09/82	2	0.3	0.3	0.32	0.28	0.001	0.028	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	139.	224.667	514.	21.	66266.333	257.422	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0360

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	3	3	1.00	3	3	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	3	1	0.33	3	1	0.33									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0361

NPS Station ID: TIMU0361
LAT/LON: 30.428615/ -81.580837
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: TERRAPIN CREEK AT ALTA ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DC5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	88	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	63	23.5	22.232	32.3	12.1	28.941	5.38	14.7	16.8	26.9	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/95-11/30/98	20	15371.	13512.6	24675.	1540.	67674783.305	8226.468	1919.6	4463.75	20905.	22989.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	64	5.95	5.93	12.	2.1	4.018	2.004	3.15	4.525	7.45	8.45
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/02/95-11/30/98	20	71.5	69.795	102.7	38.	324.998	18.028	42.06	55.55	84.875	95.7
00400p	PH (STANDARD UNITS)	03/08/84-11/30/98	63	7.	7.041	8.	5.6	0.205	0.452	6.5	6.8	7.4	7.56
00400p	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	63	7.	6.764	8.	5.6	0.283	0.532	6.5	6.8	7.4	7.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	63	0.1	0.172	2.512	0.01	0.114	0.337	0.028	0.04	0.158	0.316
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/02/95-10/03/95	4	16343.	14471.5	19805.	5395.	40562395.667	6368.861	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	42	11.	10.048	29.	1.	43.754	6.615	2.	4.75	14.	18.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/95-10/03/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/03/95-10/03/95	1	1.91	1.91	1.91	1.91	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/95-10/03/95	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/95-10/03/95	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/95-10/03/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/95-10/03/95	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/95-10/03/95	1	627.	627.	627.	627.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/95-10/03/95	1	1497.	1497.	1497.	1497.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/90-04/04/95	22	2250.	12107.273	160000.	230.	1140711554.113	33774.422	311.	800.	8250.	25800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/90-04/04/95	22	3.352	3.423	5.204	2.362	0.497	0.705	2.463	2.903	3.916	4.395
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2649.824								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	27	800.	7953.333	160000.	10.	945020138.462	30741.18	126.	220.	1700.	10400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	27	2.903	2.911	5.204	1.	0.653	0.808	2.099	2.342	3.23	3.952
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			815.16								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/95-10/03/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/03/95-10/03/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/03/95-10/03/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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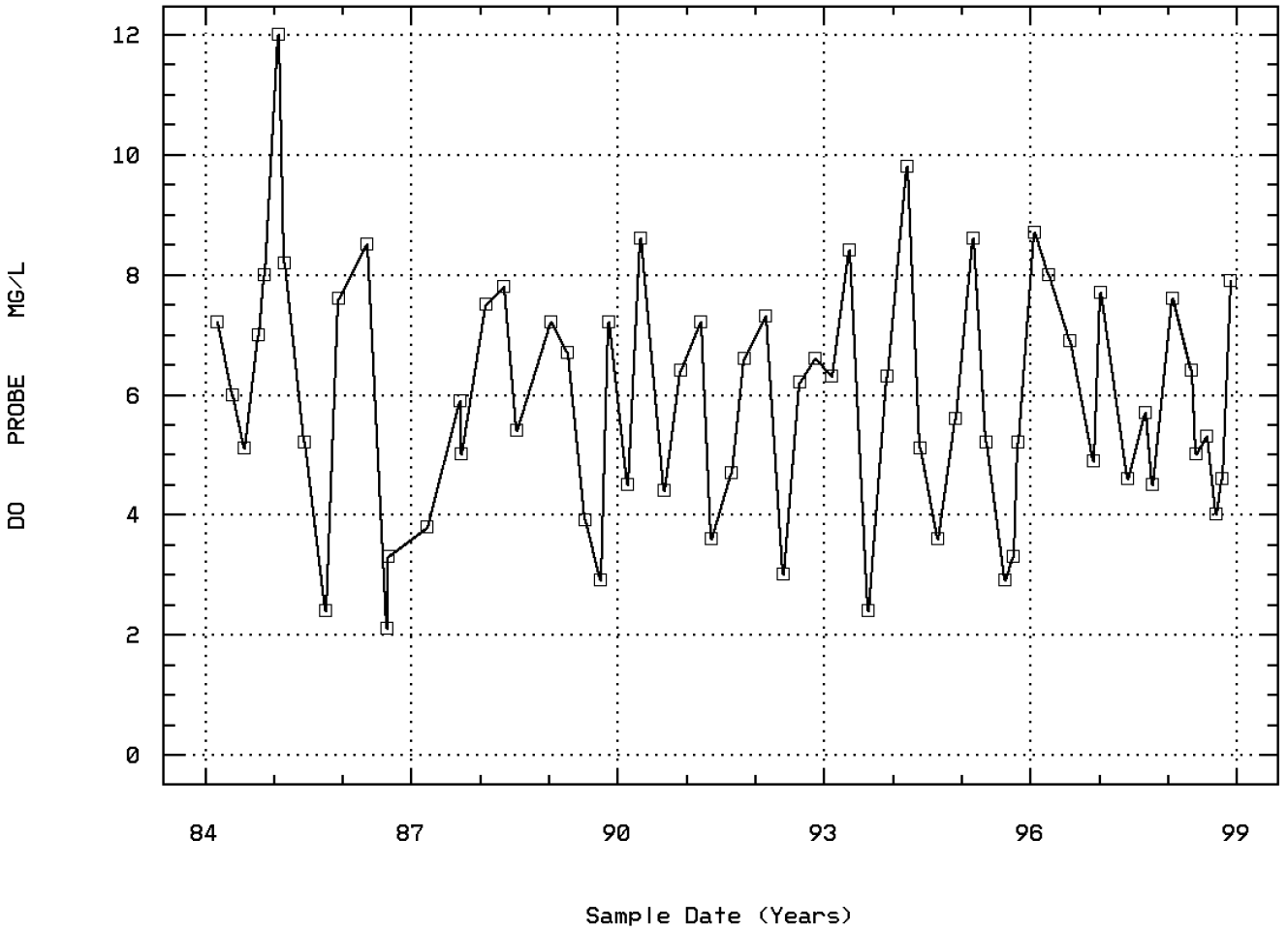
EPA Water Quality Criteria Analysis for Station: TIMU0361

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	64	13	0.20	39	12	0.31	25	1	0.04						
00400	PH	Fresh Chronic	9.	63	0	0.00	38	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	63	8	0.13	38	3	0.08	25	5	0.20						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	15	0.68	12	8	0.67	10	7	0.70						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	23	0.85	16	14	0.88	11	9	0.82						
82079	TURBIDITY, LAB	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: TIMU0361 Parameter Code: 00299

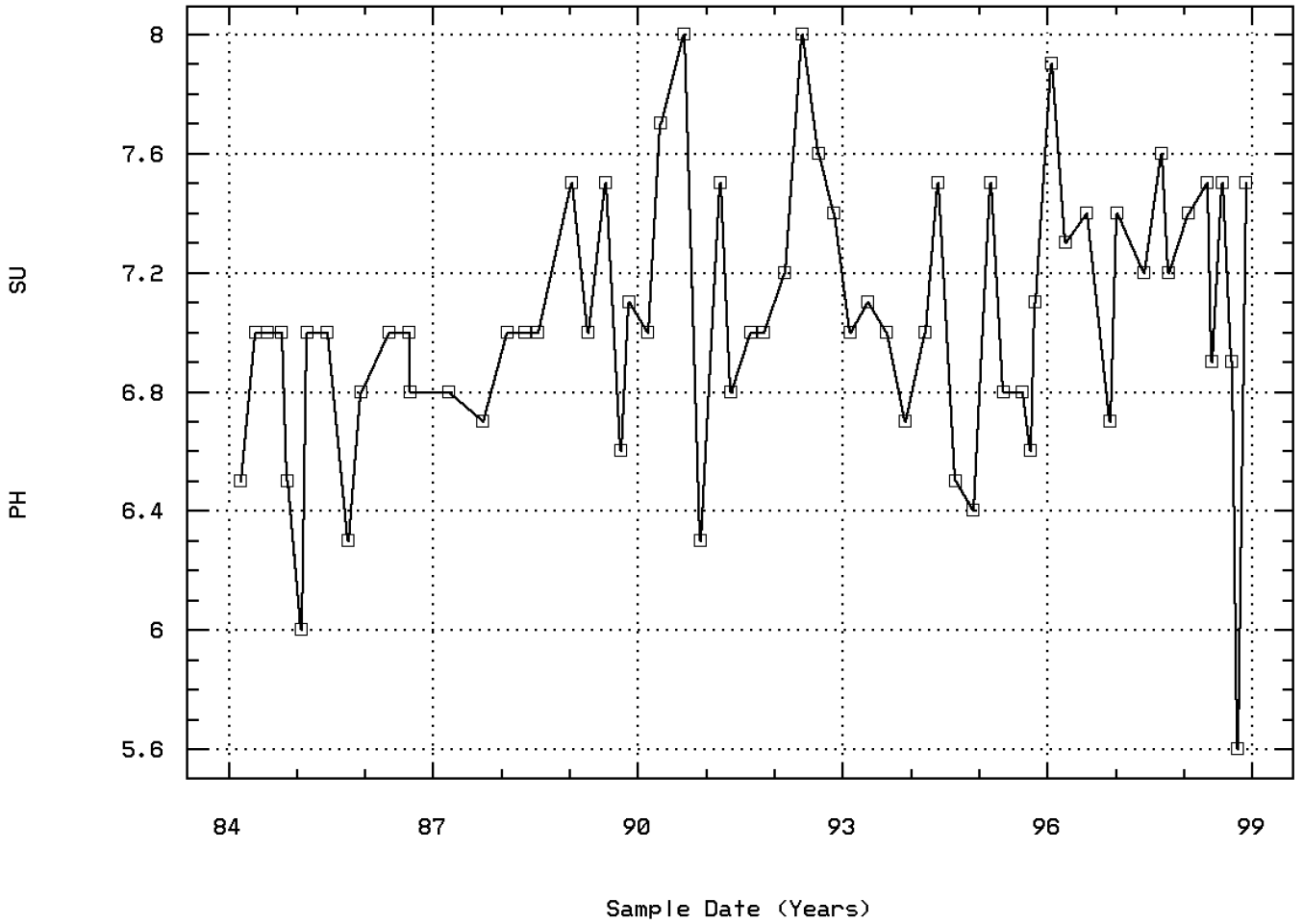
OXYGEN, DISSOLVED, ANALYSIS BY PROBE



TERRAPIN CREEK AT ALTA ROAD

Station: TIMU0361 Parameter Code: 00400

PH (STANDARD UNITS)



TERRAPIN CREEK AT ALTA ROAD

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	52	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	38	26.05	25.918	32.3	18.2	8.664	2.943	21.85	23.875	27.925	29.55
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	39	5.1	5.059	8.6	2.1	2.92	1.709	2.9	3.6	6.2	7.8
00400	PH (STANDARD UNITS)	03/08/84-11/30/98	38	7.	7.068	8.	5.6	0.209	0.457	6.59	6.8	7.425	7.61
00400	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	38	7.	6.76	8.	5.6	0.307	0.554	6.59	6.8	7.425	7.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	38	0.1	0.174	2.512	0.01	0.161	0.401	0.025	0.038	0.158	0.258
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	27	11.	11.222	29.	1.	51.487	7.175	1.8	5.	15.	22.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	16	950.	2538.75	24000.	110.	34264491.667	5853.588	131.	222.5	1600.	10700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	16	2.972	2.899	4.38	2.041	0.384	0.62	2.115	2.347	3.201	3.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			792.768								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	36	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	25	16.5	16.628	23.8	12.1	7.176	2.679	12.94	14.75	18.	20.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	25	7.3	7.288	12.	3.8	2.769	1.664	4.74	6.35	8.	9.14
00400	PH (STANDARD UNITS)	03/08/84-11/30/98	25	7.	7.	7.9	6.	0.203	0.451	6.36	6.7	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	25	7.	6.769	7.9	6.	0.259	0.509	6.36	6.7	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	25	0.1	0.17	1.	0.013	0.046	0.214	0.032	0.04	0.2	0.439
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	15	9.	7.933	15.	1.	25.067	5.007	1.6	2.	12.	14.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	11	660.	15829.091	160000.	10.	2290516969.091	47859.346	34.	220.	3000.	129400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	11	2.82	2.929	5.204	1.	1.12	1.058	1.223	2.342	3.477	4.932
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			848.865								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0362

NPS Station ID: TIMU0362
LAT/LON: 30.411948/ -81.582503
Agency: 21FLDDPU
Date Created: 09/23/95
Location: DUNN CREEK AT SR 105 (HECKSHER DR.)
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/86-07/16/90	8	24.75	24.438	30.	19.	18.031	4.246	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-07/16/90	7	23400.	23000.	27500.	14800.	17960000.	4237.924	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/16/86-07/16/90	8	6.55	6.538	8.1	4.3	1.586	1.259	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-07/16/90	7	1.	1.157	1.8	0.7	0.183	0.428	**	**	**	**
00400	PH (STANDARD UNITS)	07/16/86-07/16/90	8	7.6	7.625	8.	7.3	0.054	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/16/86-07/16/90	8	7.6	7.575	8.	7.3	0.056	0.238	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/86-07/16/90	8	0.025	0.027	0.05	0.01	0.	0.013	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/16/86-07/16/90	6	15.	15.833	20.	13.	6.967	2.639	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-07/16/90	7	28.	27.143	54.	12.	203.476	14.265	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/16/86-07/16/90	8	0.815	0.95	1.58	0.71	0.095	0.308	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-07/16/90	7	0.06	0.066	0.1	0.05	0.	0.018	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/86-07/16/90	8	0.785	0.861	1.5	0.6	0.091	0.302	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/86-07/16/90	5	0.17	0.142	0.24	0.05	0.006	0.077	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/86-07/16/90	8	0.1	0.115	0.2	0.1	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-07/16/90	7	10399.	11699.857	15522.	9004.	6578557.81	2564.87	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-07/16/90	6	195.	298.333	900.	110.	91176.667	301.955	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-07/16/90	6	2.286	2.343	2.954	2.041	0.116	0.34	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			220.213								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/16/86-07/16/90	8	50.	55.375	110.	4.	1744.268	41.764	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/16/86-07/16/90	8	1.699	1.535	2.041	0.602	0.307	0.554	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			34.302								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/86-07/16/90	7	6.6	6.771	10.3	3.3	7.179	2.679	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	07/16/86-07/16/90	8	1.35	1.688	3.	0.9	0.744	0.863	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0362

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	6	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	8	0	0.00	6	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	6	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	7	1.00	5	5	1.00	2	2	1.00						
		Drinking Water	250.	7	7	1.00	5	5	1.00	2	2	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0362

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	6	0	0.00	4	0	0.00	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	5	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0363

NPS Station ID: TIMU0363 | LAT/LON: 30.411837/ -81.582503 | Agency: 21FLA | Date Created: / /
Location: DUNNS CR FLA RT 105 (HECKSHER DR.) | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): 20030147 / LSJR32
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 5 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 26.730 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 03080103000501.59 | RF3 Mile Point: 1.58 | Distance from RF3: 0.04 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: CREEK, DUNNS DUNNS CREEK MOUTH OF RIVER AT BRIDGE SR105 (HECKSHER DR.)

Parameter Inventory for Station: TIMU0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	21	2.	2.429	5.	1.	1.857	1.363	1.	1.	4.	4.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/72-04/13/87	6	21.5	22.	29.5	14.	32.5	5.701	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/20/86-02/17/87	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/72-09/26/72	2	7.5	7.5	15.	0.	112.5	10.607	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-10/22/86	2	6.4	6.4	9.5	3.3	19.22	4.384	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/13/87	4	0.95	0.9	1.1	0.6	0.047	0.216	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/72-08/14/72	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-10/20/86	2	50.	50.	80.	20.	1800.	42.426	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/86-04/13/87	3	21700.	23006.667	43000.	4320.	375316133.333	19373.078	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-10/20/86	2	33700.	33700.	39600.	27800.	69620000.	8343.86	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/86-04/13/87	3	8.3	8.833	10.4	7.8	1.903	1.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/72-10/20/86	4	6.5	6.55	7.8	5.4	1.13	1.063	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/14/72-08/14/72	1	73.4	73.4	73.4	73.4	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-11/02/76	2	1.2	1.2	2.	0.4	1.28	1.131	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/86-04/13/87	3	7.9	7.933	8.2	7.7	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/86-04/13/87	3	7.9	7.888	8.2	7.7	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/86-04/13/87	3	0.013	0.013	0.02	0.006	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/72-10/20/86	4	7.45	7.425	8.	6.8	0.376	0.613	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/72-10/20/86	4	7.25	7.153	8.	6.8	0.474	0.689	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/72-10/20/86	4	0.056	0.07	0.158	0.01	0.005	0.072	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/20/86-04/13/87	3	14.	16.333	30.	5.	160.333	12.662	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/26/72-09/26/72	1	19170.	19170.	19170.	19170.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/26/72-09/26/72	1	18850.	18850.	18850.	18850.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/72-09/26/72	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/86-10/20/86	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/02/76-11/02/76	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/86-10/20/86	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/02/76-11/02/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/72-09/26/72	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/72-10/20/86	3	10600.	11940.667	15522.	9700.	9821961.333	3134.001	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/72-09/26/72	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-10/20/86	2	0.705	0.705	0.81	0.6	0.022	0.148	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/20/86	2 ##	23.25	23.25	44.	2.5	861.125	29.345	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/20/86	2	127.5	127.5	144.	111.	544.5	23.335	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/20/86	2	2.505	2.505	2.81	2.2	0.186	0.431	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	09/26/72-10/20/86	3	262.	251.	491.	0.	60361.	245.685	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/20/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/20/86	2 ##	2.415	2.415	3.33	1.5	1.674	1.294	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/20/86	2	9.49	9.49	11.	7.98	4.56	2.135	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/20/86	2 ##	25.	25.	45.	5.	800.	28.284	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/20/86	2 ##	33.5	33.5	47.	20.	364.5	19.092	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	2 ##	0.87	0.87	1.	0.74	0.034	0.184	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/20/86	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/02/76-11/02/76	1	350.	350.	350.	350.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/02/76-11/02/76	1	2.544	2.544	2.544	2.544	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			350.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/72-10/20/86	5	4900.	4476.	7900.	280.	10153880.	3186.515	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/72-10/20/86	5	3.69	3.448	3.898	2.447	0.357	0.597	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2807.769								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-10/20/86	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-10/20/86	1	1.903	1.903	1.903	1.903	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-11/02/76	1	88.	88.	88.	88.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-11/02/76	1	1.944	1.944	1.944	1.944	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			88.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/20/87	5	5.34	6.524	14.83	1.12	25.476	5.047	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	1	3.02	3.02	3.02	3.02	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	1	91.78	91.78	91.78	91.78	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/13/87-04/13/87	1	535.	535.	535.	535.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/26/72-09/26/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-04/13/87	5	4.	5.6	10.	3.	8.3	2.881	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	1	1.24	1.24	1.24	1.24	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	1	3.42	3.42	3.42	3.42	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/20/86-04/13/87	3	1.434	1.646	2.186	1.318	0.222	0.471	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/20/86-04/13/87	3	8.	7.	8.	5.	3.	1.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0363

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	3	1.00	3	3	1.00									
		Drinking Water	250.	3	3	1.00	3	3	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	1	0.50	2	1	0.50									
		Drinking Water	5.	2	1	0.50	2	1	0.50									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									

& - 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: TIMU0363

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	4	0.80	5	4	0.80									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	16	2.	2.375	5.	1.	1.983	1.408	1.	1.	4.	4.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	5	2.	2.6	4.	1.	1.8	1.342	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0364

NPS Station ID: TIMU0364
LAT/LON: 30.405670/ -81.583338
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R DUNNS CR
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030032
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 26.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103259900.00
RF3 Mile Point: 0.90
Distance from RF3: 0.00
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDWAY BETWEEN NORTH WEST END OF DUNNS CREEK BRIDGE AND SMALL SPOIL ISLAND

Parameter Inventory for Station: TIMU0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-09/20/83	8	3.5	6.75	25.	2.	60.5	7.778	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/72-09/20/83	3	27.7	27.567	28.	27.	0.263	0.513	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/72-08/14/72	2	15.5	15.5	22.	9.	84.5	9.192	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/83-09/20/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/72-08/14/72	2	57.5	57.5	60.	55.	12.5	3.536	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	21500.	21500.	21500.	21500.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-09/20/83	1	22900.	22900.	22900.	22900.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/20/83-09/20/83	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/72-09/20/83	3	5.3	5.533	6.3	5.	0.463	0.681	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/14/72-08/14/72	2	81.1	81.1	86.5	75.7	58.32	7.637	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-09/20/83	3	0.2	0.633	1.5	0.2	0.563	0.751	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/83-09/20/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/83-09/20/83	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/72-09/20/83	3	7.	7.3	7.9	7.	0.27	0.52	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/72-09/20/83	3	7.	7.15	7.9	7.	0.304	0.551	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/72-09/20/83	3	0.1	0.071	0.1	0.013	0.003	0.05	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.352	0.352	0.352	0.352	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/83-09/20/83	1	0.098	0.098	0.098	0.098	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/83-09/20/83	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/83-09/20/83	1	0.161	0.161	0.161	0.161	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/72-08/14/72	2	10700.	10700.	11200.	10200.	500000.	707.107	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/72-09/20/83	3	910.	1126.667	2300.	170.	1169433.333	1081.403	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/72-09/20/83	3	2.959	2.85	3.362	2.23	0.329	0.573	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			708.608								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	33.	33.	33.	33.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/20/83-09/20/83	1	1.519	1.519	1.519	1.519	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	1	1.89	1.89	1.89	1.89	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	5	1.585	1.903	2.75	1.	0.629	0.793	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	5	5.	5.2	9.	2.	8.2	2.864	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0364

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	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									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	1	0.33	3	1	0.33									
31615	FECAL COLIFORM, MPN	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: TIMU0365

NPS Station ID: TIMU0365 | LAT/LON: 30.405670/ -81.583338 | Agency: 21FLA | Date Created: / /
Location: ST JOHNS R NEAR BUOY NO 53 | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030008
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 26.730 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103249800.00 | RF3 Mile Point: 3.79 | Distance from RF3: 0.04 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER NEAR BUOY NO 53 APPROXIMATELY 1/3 OF WAY FROM WEST TIP OF QUARANTINE ISLAND

Parameter Inventory for Station: TIMU0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-07/20/72	7	10.	10.	10.	10.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/72-07/20/72	3	29.	29.333	30.	29.	0.333	0.577	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-07/20/72	4	9.	10.25	15.	8.	10.917	3.304	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/72-07/20/72	7	4.8	4.714	5.8	4.	0.375	0.612	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/18/72-07/20/72	3	0.8	0.8	1.3	0.3	0.25	0.5	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/72-07/20/72	4	7.45	7.375	7.5	7.1	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-07/20/72	4	7.447	7.341	7.5	7.1	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-07/20/72	4	0.036	0.046	0.079	0.032	0.001	0.023	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-07/20/72	7	4900.	5114.286	6000.	4600.	254761.905	504.739	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	3	7000.	18666.733	49000.	0.2	702329600.013	26501.502	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-07/19/72	3	3.845	2.612	4.69	-0.699	8.401	2.898	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			409.362								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	2	0.29	7	2	0.29									
00400	PH	Marine Chronic	8.5	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67	3	2	0.67									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0366

NPS Station ID: TIMU0366
LAT/LON: 30.437226/ -81.583892
Agency: 21FLA
Date Created: 12/28/84
Location: DUNNS CR AT FAYE ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030140
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 10
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 26.730
Distance from RF1: 10.00
On/Off RF1: OFF
RF3 Index: 03080103347900.96
RF3 Mile Point: 2.23
Distance from RF3: 0.24
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER' CREEK, DUNNS APPROXIMATELY 200 FEET NORTH OF FAYE RD BRIDGE , MIDSTREAM

Parameter Inventory for Station: TIMU0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/24/84-01/14/85	4	2.5	2.75	4.	2.	0.917	0.957	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/85-01/14/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	01/14/85-01/14/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/14/85-01/14/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/14/85-01/14/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	01/14/85-01/14/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/14/85-01/14/85	1	13200.	13200.	13200.	13200.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/85-01/14/85	1	19250.	19250.	19250.	19250.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/85-01/14/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/14/85-01/14/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/14/85-01/14/85	1	7.49	7.49	7.49	7.49	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/14/85-01/14/85	1	7.49	7.49	7.49	7.49	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/85-01/14/85	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/14/85-01/14/85	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/85-01/14/85	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/85-01/14/85	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/14/85-01/14/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/85-01/14/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/14/85-01/14/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/14/85-01/14/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/85-01/14/85	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/14/85-01/14/85	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/85-01/14/85	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/85-01/14/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/85-01/14/85	1	0.121	0.121	0.121	0.121	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/14/85-01/14/85	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/14/85-01/14/85	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			490.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/85-01/14/85	1	79.	79.	79.	79.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/14/85-01/14/85	1	1.898	1.898	1.898	1.898	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			79.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/24/84-01/14/85	2	13.23	13.23	19.24	7.22	72.24	8.499	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/85-01/14/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/14/85-01/14/85	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	01/14/85-01/14/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	04/24/84-01/14/85	3	2.025	1.94	2.156	1.639	0.072	0.269	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	04/24/84-01/14/85	3	8.	8.667	12.	6.	9.333	3.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0366

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
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						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0367

NPS Station ID: TIMU0367
LAT/LON: 30.437505/ -81.583892
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: DUNN CR. AT R.R. BRIDGE-END OF FAYE ROAD E. SIDE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DC144
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0367

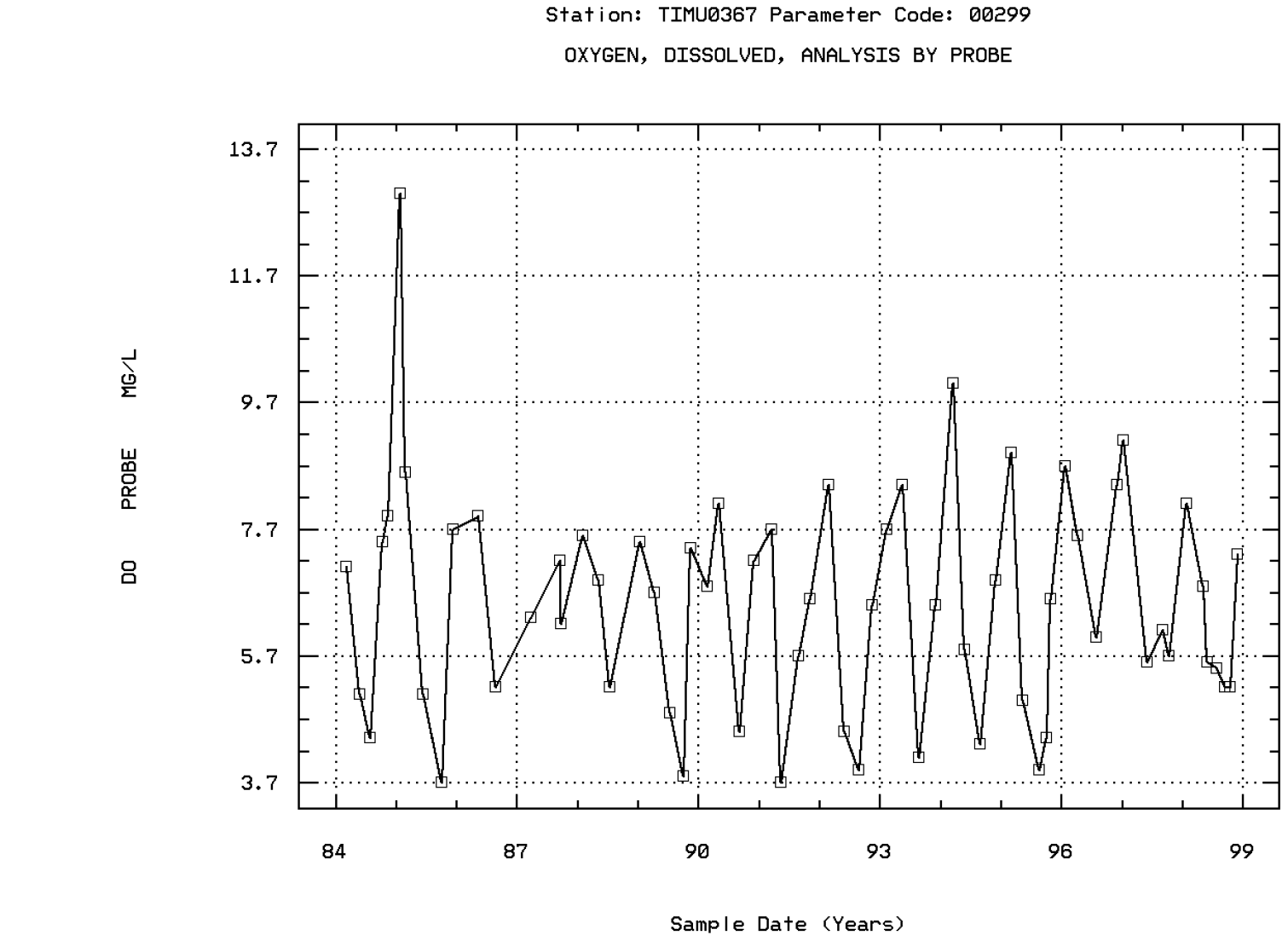
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	87	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	62	23.15	22.213	31.	11.9	28.864	5.373	15.24	16.5	27.425	28.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/95-11/30/98	20	16501.5	14363.9	28200.	1414.	74295622.621	8619.491	2710.2	4848.5	21374.25	27449.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	63	6.6	6.505	13.	3.7	3.111	1.764	4.18	5.2	7.7	8.52
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/02/95-11/30/98	20	77.7	77.52	104.	53.6	154.234	12.419	56.62	70.5	84.95	95.27
00400p	PH (STANDARD UNITS)	03/08/84-11/30/98	62	7.05	7.077	7.9	5.5	0.206	0.454	6.5	6.975	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	62	7.047	6.763	7.9	5.5	0.306	0.553	6.5	6.975	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	62	0.09	0.172	3.162	0.013	0.167	0.409	0.025	0.04	0.106	0.316
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/02/95-10/03/95	4	17502.5	15979.	23499.	5412.	61796339.333	7861.065	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	42	10.	9.952	30.	1.	44.339	6.659	1.3	4.75	14.	17.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/95-10/03/95	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/03/95-10/03/95	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/95-10/03/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/95-10/03/95	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/95-10/03/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/95-10/03/95	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/95-10/03/95	1	616.	616.	616.	616.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/95-10/03/95	1	1476.	1476.	1476.	1476.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/90-04/04/95	22	1200.	23495.	160000.	50.	3092915378.571	55613.985	89.	500.	2550.	160000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/90-04/04/95	22	3.078	3.232	5.204	1.699	0.954	0.977	1.945	2.699	3.404	5.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1705.185								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	27	270.	3603.037	50000.	10.	114963439.806	10722.101	21.6	80.	360.	17600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	27	2.431	2.419	4.699	1.	0.803	0.896	1.334	1.903	2.556	4.239
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			262.223								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/95-10/03/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/03/95-10/03/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/03/95-10/03/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

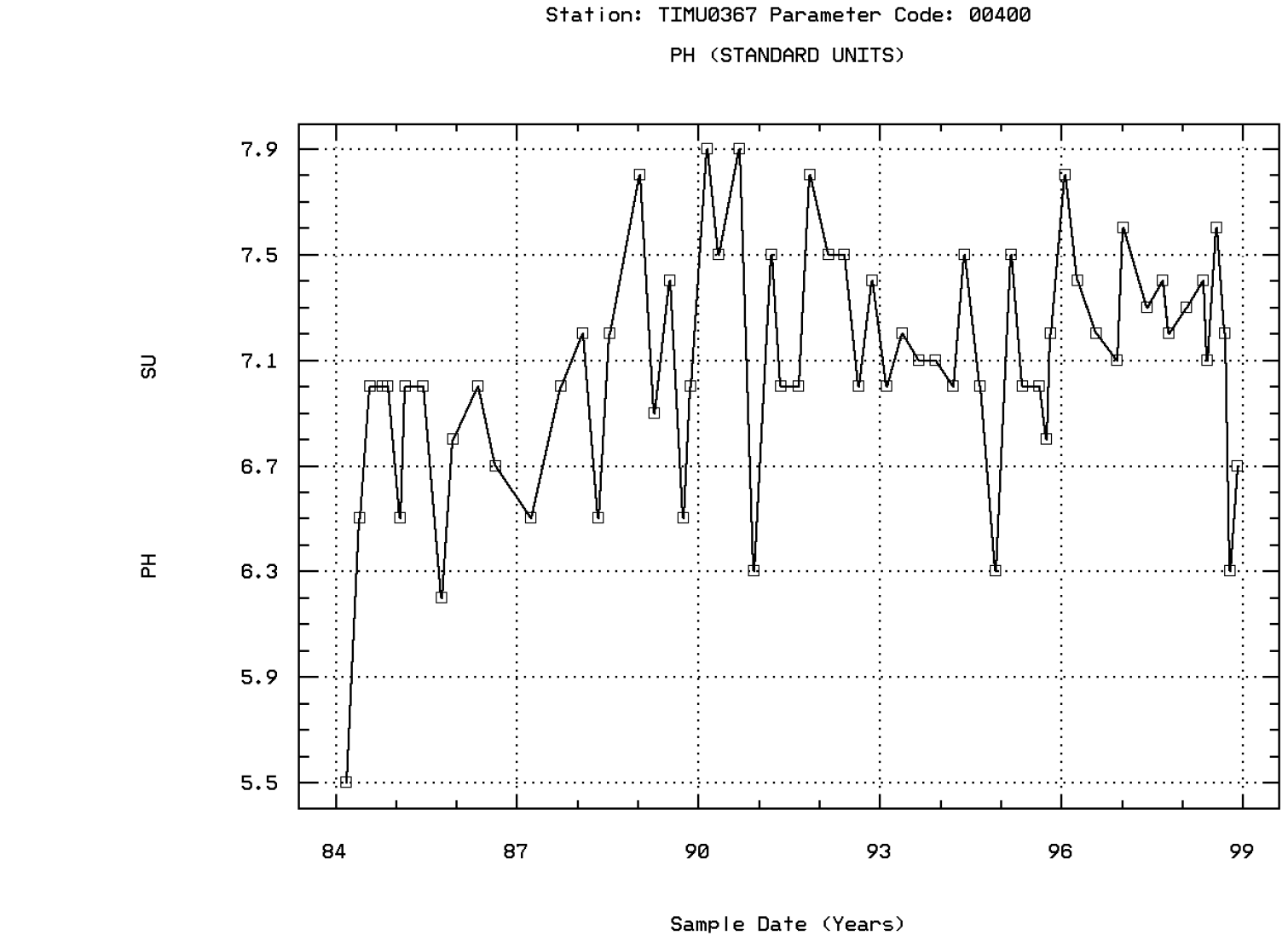
EPA Water Quality Criteria Analysis for Station: TIMU0367

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	5	0.08	38	5	0.13	25	0	0.00						
00400	PH	Fresh Chronic	9.	62	0	0.00	37	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	62	10	0.16	37	5	0.14	25	5	0.20						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	12	0.55	12	7	0.58	10	5	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	16	0.59	16	10	0.63	11	6	0.55						
82079	TURBIDITY, LAB	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



DUNN CR. AT R.R. BRIDGE-END OF FAYE ROA



DUNN CR. AT R.R. BRIDGE-END OF FAYE ROA

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	51	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	37	27.	25.989	31.	18.2	8.752	2.958	20.9	24.1	28.1	29.18
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	38	5.35	5.545	8.4	3.7	1.617	1.272	3.89	4.475	6.525	7.54
00400	PH (STANDARD UNITS)	03/08/84-11/30/98	37	7.1	7.097	7.9	6.2	0.145	0.38	6.5	7.	7.4	7.52
00400	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	37	7.1	6.921	7.9	6.2	0.177	0.42	6.5	7.	7.4	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	37	0.079	0.12	0.631	0.013	0.018	0.134	0.03	0.04	0.1	0.316
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	27	12.	10.889	30.	1.	51.564	7.181	1.	6.	14.	21.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	16	260.	2704.5	24000.	20.	47756337.333	6910.596	21.4	50.	450.	18400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	16	2.41	2.415	4.38	1.301	0.765	0.875	1.33	1.677	2.644	4.257
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			260.178								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	36	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	25	16.4	16.624	22.1	11.9	5.714	2.39	13.5	15.4	18.5	20.14
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	25	7.7	7.964	13.	6.3	1.867	1.366	6.62	7.15	8.5	9.46
00400	PH (STANDARD UNITS)	03/08/84-11/30/98	25	7.	7.048	7.9	5.5	0.305	0.552	6.3	6.75	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	25	7.	6.602	7.9	5.5	0.513	0.716	6.3	6.75	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	25	0.1	0.25	3.162	0.013	0.387	0.622	0.016	0.032	0.179	0.501
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	15	9.	8.267	17.	1.	29.352	5.418	1.6	3.	14.	15.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	11	270.	4910.	50000.	10.	224099680.	14969.959	16.	80.	360.	40480.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	11	2.431	2.424	4.699	1.	0.94	0.969	1.12	1.903	2.556	4.435
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			265.226								

** - Less than 9 observations ## - Computed 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: TIMU0368

NPS Station ID: TIMU0368
LAT/LON: 30.436115/ -81.584727
Agency: 112WRD
Date Created: 03/31/84
Location: DUNNS CREEK BOTTOM
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302610081350502
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 26.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103350500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-11/21/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/21/83-11/21/83	1	10400.	10400.	10400.	10400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/21/83-11/21/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/21/83-11/21/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/21/83-11/21/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	06/20/83-03/08/84	4 ##	500.	375.125	500.	0.5	62375.063	249.75	**	**	**	**
00603	NITROGEN TOTAL, BOTTOM DEPOSITS (MG/KG-N DRY WGT)	06/20/83-06/20/83	1	803.	803.	803.	803.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/20/83-03/08/84	4	5.65	5.2	6.3	3.2	2.073	1.44	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/20/83-03/08/84	4	560.	487.5	800.	30.	109091.667	330.29	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	06/20/83-03/08/84	4 ##	1.	1.5	3.	1.	1.	1.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/20/83-03/08/84	4	73.5	63.25	98.	8.	1510.25	38.862	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	06/20/83-03/08/84	4	3.	3.3	5.5	1.7	2.953	1.719	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/20/83-03/08/84	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4	2.	1.625	2.	0.5	0.563	0.75	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/20/83-03/08/84	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/20/83-03/08/84	4 ##	0.5	4.875	18.	0.5	76.563	8.75	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/83-03/08/84	4 ##	5.	16.25	50.	5.	506.25	22.5	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	06/20/83-03/08/84	4	5.	4.5	5.	3.	1.	1.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/83-03/08/84	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/83-03/08/84	4	5.	7.75	19.	2.	58.917	7.676	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/20/83-03/08/84	4	280.	387.	940.	48.	151142.667	388.771	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/20/83-06/20/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/20/83-06/20/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/20/83-03/08/84	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/20/83-06/20/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0369

NPS Station ID: TIMU0369
LAT/LON: 30.436115/ -81.584727
Agency: 112WRD
Date Created: 01/21/84
Location: DUNNS CREEK CEIP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302610081350501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103003
RF1 Mile Point: 26.730
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103350500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/21/83-03/08/84	3	15.	15.5	19.	12.5	10.75	3.279	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/83-03/08/84	6	5.35	6.	10.	4.	5.228	2.286	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/20/83-03/08/84	6	100.	110.333	210.	40.	4352.667	65.975	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/83-03/08/84	4	7800.	8725.	15500.	3800.	28462500.	5335.026	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/02/84-03/08/84	2	8.25	8.25	8.6	7.9	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/83-03/08/84	4	7.55	7.425	7.9	6.7	0.303	0.55	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/83-03/08/84	4	7.482	7.158	7.9	6.7	0.398	0.631	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/83-03/08/84	4	0.033	0.07	0.2	0.013	0.008	0.088	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/20/83-03/08/84	6	7.55	7.467	8.	6.6	0.295	0.543	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/20/83-03/08/84	6	7.547	7.168	8.	6.6	0.402	0.634	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/83-03/08/84	6	0.028	0.068	0.251	0.01	0.009	0.093	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-02/02/84	3	1.6	1.467	2.	0.8	0.373	0.611	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	6	0.09	0.083	0.15	0.005	0.002	0.048	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/83-03/08/84	6	0.095	0.097	0.13	0.07	0.	0.022	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/20/83-03/08/84	6	0.015	0.023	0.07	0.005	0.001	0.024	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/83-03/08/84	6	0.95	1.05	1.9	0.4	0.339	0.582	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/83-03/08/84	6	0.2	0.233	0.6	0.	0.047	0.216	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/83-03/08/84	6	1.15	1.267	2.	0.6	0.295	0.543	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/83-03/08/84	6 ##	0.075	0.092	0.2	0.05	0.003	0.058	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/20/83-03/08/84	6 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/83-03/08/84	6	0.155	0.187	0.39	0.09	0.011	0.105	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/20/83-03/08/84	6	0.105	0.125	0.27	0.05	0.006	0.076	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/83-03/08/84	6	14.	14.133	21.	8.8	16.187	4.023	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/83-03/08/84	6	75.	80.5	170.	23.	2999.5	54.768	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/83-03/08/84	6	150.	207.833	490.	45.	30748.167	175.352	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/83-03/08/84	6	1585.	1796.667	4100.	390.	2055066.667	1433.55	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/83-03/08/84	6	44.	60.667	140.	16.	2355.067	48.529	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/20/83-03/08/84	6	44.	58.5	130.	13.	2136.7	46.224	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/83-03/08/84	6	2200.	3293.333	7800.	760.	8088266.667	2843.988	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/83-03/08/84	6	340.	476.667	1200.	110.	168946.667	411.031	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/83-03/08/84	6	0.2	0.25	0.5	0.1	0.019	0.138	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/83-03/08/84	6	4.15	4.	6.9	1.3	3.8	1.949	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/20/83-03/08/84	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/20/83-03/08/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/20/83-03/08/84	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/20/83-03/08/84	6	560.	813.333	1900.	300.	391306.667	625.545	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	06/20/83-03/08/84	6	0.	11.667	50.	0.	416.667	20.412	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/20/83-03/08/84	6	585.	825.	1900.	320.	384950.	620.443	**	**	**	**

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Parameter Inventory for Station: TIMU0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/83-03/08/84	6	1.	1.417	3.	0.5	0.842	0.917	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/20/83-03/08/84	5	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/20/83-03/08/84	6	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/83-03/08/84	6 ##	7.5	9.167	20.	5.	34.167	5.845	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/20/83-02/02/84	3	10.	6.667	10.	0.	33.333	5.774	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/20/83-03/08/84	6	15.	16.667	30.	10.	66.667	8.165	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/83-03/08/84	6	5.	5.5	10.	4.	5.1	2.258	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	06/20/83-03/08/84	6	0.5	0.5	1.	0.	0.3	0.548	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/20/83-03/08/84	6	5.	5.167	6.	4.	0.567	0.753	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	06/20/83-03/08/84	6	255.	263.333	420.	140.	10346.667	101.719	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/20/83-03/08/84	6	505.	508.333	870.	280.	42856.667	207.019	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/20/83-03/08/84	6	145.	245.	630.	70.	44630.	211.258	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/83-03/08/84	6	3.5	3.167	5.	1.	3.367	1.835	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	06/20/83-03/08/84	6	2.	2.667	7.	0.	8.267	2.875	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/20/83-03/08/84	6	5.	5.833	8.	4.	2.967	1.722	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/20/83-03/08/84	6	0.	5.	20.	0.	70.	8.367	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/20/83-03/08/84	6	25.	31.667	70.	10.	456.667	21.37	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/83-03/08/84	6	25.	28.333	50.	10.	216.667	14.72	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/20/83-03/08/84	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	06/20/83-03/08/84	5	1.	1.	3.	0.	1.5	1.225	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/20/83-03/08/84	6	2.	2.5	4.	2.	0.7	0.837	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/20/83-03/08/84	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/83-03/08/84	6	40.	36.667	50.	20.	106.667	10.328	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	06/20/83-03/08/84	6	5.	16.667	70.	0.	746.667	27.325	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/20/83-03/08/84	6	50.	53.333	90.	40.	346.667	18.619	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/20/83-03/08/84	6	360.	321.667	460.	120.	23536.667	153.417	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/20/83-03/08/84	6	55.	123.333	450.	10.	28146.667	167.77	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/20/83-03/08/84	6	185.	198.333	420.	10.	22536.667	150.122	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/20/83-10/04/83	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/20/83-10/04/83	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/83-03/08/84	6	4385.	6116.667	15000.	1590.	26825706.667	5179.354	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/20/83-03/08/84	6	0.475	0.573	1.2	0.28	0.105	0.323	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/20/83-03/08/84	5	0.2	0.23	0.5	0.05	0.027	0.164	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/20/83-03/08/84	4	0.	0.025	0.1	0.	0.003	0.05	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/20/83-03/08/84	5	0.2	0.25	0.5	0.05	0.028	0.166	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00	3	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

EPA Water Quality Criteria Analysis for Station: TIMU0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	3	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	3	0	0.00	3	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	3	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	3	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	5	0.83	3	2	0.67	3	3	1.00						
		Drinking Water	250.	6	6	1.00	3	3	1.00	3	3	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	4	0.67	3	2	0.67	3	2	0.67						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	3	0	0.00	3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	5.	5	0	0.00	2	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5.	6	0	0.00	3	0	0.00	3	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	15.	6	0	0.00	3	0	0.00	3	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	5000.	6	0	0.00	3	0	0.00	3	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	3	0	0.00									
		Drinking Water	3.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.4	3	0	0.00	3	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0370

NPS Station ID: TIMU0370 LAT/LON: 30.544032/ -81.585366 Agency: 11NPSWRD Date Created: 10/10/98
Location: NASSAU RIVER AT CONFLUENCE WITH DEESE CREEK FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM03
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 03 WAS AT THE NASSAU RIVER AT THE CONFLUENCE WITH DEESE CREEK INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 03 PREVIOUSLY WAS LABELED NR11. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	48	5.5	6.837	16.	0.	28.714	5.359	0.98	2.	12.	15.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	32	20.4	21.991	30.	15.6	30.322	5.507	15.63	16.875	28.475	29.67
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	22.5	23.957	31.7	18.5	24.796	4.98	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	50.	50.	100.	0.	1308.333	36.171	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	7.3	9.143	16.	5.4	17.1	4.135	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	1.07	0.893	1.21	0.44	0.099	0.315	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	32	35560.	31102.156	41598.	278.	144651828.846	12027.129	4787.5	32535.	37559.75	41005.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	32	6.6	6.381	8.1	4.4	1.406	1.186	4.46	5.325	7.55	8.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	32	80.4	80.394	91.9	64.5	51.566	7.181	65.51	79.025	83.6	90.74
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	9	1.	0.889	1.	0.5	0.049	0.22	0.5	0.75	1.	1.
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	32	7.43	7.437	7.65	6.9	0.028	0.167	7.33	7.355	7.557	7.65
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	32	7.43	7.4	7.65	6.9	0.029	0.171	7.33	7.355	7.557	7.65
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	32	0.037	0.04	0.126	0.022	0.	0.021	0.022	0.028	0.044	0.047
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	32	22.4	19.6	26.7	0.1	60.224	7.76	2.81	20.3	23.825	26.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	9	10.	13.778	37.	7.	86.944	9.324	7.	8.	15.5	37.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	9	0.017	0.027	0.081	0.005	0.001	0.027	0.005	0.008	0.045	0.081
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	9	0.436	0.459	0.975	0.05	0.077	0.278	0.05	0.244	0.643	0.975
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	9	0.064	0.072	0.112	0.055	0.	0.019	0.055	0.058	0.084	0.112
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	9	4090.	3628.667	5158.	35.	2908636.	1705.472	35.	2634.	4811.5	5158.
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	8	525000.	456128.75	648000.	5030.46	745115469.643	216206.187	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	9	11806.	10067.111	14228.	53.	21046955.361	4587.696	53.	7977.	12450.5	14228.

** - Less than 9 observations ## - 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: TIMU0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	8	233.5	537.75	1550.	199.	244080.214	494.045	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	7 ##	1.5	1.643	2.5	1.5	0.143	0.378	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	8 ##	2.5	3.875	9.	2.5	6.768	2.602	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	8	556.	979.75	3390.	391.	1053553.071	1026.427	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	8 ##	1.5	1.75	2.5	1.5	0.214	0.463	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	8 ##	10.	15.75	37.	10.	117.929	10.859	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	9	0.035	0.034	0.045	0.019	0.	0.008	0.019	0.029	0.04	0.045
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	4.	6.571	22.	3.	48.286	6.949	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0370

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	0	0.00	24	0	0.00	8	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	32	0	0.00	24	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	32	0	0.00	24	0	0.00	8	0	0.00						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	8	0	0.00	6	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	8	0	0.00	6	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	0	0.00	6	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	6	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	6	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	8	0	0.00	6	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	0	0.00	6	0	0.00	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0371

NPS Station ID: TIMU0371
LAT/LON: 30.543781/ -81.585532
Agency: 11NPSWRD
Date Created: 04/03/99
Location: NASSAU RIVER AT DEESE CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_NR11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HEDGES; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR11 WAS AT THE NASSAU RIVER DUE EAST OF THE DEESE CREEK POINT OF DISCHARGE AT MID-CHANNEL INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	37	6.	6.168	22.	0.03	36.04	6.003	0.3	0.3	10.	14.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	5	28.9	28.98	29.2	28.9	0.017	0.13	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	5	29553.	29439.2	29594.	29049.	51590.7	227.136	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	5	4.6	4.6	4.8	4.5	0.015	0.122	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	5	65.7	65.96	69.4	64.3	4.273	2.067	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	5	7.16	7.162	7.19	7.14	0.	0.019	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	5	7.16	7.162	7.19	7.14	0.	0.019	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	5	0.069	0.069	0.072	0.065	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	5	18.3	18.2	18.3	17.9	0.03	0.173	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	4	1.375	1.398	2.01	0.83	0.403	0.635	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/09/87-11/09/87	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: TIMU0371

				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0371

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
82079	TURBIDITY, LAB	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

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	27	6.	5.642	22.	0.03	33.714	5.806	0.3	0.3	10.	14.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	10	8.	7.59	22.	0.3	43.688	6.61	0.3	0.3	10.25	20.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0372

NPS Station ID: TIMU0372 LAT/LON: 30.421116/ -81.585837 Agency: 21FLSJWM Date Created: 09/23/95
Location: DUNN CK NR MOUTH AT HECKSHER DR STORMFLOW FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/RUNOFF STORET Station ID(s): DUNCM.S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/93-07/01/94	8	26.55	24.925	29.6	14.3	26.445	5.142	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/08/93-07/08/93	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/09/93-07/01/94	8	50.	46.25	70.	20.	255.357	15.98	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/93-07/01/94	7	26100.	26951.429	38700.	12260.	67375180.952	8208.239	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/93-07/01/94	8	5.95	6.225	8.5	4.8	1.985	1.409	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/21/93-07/01/94	5	1.2	1.1	1.6	0.3	0.25	0.5	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/93-07/01/94	7	7.23	7.134	7.5	6.46	0.138	0.372	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/09/93-07/01/94	7	7.23	6.974	7.5	6.46	0.168	0.41	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/93-07/01/94	7	0.059	0.106	0.347	0.032	0.013	0.114	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/93-05/04/94	6	90.	81.5	101.	26.	761.1	27.588	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/93-07/01/94	8	29.5	45.688	115.	0.5	1464.067	38.263	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/93-07/01/94	8	0.085	0.099	0.3	0.02	0.008	0.089	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/93-07/01/94	8	0.685	0.659	1.1	0.12	0.169	0.411	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/93-07/01/94	8	0.13	0.144	0.23	0.1	0.002	0.047	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/93-07/01/94	7 ##	0.65	2.8	9.3	0.4	11.786	3.433	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/09/93-07/01/94	8	170.	174.875	231.	109.	1494.411	38.658	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/09/93-07/01/94	8	569.5	593.45	886.	254.6	33707.563	183.596	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/93-07/01/94	8	9340.	9548.75	14900.	3830.	9949698.214	3154.314	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/93-07/01/94	8	1190.	998.625	1650.	34.	377499.125	614.41	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/93-07/01/94	5 ##	0.15	-0.02	0.15	-0.2	0.016	0.125	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/93-07/01/94	8	3.	6.681	28.	0.45	82.87	9.103	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/09/93-07/01/94	8 ##	0.5	1.938	11.	0.	13.817	3.717	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/08/93-07/01/94	5	454.	679.6	1450.	384.	197910.3	444.871	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/29/94-07/01/94	3 ##	0.5	8.833	26.	0.	221.083	14.869	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/21/93-07/01/94	4 ##	0.55	0.25	1.	-0.1	0.257	0.507	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/09/93-07/01/94	8	18.	19.688	38.	1.	178.353	13.355	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/09/93-06/09/93	1	13.42	13.42	13.42	13.42	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/09/93-07/08/93	2	9.875	9.875	10.4	9.35	0.551	0.742	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	2 ##	0.715	0.715	1.3	0.13	0.684	0.827	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	2	2.72	2.72	3.7	1.74	1.921	1.386	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/09/93-07/08/93	2	1.41	1.41	1.42	1.4	0.	0.014	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	06/09/93-07/01/94	8	2760.	2880.	4170.	1320.	705885.714	840.17	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/93-07/01/94	8	17900.	17786.25	26200.	6990.	30586369.643	5530.495	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/93-07/01/94	8	11.1	17.863	60.	4.7	342.28	18.501	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/09/93-05/04/94	3	1.2	1.233	1.7	0.8	0.203	0.451	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0372

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	6	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	7	0	0.00	6	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	6	0	0.00	1	1	1.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	8	1.00	6	6	1.00	2	2	1.00						
		Drinking Water	250.	8	8	1.00	6	6	1.00	2	2	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	7	0.88	6	6	1.00	2	1	0.50						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	0	0.00	4	0	0.00	1	0	0.00						
		Drinking Water	5.	5	0	0.00	4	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	6	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	6	0	0.00	2	0	0.00						
		Drinking Water	1300.	8	0	0.00	6	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	8	0	0.00	6	0	0.00	2	0	0.00						
		Drinking Water	5000.	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	1	0.13	6	1	0.17	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: TIMU0373

NPS Station ID: TIMU0373 | LAT/LON: 30.411948/ -81.588754 | Agency: 11NPSWRD | Date Created: 08/29/98
Location: ST. JOHNS RIVER BETWEEN BROWARD R AND DUNN CRK | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_DER_SJR-08
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03080103 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE EASTPORT FLORIDA-DUVAL CO. 7.5' SERIES TOPOGRAPHIC QUADRANGLE. STATION SJR-08 WAS AT THE ST. JOHNS RIVER BETWEEN BROWARD RIVER AND DUNNS CREEK AT THE NAVIGATION MARKER DIRECTLY SOUTH OF ST REGIS PAPER MILL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE PARK BOUNDARY. THE SITE WAS SAMPLED AS PART OF A BIOLOGICAL SURVEY OF THE ST. JOHNS RIVER BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATIONS. THIRTEEN STATIONS WERE SAMPLED FOR WATER QUALITY AND CHEMISTRY PARAMETERS; SPECIES DIVERSITY; BENTHIC MACROINVERTEBRATES; CHLOROPHYLL; AND BOTTOM TYPE. DATA WERE PUBLISHED IN THE REPORTS "ST. JOHNS RIVER BIOLOGICAL SURVEY; DUVAL COUNTY; 20.3BA" BY TECHNICAL ASSISTANCE JACKSONVILLE FOR APRIL 1982; AUGUST 1982; AND SEPTEMBER 1983. DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/82-08/09/82	2	26.	26.	29.5	22.5	24.5	4.95	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	04/19/82-08/09/82	2	11.75	11.75	16.	7.5	36.125	6.01	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/82-08/09/82	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/19/82-08/09/82	2	6105.	6105.	7110.	5100.	2020050.	1421.285	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/82-08/09/82	2	6.1	6.1	7.2	5.	2.42	1.556	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.35	7.35	7.7	7.	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/82-08/09/82	2	7.222	7.222	7.7	7.	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/82-08/09/82	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/82-09/20/83	3 ##	7.	9.	15.	5.	28.	5.292	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/82-09/20/83	3	50.	41.667	50.	25.	208.333	14.434	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/82-09/20/83	3	84.	87.667	115.	64.	660.333	25.697	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/82-09/20/83	3	306.	312.333	390.	241.	5580.333	74.702	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/82-09/20/83	3 ##	25.	33.333	50.	25.	208.333	14.434	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/82-09/20/83	3	97.	92.333	135.	45.	2041.333	45.181	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/20/83-09/20/83	1	19.76	19.76	19.76	19.76	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/20/83-09/20/83	1	2837.94	2837.94	2837.94	2837.94	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/19/82-08/09/82	2	3850.	3850.	4900.	2800.	2205000.	1484.924	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/19/82-08/09/82	2	3.569	3.569	3.69	3.447	0.03	0.172	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3704.052								

** - Less than 9 observations ## - 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: TIMU0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	126.5	126.5	220.	33.	17484.5	132.229	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/19/82-08/09/82	2	1.93	1.93	2.342	1.519	0.339	0.583	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			85.206								
61451	REDUNDANCY, BENTHIC MACROINVERTEBRATES	04/19/82-04/19/82	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/19/82-09/20/83	3	125.	544.333	1480.	28.	658956.333	811.761	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/82-09/20/83	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/20/83-09/20/83	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	3	3	1.00	3	3	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	3	0	0.00	3	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	3	2	0.67	3	2	0.67									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									
71900	MERCURY, TOTAL	Marine Acute	2.1	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: TIMU0374

NPS Station ID: TIMU0374 LAT/LON: 30.412031/ -81.589282 Agency: 21FLA Date Created: 08/19/95
Location: ST JOHNS RIVER APPROX 0.8 MILE E DRUMMOND PT. FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20030318
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
ST JOHNS RIVER APPROX 0.8 MILE EAST OF DRUMMOND PT. THIS STATION WAS USED AS A TEST SITE FOR THE 1993 BIOASSESSMENT OF SEMINOLE KRAFT CORP.

Parameter Inventory for Station: TIMU0374

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0375

NPS Station ID: TIMU0375
LAT/LON: 30.543615/ -81.593616
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: NASSAU RIVER AT DEESE CREEK
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0011
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 11.40
On/Off RF1:
RF3 Index: 03070205055900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	30	25.15	23.173	29.2	11.4	28.164	5.307	15.71	18.225	28.	28.86
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	4	28.	26.75	30.	21.	16.25	4.031	**	**	**	**
00032	CLOUD COVER (PERCENT)	05/15/90-03/05/91	3	10.	13.333	30.	0.	233.333	15.275	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	05/15/90-03/05/91	3	5.	6.333	10.	4.	10.333	3.215	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	30	29301.	27753.733	45000.	380.	201829968.685	14206.687	6893.	15300.	41675.	44300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	9800.	9800.	9800.	9800.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	30	6.05	6.3	9.	4.5	1.441	1.2	4.8	5.4	7.4	7.99
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	27	7.16	7.06	7.7	5.3	0.306	0.553	6.	7.	7.44	7.592
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	27	7.16	6.485	7.7	5.3	0.65	0.806	6.	7.	7.44	7.592
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	27	0.069	0.327	5.012	0.02	0.941	0.97	0.026	0.036	0.1	1.
00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	17	22.	19.253	28.6	2.8	94.763	9.735	3.28	10.45	27.9	28.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	9	55.	50.	70.	28.	249.75	15.803	28.	32.5	64.	70.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	17	0.01	0.03	0.1	0.003	0.001	0.031	0.004	0.006	0.051	0.086
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	8	0.682	0.855	1.8	0.21	0.376	0.613	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	17	0.02	0.046	0.21	0.003	0.003	0.056	0.005	0.009	0.065	0.154
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	12	0.146	0.146	0.222	0.05	0.003	0.056	0.057	0.099	0.198	0.221
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	12	4500.	3874.	6100.	68.	3358773.818	1832.696	587.6	2200.	5315.	5920.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	12	10998.5	10351.083	18000.	120.	34253028.265	5852.609	684.	5775.	16000.	17910.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	15	320.	371.933	800.	130.	37182.067	192.827	148.	209.	520.	728.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	6	8.5	35.333	110.	0.5	2362.167	48.602	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	12	30.5	47.625	120.	0.5	2058.688	45.373	1.55	7.25	100.	118.2
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	6	410.	1503.333	4700.	180.	3603426.667	1898.269	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	8 ##	2.	7.75	51.	0.5	306.357	17.503	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	12 ##	3.5	31.333	170.	0.5	3201.152	56.579	0.8	2.125	46.25	155.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	11	2.	19.409	98.	0.5	1077.491	32.825	0.5	0.5	25.	91.8
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	14	33.75	70.607	290.	0.5	8824.276	93.938	1.25	5.875	100.25	275.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	17	80.	248.471	1700.	1.	281327.39	530.403	1.	23.	135.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	17	1.903	1.65	3.23	0.	0.85	0.922	0.	1.362	2.13	3.209
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.694								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	18	23.	116.389	1600.	1.	138130.605	371.659	1.	2.	54.25	259.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	18	1.362	1.185	3.204	0.	0.737	0.858	0.	0.301	1.729	2.158

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.3								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	5	4.3	4.92	6.6	3.5	2.447	1.564	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	17	6.1	6.188	11.	3.	4.867	2.206	3.72	4.35	7.85	9.48

** - 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: TIMU0375

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	30	0	0.00	21	0	0.00	9	0	0.00						
00400	PH	Marine Chronic	8.5	27	0	0.00	19	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	27	4	0.15	19	1	0.05	8	3	0.38						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	2	0.33	4	0	0.00	2	2	1.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	3	0.25	9	2	0.22	3	1	0.33						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	1	0.13	6	1	0.17	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	0	0.00	9	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	13 &	10	0.77	9	7	0.78	4	3	0.75						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	2	0.12	11	1	0.09	6	1	0.17						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	1	0.06	12	0	0.00	6	1	0.17						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	0	0.00	11	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	22	26.35	25.945	29.2	20.	7.286	2.699	21.3	24.55	28.5	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	21	40500.	34070.095	45000.	13200.	114995996.49	10723.619	14600.	25600.	43050.	44540.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	21	5.9	5.676	7.7	4.5	0.593	0.77	4.64	4.85	6.1	6.44
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	19	7.16	7.138	7.7	5.3	0.274	0.524	6.8	7.	7.46	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	19	7.16	6.482	7.7	5.3	0.729	0.854	6.8	7.	7.46	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	19	0.069	0.33	5.012	0.02	1.287	1.135	0.025	0.035	0.1	0.158
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	11 ##	0.007	0.022	0.083	0.003	0.001	0.026	0.003	0.005	0.034	0.076
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	11	0.015	0.036	0.14	0.005	0.002	0.042	0.005	0.008	0.06	0.126
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	9	285.	324.444	680.	130.	28243.278	168.057	130.	184.5	410.5	680.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	9	41.	45.833	114.	0.5	1974.5	44.435	0.5	4.	90.	114.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	9 ##	3.	27.722	170.	0.5	3206.257	56.624	0.5	2.25	32.5	170.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	9	48.	84.056	290.	0.5	12531.778	111.945	0.5	4.5	166.5	290.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	11	23.	191.545	1700.	1.	251996.273	501.992	1.	2.	84.	1386.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	11	1.362	1.378	3.23	0.	0.956	0.978	0.	0.301	1.924	3.007
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.888								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	8.	21.	110.	1.	973.818	31.206	1.	1.25	30.5	89.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	0.87	0.852	2.041	0.	0.526	0.725	0.	0.075	1.479	1.91
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.117								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	11	6.1	5.918	9.1	3.9	2.986	1.728	3.96	4.3	7.4	8.88

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	8	15.8	15.55	19.	11.4	4.251	2.062	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	9	9800.	13015.556	32800.	380.	95049902.778	9749.354	380.	6355.	19000.	32800.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	9	7.8	7.756	9.	7.1	0.335	0.579	7.1	7.3	8.	9.
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	8	7.17	6.874	7.44	6.	0.376	0.613	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	8	7.168	6.492	7.44	6.	0.543	0.737	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	8	0.068	0.322	1.	0.036	0.183	0.428	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	6	0.051	0.046	0.1	0.004	0.001	0.036	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	6	0.04	0.064	0.21	0.003	0.006	0.077	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	6	420.	443.167	800.	200.	48772.167	220.844	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	3	20.	53.	120.	19.	3367.	58.026	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	3 ##	5.	42.167	120.	1.5	4546.583	67.428	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	5	19.5	46.4	101.	2.5	2475.925	49.759	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	6	115.	352.833	1600.	27.	376056.167	613.234	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	6	2.05	2.149	3.204	1.431	0.348	0.59	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			140.941								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	59.5	307.167	1600.	11.	401988.567	634.026	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	1.768	1.849	3.204	1.041	0.552	0.743	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.707								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	6	6.35	6.683	11.	3.	9.15	3.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0376

NPS Station ID: TIMU0376
LAT/LON: 30.412809/ -81.595227
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR FROM GREEN MARKER 57 1/2 DISTANCE TO SHORE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	61	22.	21.672	30.1	11.5	36.098	6.008	13.5	15.9	27.75	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	16	26.45	24.938	31.	12.	22.787	4.774	17.6	21.5	28.5	30.09
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	58	0.	17.155	90.	0.	836.94	28.93	0.	0.	30.	75.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	60	0.69	0.727	1.68	0.	0.086	0.293	0.381	0.53	0.91	1.079
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/91-08/06/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	61	18976.	19361.869	42900.	953.	103102859.116	10153.958	6096.8	11400.	27504.	33905.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	61	6.9	6.843	9.5	3.9	1.955	1.398	4.92	5.7	8.	8.68
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	45	0.6	0.698	2.	0.	0.226	0.476	0.16	0.3	1.	1.28
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	61	7.51	7.313	8.06	6.	0.248	0.498	6.6	6.9	7.69	7.832
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	61	7.51	6.984	8.06	6.	0.358	0.598	6.6	6.9	7.69	7.832
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	61	0.031	0.104	1.	0.009	0.03	0.172	0.015	0.02	0.126	0.251
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	61	11.7	12.282	29.	0.	47.265	6.875	3.4	7.	16.9	21.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	61	19.	20.967	50.	0.	99.232	9.962	10.2	14.	26.	34.
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	45	0.91	0.928	1.52	0.52	0.06	0.246	0.616	0.72	1.07	1.318
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	61	0.04	0.048	0.16	0.	0.001	0.034	0.015	0.015	0.08	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	60	0.78	0.881	2.04	0.46	0.147	0.383	0.533	0.603	0.98	1.656
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	60	0.205	0.198	0.38	0.03	0.009	0.095	0.06	0.12	0.28	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	60	0.1	0.099	0.28	0.03	0.002	0.042	0.05	0.07	0.12	0.149
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	61	6623.	7042.459	19119.	0.	16926338.352	4114.163	1574.4	3949.	10247.	12520.6
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/91-08/06/91	1	800.	800.	800.	800.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	400.	400.	800.	0.	320000.	565.685	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	1.452	1.452	2.903	0.	4.214	2.053	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.284								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	44	300.	1421.591	28000.	10.	17846362.526	4224.496	20.	130.	1300.	2400.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	44	2.477	2.559	4.447	1.	0.529	0.727	1.301	2.114	3.114	3.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			361.988								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	45	40.	96.222	500.	10.	11196.768	105.815	10.	20.	135.	282.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	45	1.602	1.745	2.699	1.	0.224	0.473	1.	1.301	2.13	2.45
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			55.539								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	46	2.62	3.246	22.9	0.	18.781	4.334	0.	0.	3.6	6.26
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/06/91-08/06/91	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	61	0.08	0.078	0.17	0.	0.002	0.041	0.016	0.055	0.105	0.138
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	16 ##	0.625	1.094	2.	0.15	0.696	0.834	0.22	0.313	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	08/06/91-08/06/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	60	6.6	6.933	24.	0.	24.477	4.947	0.	3.6	8.975	14.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	44	4.9	6.218	15.2	1.2	15.451	3.931	2.05	2.925	9.25	12.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	1	0.02	36	1	0.03	25	0	0.00						
00400	PH	Fresh Chronic	9.	61	0	0.00	36	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	61	4	0.07	36	3	0.08	25	1	0.04						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	60	0	0.00	36	0	0.00	24	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	61	57	0.93	36	33	0.92	25	24	0.96						
		Drinking Water	250.	61	59	0.97	36	35	0.97	25	24	0.96						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	44	13	0.30	25	8	0.32	19	5	0.26						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	6	0.13	26	2	0.08	19	4	0.21						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	60	0	0.00	35	0	0.00	25	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	6	24.5	23.167	28.	16.	29.267	5.41	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.53	0.548	0.69	0.46	0.007	0.085	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	6	11340.	10213.333	11900.	7400.	4013066.667	2003.264	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	6	6.15	6.267	8.2	5.4	1.063	1.031	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	6	6.9	6.767	7.	6.	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	6	6.9	6.573	7.	6.	0.188	0.433	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	6	0.126	0.267	1.	0.1	0.129	0.359	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	6	7.	7.333	12.	5.	5.867	2.422	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	6	14.	15.333	22.	9.	30.267	5.502	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	6	0.06	0.06	0.08	0.05	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	6	1.11	1.057	1.18	0.74	0.03	0.172	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	6	0.265	0.278	0.34	0.24	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	6	0.14	0.13	0.14	0.1	0.	0.017	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	6	4024.	4184.333	6498.	2874.	1714875.867	1309.533	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	6	0.135	0.137	0.16	0.11	0.	0.021	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	5.1	5.28	8.9	0.	11.282	3.359	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	4.3	4.8	8.8	2.1	7.965	2.822	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	17.8	19.364	28.	13.5	32.433	5.695	13.5	14.5	26.	27.9
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.69	0.705	0.91	0.53	0.025	0.16	0.53	0.53	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	17420.	20789.636	35300.	1026.	98483729.455	9923.897	3400.8	15200.	28000.	34520.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.4	7.136	9.5	5.	2.191	1.48	5.08	5.7	8.2	9.4
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	6.7	6.773	7.3	6.4	0.058	0.241	6.42	6.7	6.9	7.24
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	6.7	6.718	7.3	6.4	0.061	0.248	6.42	6.7	6.9	7.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.2	0.191	0.398	0.05	0.009	0.097	0.06	0.126	0.2	0.382
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	10.	14.	29.	0.	66.4	8.149	1.8	9.	22.	27.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	18.	21.182	42.	8.	112.764	10.619	8.4	12.	27.	40.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11	0.06	0.059	0.1	0.025	0.001	0.033	0.025	0.025	0.1	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.78	0.74	0.98	0.52	0.023	0.153	0.53	0.58	0.82	0.972
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.16	0.176	0.31	0.04	0.01	0.101	0.044	0.1	0.28	0.308
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11	0.12	0.119	0.28	0.05	0.004	0.066	0.05	0.05	0.15	0.256
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	7148.	8405.273	16120.	312.	20074665.818	4480.476	1224.2	5248.	12371.	15470.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.12	0.121	0.17	0.08	0.001	0.027	0.082	0.1	0.14	0.166
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	5.9	5.209	16.9	0.	29.385	5.421	0.	0.	8.7	15.4
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	10	10.5	9.42	12.8	3.7	12.382	3.519	3.82	6.475	12.575	12.8

** - 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 TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	21.5	21.467	30.1	11.5	46.946	6.852	12.1	15.2	28.6	29.95
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.76	0.703	1.14	0.	0.089	0.299	0.114	0.55	0.91	1.071
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	21578.	23204.583	42900.	10700.	102922157.902	10145.056	11198.6	14690.	31575.	41249.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	6.65	6.5	8.7	3.9	2.72	1.649	4.14	5.1	7.875	8.67
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.485	7.208	7.72	6.1	0.319	0.565	6.25	6.6	7.64	7.708
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.485	6.832	7.72	6.1	0.474	0.688	6.25	6.6	7.64	7.708

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Annual Analysis for 1993 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.033	0.147	0.794	0.019	0.051	0.227	0.02	0.023	0.251	0.631
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	14.	15.	27.7	5.	45.036	6.711	5.63	9.9	20.325	26.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	19.5	19.	26.	12.	20.727	4.553	12.6	14.5	21.75	26.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12	0.08	0.064	0.11	0.03	0.001	0.031	0.03	0.03	0.087	0.107
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.72	0.705	0.92	0.46	0.017	0.131	0.481	0.59	0.803	0.887
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.2	0.183	0.29	0.06	0.005	0.074	0.066	0.103	0.238	0.278
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12	0.1	0.084	0.12	0.05	0.001	0.031	0.05	0.05	0.11	0.12
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	8747.	8973.167	19119.	3499.	18871283.061	4344.109	3611.5	5826.25	11715.	17150.7
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.08	0.078	0.1	0.06	0.	0.014	0.06	0.06	0.09	0.097
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	3.4	3.75	9.5	0.	12.292	3.506	0.	0.	7.6	9.05

** - 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

Annual Analysis for 1994 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	22.7	23.236	29.8	13.2	30.103	5.487	13.88	18.	27.5	29.66
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.61	0.805	1.68	0.38	0.178	0.422	0.396	0.53	1.07	1.634
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	18976.	17954.455	29114.	5408.	65673734.873	8103.933	5821.2	11310.	25218.	28842.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	6.6	6.845	8.7	4.5	2.329	1.526	4.58	5.8	8.1	8.68
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.79	7.725	8.06	7.37	0.05	0.223	7.378	7.54	7.91	8.038
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.79	7.673	8.06	7.37	0.053	0.229	7.378	7.54	7.91	8.038
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.016	0.021	0.043	0.009	0.	0.011	0.009	0.012	0.029	0.042
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	11.5	10.773	18.	3.	25.854	5.085	3.24	6.4	15.3	17.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	22.	20.364	29.	0.	68.255	8.262	3.2	17.	26.	28.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.015	0.035	0.09	0.	0.001	0.032	0.003	0.015	0.08	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.61	0.661	0.98	0.48	0.026	0.16	0.481	0.543	0.783	0.967
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.15	0.175	0.38	0.03	0.014	0.12	0.032	0.08	0.295	0.376
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.095	0.086	0.14	0.03	0.002	0.039	0.032	0.05	0.118	0.14
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	6623.	5799.364	10372.	0.	10794733.255	3285.534	324.8	2499.	8310.	10172.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.06	0.056	0.11	0.	0.001	0.036	0.003	0.015	0.09	0.106
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	9.	8.891	14.	3.	15.099	3.886	3.	6.5	13.	14.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	4.6	6.7	15.2	1.5	28.21	5.311	1.5	2.35	12.7	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 1995 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	22.8	22.075	30.	13.3	39.787	6.308	13.75	15.625	28.8	29.79
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	60.	52.273	90.	20.	711.818	26.68	20.	20.	75.	87.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.7	0.738	1.3	0.3	0.089	0.299	0.318	0.515	0.94	1.234
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	20552.5	19888.167	33783.	953.	148289577.97	12177.421	1729.7	7762.5	32583.25	33781.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	7.35	6.925	8.3	4.8	1.333	1.155	5.04	5.775	7.875	8.18
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.655	7.658	7.93	7.46	0.023	0.152	7.469	7.52	7.765	7.912
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.654	7.635	7.93	7.46	0.024	0.154	7.469	7.52	7.765	7.912
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.022	0.023	0.035	0.012	0.	0.008	0.012	0.017	0.03	0.034
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	12.25	12.125	21.2	0.5	60.095	7.752	0.92	4.375	20.325	21.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	21.	21.25	39.	6.	105.114	10.252	6.9	12.5	29.75	37.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.015	0.028	0.07	0.015	0.	0.021	0.015	0.015	0.048	0.067
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.79	0.962	2.04	0.58	0.221	0.47	0.583	0.61	1.145	1.938
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.195	0.213	0.36	0.06	0.01	0.1	0.078	0.123	0.31	0.354
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12	0.075	0.094	0.18	0.06	0.001	0.038	0.063	0.075	0.118	0.171
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	6810.5	6766.667	12558.	225.	20034175.879	4475.955	457.5	2140.	11121.25	12389.4

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Annual Analysis for 1995 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.054	0.09	0.015	0.001	0.025	0.015	0.033	0.078	0.087
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	5.65	7.225	17.	4.6	11.129	3.336	4.87	5.5	8.05	14.51
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	11	3.6	3.636	7.	1.2	2.513	1.585	1.36	2.5	4.5	6.58

** - 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 1996 - Station TIMU0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	9	22.6	21.322	29.1	12.4	42.202	6.496	12.4	14.6	27.7	29.1
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	8	45.	52.5	90.	20.	792.857	28.158	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	0.9	0.772	1.22	0.37	0.096	0.31	0.37	0.42	1.01	1.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	9	19699.	19610.667	37899.	2698.	129217143.25	11367.372	2698.	10488.	29002.5	37899.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	9	7.	7.211	9.	4.7	2.074	1.44	4.7	6.3	8.8	9.
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.58	7.513	7.79	6.95	0.066	0.257	6.95	7.405	7.67	7.79
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.58	7.43	7.79	6.95	0.074	0.272	6.95	7.405	7.67	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	9	0.026	0.037	0.112	0.016	0.001	0.03	0.016	0.021	0.042	0.112
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	9	11.7	11.911	24.1	1.5	54.119	7.357	1.5	5.95	17.95	24.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	20.	27.444	50.	11.	248.528	15.765	11.	15.	46.5	50.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.04	0.047	0.16	0.005	0.002	0.048	0.005	0.008	0.06	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	1.26	1.309	2.	0.52	0.305	0.552	0.52	0.835	1.85	2.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.21	0.197	0.32	0.05	0.009	0.093	0.05	0.115	0.29	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.09	0.093	0.15	0.06	0.001	0.026	0.06	0.075	0.105	0.15
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	6623.	6595.	12996.	812.	17058033.75	4130.137	812.	3124.	10371.5	12996.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.05	0.047	0.1	0.01	0.001	0.028	0.01	0.025	0.065	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	11.	11.422	24.	5.4	38.004	6.165	5.4	6.	15.5	24.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	5.9	6.122	11.5	1.8	10.279	3.206	1.8	3.35	8.6	11.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0377

NPS Station ID: TIMU0377 | LAT/LON: 30.410448/ -81.596032 | Agency: 21FLA | Date Created: / /
Location: ST JOHNS R BROWARD R DUNNS CR | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030007
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 29.190 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103054000.00 | RF3 Mile Point: 0.69 | Distance from RF3: 0.07 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER BETWEEN BROWARD RIVER & DUNNS CREEK DIRECTLY SOUTH OF ST REGIS PAPER MILL

Parameter Inventory for Station: TIMU0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/73-09/20/83	59	1.	2.39	24.	0.	14.345	3.788	1.	1.	2.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/73-09/20/83	45	24.5	24.171	32.	10.	27.867	5.279	16.1	21.	28.75	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/16/73-11/14/78	26	0.65	4.065	25.	0.	38.63	6.215	0.	0.	5.6	15.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/08/78-09/20/83	5	7.	7.44	12.	4.6	7.548	2.747	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/77-05/02/77	2	34.5	34.5	42.	27.	112.5	10.607	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/83-09/20/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/20/83-09/20/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/76-09/20/83	9	19100.	17611.111	25000.	2400.	66713611.111	8167.84	2400.	11500.	25000.	25000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-09/20/83	37	18300.	17970.811	32000.	1000.	65639190.991	8101.802	4320.	11800.	25500.	28200.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/14/77-09/20/83	4	5.2	5.225	5.5	5.	0.042	0.206	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/16/73-09/20/83	46	6.15	6.302	12.4	1.	3.87	1.967	4.2	5.275	7.2	9.12
00310	BOD, 5 DAY, 20 DEG C MG/L	07/21/75-09/20/83	10	1.35	3.28	10.	0.3	13.517	3.677	0.35	0.95	7.025	9.89
00315	BOD, 7 DAY, 20 DEG C MG/L	06/26/78-06/26/78	2	2.8	2.8	3.1	2.5	0.18	0.424	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	06/26/78-06/26/78	2	6.05	6.05	6.4	5.7	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/83	7	7.7	7.357	8.	6.	0.5	0.707	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/83	7	7.7	6.752	8.	6.	0.926	0.963	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/83	7	0.02	0.177	1.	0.01	0.133	0.365	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/16/73-09/20/83	44	7.65	7.611	8.1	6.9	0.106	0.326	7.05	7.5	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/73-09/20/83	44	7.647	7.481	8.1	6.9	0.124	0.352	7.05	7.5	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/73-09/20/83	44	0.023	0.033	0.126	0.008	0.001	0.03	0.01	0.013	0.032	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/73-01/11/79	40	79.	74.075	173.	0.	930.174	30.499	14.2	64.25	91.75	97.9
00435	ACIDITY, TOTAL (MG/L AS CACO3)	09/16/73-01/11/79	40	6.5	11.255	110.	0.2	322.283	17.952	2.1	4.	10.	25.4
00500	RESIDUE, TOTAL (MG/L)	08/08/78-08/08/78	1	788.	788.	788.	788.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/73-09/20/83	38	28.	43.421	230.	10.	2161.007	46.487	16.8	21.75	44.5	68.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/20/83-09/20/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/16/73-11/14/78	38	0.675	0.619	1.51	0.015	0.194	0.44	0.037	0.165	0.977	1.178
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/73-09/20/83	39	0.06	0.121	0.461	0.	0.017	0.129	0.	0.038	0.2	0.36
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/78-09/20/83	5	0.006	0.025	0.092	0.001	0.001	0.038	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/73-01/11/79	42	0.2	0.225	0.69	0.003	0.028	0.169	0.025	0.086	0.333	0.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/78-09/20/83	3	0.938	0.884	1.003	0.71	0.024	0.154	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/83-09/20/83	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/74-10/18/78	29	0.21	0.366	2.67	0.01	0.237	0.487	0.07	0.105	0.465	0.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/16/73-11/14/78	42	0.12	0.154	0.46	0.04	0.011	0.106	0.05	0.087	0.22	0.338
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-09/20/83	4	0.44	0.404	0.52	0.214	0.017	0.132	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/09/73-09/19/78	12	20.5	19.617	32.	1.	97.582	9.878	3.4	10.25	28.75	31.52
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/09/73-12/04/73	3	77.	78.	84.	73.	31.	5.568	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/09/73-12/04/73	2	352.75	352.75	383.9	321.6	1940.645	44.053	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/18/78-10/18/78	1	232.	232.	232.	232.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/73-01/11/79	17	6800.	7979.412	15600.	2300.	16295330.882	4036.748	2860.	4825.	12250.	14480.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/09/73-11/07/73	2	171.	171.	190.	152.	722.	26.87	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/21/75-09/08/75	5	27.	27.4	40.	20.	68.8	8.295	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/16/73-10/13/75	17	20.	38.412	160.	0.	2060.757	45.396	0.	0.5	68.5	120.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/13/75-01/11/79	20	36.5	34.8	70.	2.	434.589	20.847	5.5	17.75	53.25	63.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/07/73-01/11/79	5	60.	168.1	475.	0.	44491.8	210.931	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/16/73-10/13/75	19	0.03	13.579	100.	0.	890.452	29.84	0.	0.003	2.5	80.
01042	COPPER, TOTAL (UG/L AS CU)	10/13/75-01/11/79	19	30.	44.789	267.	10.	3215.037	56.701	12.5	15.	50.	66.
01045	IRON, TOTAL (UG/L AS FE)	11/07/73-01/11/79	29	430.	400.483	1110.	0.	55704.259	236.017	150.	235.	519.5	694.
01051	LEAD, TOTAL (UG/L AS PB)	10/09/73-01/11/79	34	74.5	142.206	580.	0.	24003.078	154.929	0.	15.	250.	353.5
01055	MANGANESE, TOTAL (UG/L AS MN)	11/07/73-11/07/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/07/73-11/07/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/73-01/11/79	39	50.	69.192	400.	1.5	5787.837	76.078	10.	33.	67.	188.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/04/73-01/11/79	22	1190.	2937.273	27000.	110.	32062716.017	5662.395	173.	400.	3425.	6000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/04/73-01/11/79	22	3.06	3.076	4.431	2.041	0.337	0.581	2.222	2.602	3.534	3.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1191.019								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/73-09/20/83	22	1550.	7705.591	110000.	13.	535939827.682	23150.374	238.	1025.	3300.	14500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/73-09/20/83	22	3.188	3.228	5.041	1.114	0.559	0.748	2.287	3.007	3.519	4.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1688.768								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/73-09/08/75	14	490.	7726.429	92000.	170.	592381578.571	24338.89	185.	282.5	1575.	49950.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/73-09/08/75	14	2.69	2.943	4.964	2.23	0.549	0.741	2.266	2.444	3.181	4.431
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			877.803								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	22	490.	5082.864	92000.	23.	379566279.457	19482.461	130.	200.	980.	6250.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	22	2.69	2.764	4.964	1.362	0.502	0.708	2.114	2.301	2.99	3.742
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			580.599								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/07/74-01/11/79	23	200.	362.	4350.	20.	775434.273	880.587	22.	50.	270.	486.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/07/74-01/11/79	23	2.301	2.146	3.638	1.301	0.302	0.549	1.34	1.699	2.431	2.687
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			139.903								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/20/83-09/20/83	1	2.26	2.26	2.26	2.26	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	06/26/78-06/26/78	2	0.058	0.058	0.064	0.052	0.	0.008	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/09/73-01/11/79	7	0.309	0.557	2.06	0.22	0.443	0.666	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/09/73-11/07/73	2	3.2	3.2	6.4	0.	20.48	4.525	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/20/83-09/20/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/21/80-09/20/83	5	1.615	1.576	2.071	0.914	0.183	0.428	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/21/80-09/20/83	5	4.	5.6	12.	3.	13.3	3.647	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	26	0	0.00	18	0	0.00	8	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	3	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45 &	2	0.04	32	2	0.06	13	0	0.00						
00400	PH	Marine Chronic	8.5	7	0	0.00	5	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	5	0	0.00	2	1	0.50						
00403	PH, LAB	Marine Chronic	8.5	44	0	0.00	32	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	44	0	0.00	32	0	0.00	12	0	0.00						
01025	CADMIUM, DISSOLVED	Marine Acute	43.	5	0	0.00	5	0	0.00									
01026	CADMIUM, SUSPENDED	Marine Acute	43.	17	5	0.29	12	2	0.17	5	3	0.60						
01027	CADMIUM, TOTAL	Marine Acute	43.	20	7	0.35	13	6	0.46	7	1	0.14						
01040	COPPER, DISSOLVED	Marine Acute	2.9	19	4	0.21	14	4	0.29	5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01042	COPPER, TOTAL	Marine Acute	2.9	12 &	12	1.00	7	7	1.00	5	5	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	34	11	0.32	24	6	0.25	10	5	0.50						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	39	6	0.15	28	5	0.18	11	1	0.09						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	11	0.50	11	3	0.27	11	8	0.73						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	17	0.77	18	13	0.72	4	4	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	14	13	0.93	10	10	1.00	4	3	0.75						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	18	0.82	18	15	0.83	4	3	0.75						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	12	0.52	13	5	0.38	10	7	0.70						
71900	MERCURY, TOTAL	Marine Acute	2.1	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/73-09/20/83	43	1.	2.395	10.	1.	7.721	2.779	1.	1.	3.	9.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/73-09/20/83	32	27.85	26.803	32.	21.	9.84	3.137	22.	24.	29.5	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-09/20/83	25	20400.	18064.8	32000.	1000.	85007809.333	9219.968	4000.	11350.	26000.	29400.
00300	OXYGEN, DISSOLVED MG/L	09/16/73-09/20/83	32	5.75	5.797	9.9	2.	1.883	1.372	4.26	5.05	6.4	7.38
00403	PH, LAB, STANDARD UNITS SU	09/16/73-09/20/83	32	7.7	7.678	8.1	6.9	0.084	0.289	7.3	7.5	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/73-09/20/83	32	7.7	7.572	8.1	6.9	0.095	0.309	7.3	7.5	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/73-09/20/83	32	0.02	0.027	0.126	0.008	0.001	0.024	0.01	0.013	0.032	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/73-09/20/83	27	27.	47.407	230.	12.	2925.328	54.086	16.6	21.	44.	151.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/73-09/20/83	28	0.055	0.123	0.461	0.	0.019	0.136	0.	0.041	0.195	0.364
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/73-09/20/83	18	1350.	9040.167	110000.	13.	651628719.324	25527.019	118.3	797.5	3700.	25400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/73-09/20/83	18	3.13	3.23	5.041	1.114	0.687	0.829	2.014	2.902	3.561	4.288
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1698.792								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	18	490.	6102.389	92000.	23.	462771366.252	21512.121	119.3	297.5	980.	16310.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	18	2.69	2.815	4.964	1.362	0.576	0.759	2.039	2.464	2.99	4.004
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			653.005								

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Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/16/73-09/20/83	16	1.	2.375	24.	0.	33.85	5.818	0.	0.25	1.	9.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/73-09/20/83	13	18.	17.692	23.	10.	12.814	3.58	11.4	15.25	20.75	22.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-09/20/83	12	17500.	17775.	27500.	11000.	29285681.818	5411.625	11180.	12375.	20925.	27050.
00300	OXYGEN, DISSOLVED MG/L	09/16/73-09/20/83	14	7.35	7.457	12.4	1.	6.843	2.616	2.6	6.925	9.1	10.95
00403	PH, LAB, STANDARD UNITS SU	09/16/73-09/20/83	12	7.5	7.433	8.1	6.9	0.132	0.363	6.93	7.05	7.675	8.01
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/73-09/20/83	12	7.5	7.304	8.1	6.9	0.15	0.387	6.93	7.05	7.675	8.01
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/73-09/20/83	12	0.032	0.05	0.126	0.008	0.002	0.039	0.01	0.021	0.091	0.118
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/16/73-09/20/83	11	29.	33.636	61.	10.	241.655	15.545	11.8	23.	46.	59.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/73-09/20/83	11	0.09	0.117	0.302	0.	0.014	0.116	0.	0.	0.25	0.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/73-09/20/83	4	1700.	1700.	2300.	1100.	240000.	489.898	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/73-09/20/83	4	3.23	3.216	3.362	3.041	0.017	0.132	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1644.389								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	4	255.	495.	1300.	170.	291633.333	540.031	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/73-09/20/83	4	2.396	2.534	3.114	2.23	0.162	0.402	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			342.134								

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Station Inventory for Station: TIMU0378

NPS Station ID: TIMU0378
LAT/LON: 30.559448/ -81.596392
Agency: 21FLSJWM
Date Created: 08/01/92
Location: NASSAU RIVER 1.75 MI DNSTREAM OF US 17
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NDD /SSJ10065
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03070205060500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/20/83-10/23/86	45	2.	3.356	20.	2.	11.916	3.452	2.	2.	2.5	8.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/05/83-10/23/86	39	20.1	20.323	31.	13.6	20.89	4.571	13.7	18.	24.	27.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/05/83-10/23/86	24	19.	18.396	30.5	10.	37.282	6.106	10.	12.	19.	27.5
00032	CLOUD COVER (PERCENT)	09/20/83-10/23/86	34	10.	15.441	95.	0.	400.557	20.014	0.	0.	25.	40.
00035	WIND VELOCITY (MILES PER HOUR)	09/20/83-10/23/86	30	12.5	12.8	20.	0.	44.372	6.661	4.	8.	20.	20.
00039	SAMPLE LENGTH IN MILLIMETERS	12/05/83-10/23/86	33	20.	40.606	90.	20.	500.871	22.38	20.	20.	64.	64.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/08/85-10/23/86	18	30.	27.667	46.	14.	117.176	10.825	14.	17.25	36.5	46.
00080	COLOR (PLATINUM-COBALT UNITS)	03/05/85-10/23/86	6	60.	183.333	500.	50.	40336.667	200.84	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/85-11/04/85	5	1.9	1.98	2.5	1.5	0.172	0.415	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/85-09/10/85	3	83.	61.667	87.	15.	1637.333	40.464	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/05/85-11/04/85	5	31.	27.4	44.	10.	220.8	14.859	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/05/85-09/10/85	4	0.036	0.035	0.066	0.003	0.001	0.032	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/05/85-09/10/85	4	0.615	0.695	1.14	0.41	0.116	0.34	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/05/85-09/10/85	3	0.201	0.236	0.394	0.113	0.021	0.144	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/85-09/10/85	4	4120.	3331.75	5040.	47.	5021858.917	2240.95	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/05/85-09/10/85	2	98.4	98.4	191.	5.8	17149.52	130.956	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/05/85-09/10/85	2	356.	356.	699.	13.	235298.	485.075	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/05/85-09/10/85	2	3078.	3078.	6110.	46.	18386048.	4287.896	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/05/85-09/10/85	2	118.2	118.2	233.	3.4	26358.08	162.352	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/85-11/04/85	5	10200.	7606.2	14470.	78.	49600620.2	7042.771	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/05/85-11/04/85	5	1640.	1054.8	1840.	8.	911351.2	954.647	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/05/85-09/10/85	2	583.	583.	1022.	144.	385442.	620.84	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/05/85-11/04/85	4	4.825	5.545	11.66	0.87	27.072	5.203	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/05/85-11/04/85	4	3.475	3.743	7.75	0.27	16.268	4.033	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/05/85-11/04/85	4	0.535	0.68	1.65	0.	0.54	0.735	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/05/85-11/04/85	4	1.675	2.218	5.52	0.	6.921	2.631	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/05/85-11/04/85	4	2.235	3.043	6.66	1.04	6.136	2.477	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/05/85-11/04/85	4	1.26	1.28	1.52	1.08	0.042	0.206	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/05/85-09/10/85	4	22450.	18372.75	28300.	291.	155997636.917	12489.901	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/05/85-10/23/86	6	5.4	6.183	12.	2.8	10.018	3.165	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0378

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	3	0.60	4	2	0.50	1	1	1.00						
		Drinking Water	250.	5	3	0.60	4	2	0.50	1	1	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	3	0.60	4	2	0.50	1	1	1.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	5	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0379

NPS Station ID: TIMU0379 LAT/LON: 30.559448/ -81.596392 Agency: 112WRD Date Created: 09/30/89
Location: NASSAU RIVER 1.75 MI EAST OF U.S 17 NR HEDGES,FL FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 303334081354700
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 03070205000300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/83-10/23/86	38	20000.	17196.842	38500.	340.	245023399.218	15653.223	344.5	450.	31825.	36520.
00300	OXYGEN, DISSOLVED MG/L	12/04/84-10/23/86	22	6.7	6.818	9.2	4.4	1.236	1.112	5.45	5.9	7.725	8.15
00400	PH (STANDARD UNITS)	03/05/85-10/23/86	11	7.	6.836	7.5	5.3	0.403	0.634	5.46	6.7	7.1	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/05/85-10/23/86	11	7.	6.218	7.5	5.3	0.823	0.907	5.46	6.7	7.1	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/85-10/23/86	11	0.1	0.605	5.012	0.032	2.183	1.477	0.032	0.079	0.2	4.168
00480	SALINITY - PARTS PER THOUSAND	12/05/83-06/17/86	33	13.	10.542	29.	0.	86.377	9.294	0.	0.5	18.	21.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/05/85-10/23/86	8	0.05	0.052	0.133	0.005	0.002	0.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/05/85-10/23/86	8	0.687	0.802	1.52	0.41	0.146	0.382	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/05/85-10/23/86	7	0.02	0.031	0.08	0.007	0.001	0.027	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/05/85-10/23/86	7	0.191	0.224	0.37	0.12	0.01	0.102	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/05/85-10/23/86	6	0.098	0.148	0.3	0.054	0.012	0.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0379

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	12	0	0.00	10	0	0.00						
00400	PH	Fresh Chronic	9.	11	0	0.00	8	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	11	2	0.18	8	2	0.25	3	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0380

NPS Station ID: TIMU0380
LAT/LON: 30.414309/ -81.596559
Agency: 21FLA
Date Created: 10/28/95
Location: ST. JOHNS RIVER E SEMINOLE EFF
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030552
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST. JOHNS RIVER 100 YARDS EAST OF SEMINOLE KRAFT EFFLUENT

Parameter Inventory for Station: TIMU0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/95-10/16/95	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/95-10/16/95	1	25.7	25.7	25.7	25.7	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	10/16/95-10/16/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/16/95-10/16/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/95-10/16/95	1	657.	657.	657.	657.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/16/95-10/16/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/95-10/16/95	1	7.18	7.18	7.18	7.18	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/95-10/16/95	1	7.18	7.18	7.18	7.18	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/95-10/16/95	1	0.066	0.066	0.066	0.066	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/95-10/16/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/16/95-10/16/95	1	30.	30.	30.	30.	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/16/95-10/16/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	10/16/95-10/16/95	1	21.9	21.9	21.9	21.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0381

NPS Station ID: TIMU0381
LAT/LON: 30.454726/ -81.597226
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: DUNN CREEK AT DUNN CREEK ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DC6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
B.E.S.D. GAUGING STATION.

Parameter Inventory for Station: TIMU0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	86	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	62	21.55	21.842	31.8	11.5	28.415	5.331	15.29	16.975	26.625	28.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/95-11/30/98	20	2414.5	2451.45	5783.	389.	2987604.997	1728.469	436.2	730.	3725.25	5356.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	63	5.8	5.83	13.4	2.9	3.436	1.854	3.4	4.3	6.9	8.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/02/95-11/30/98	20	69.	67.075	95.3	38.8	210.897	14.522	42.99	55.075	77.175	82.85
00400p	PH (STANDARD UNITS)	03/08/84-11/30/98	62	6.8	6.766	7.8	5.5	0.259	0.509	6.	6.5	7.1	7.4
00400p	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	62	6.8	6.468	7.8	5.5	0.35	0.592	6.	6.5	7.1	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	62	0.158	0.341	3.162	0.016	0.262	0.512	0.04	0.079	0.316	1.
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	03/02/95-10/03/95	4	2878.	2890.5	5165.	641.	5081897.	2254.306	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	34	2.	3.	15.	0.	11.576	3.402	0.	1.	4.25	8.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/95-10/03/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/95-10/03/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/95-10/03/95	1	1.86	1.86	1.86	1.86	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/95-10/03/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/95-10/03/95	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/95-10/03/95	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/95-10/03/95	1	157.	157.	157.	157.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/90-04/04/95	22	3000.	7410.	30000.	220.	91952866.667	9589.206	590.	1300.	7500.	28200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/90-04/04/95	22	3.477	3.543	4.477	2.342	0.323	0.569	2.76	3.114	3.872	4.448
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3490.149								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	26	695.	1559.692	11000.	20.	6764925.662	2600.947	62.6	217.5	1400.	5900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	26	2.837	2.753	4.041	1.301	0.458	0.677	1.735	2.337	3.143	3.76
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			565.703								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/95-10/03/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/03/95-10/03/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/03/95-10/03/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

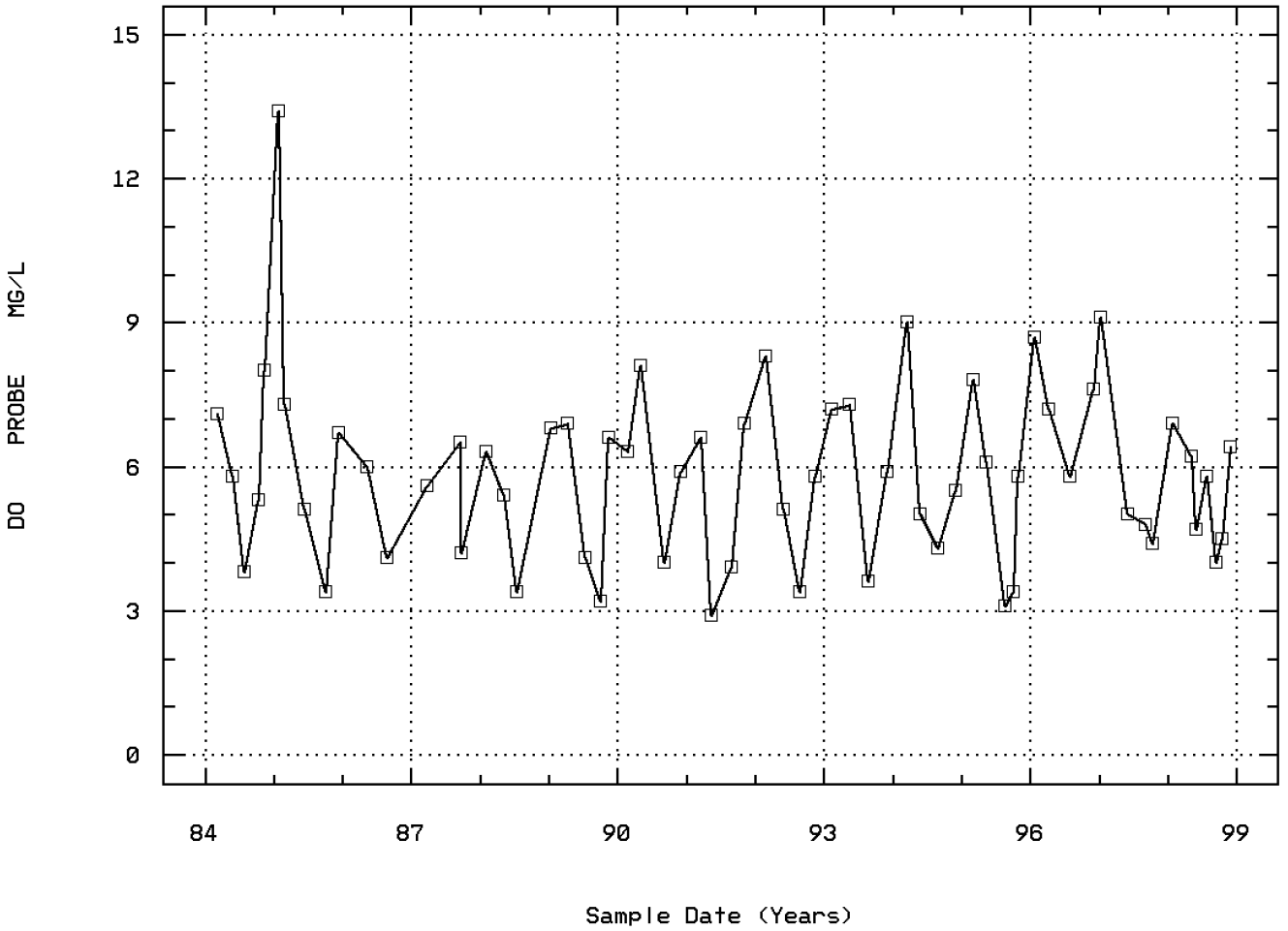
EPA Water Quality Criteria Analysis for Station: TIMU0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	63	12	0.19	38	12	0.32	25	0	0.00						
00400	PH	Fresh Chronic	9.	62	0	0.00	37	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	62	23	0.37	37	12	0.32	25	11	0.44						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	22	19	0.86	12	11	0.92	10	8	0.80						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	26	21	0.81	15	12	0.80	11	9	0.82						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

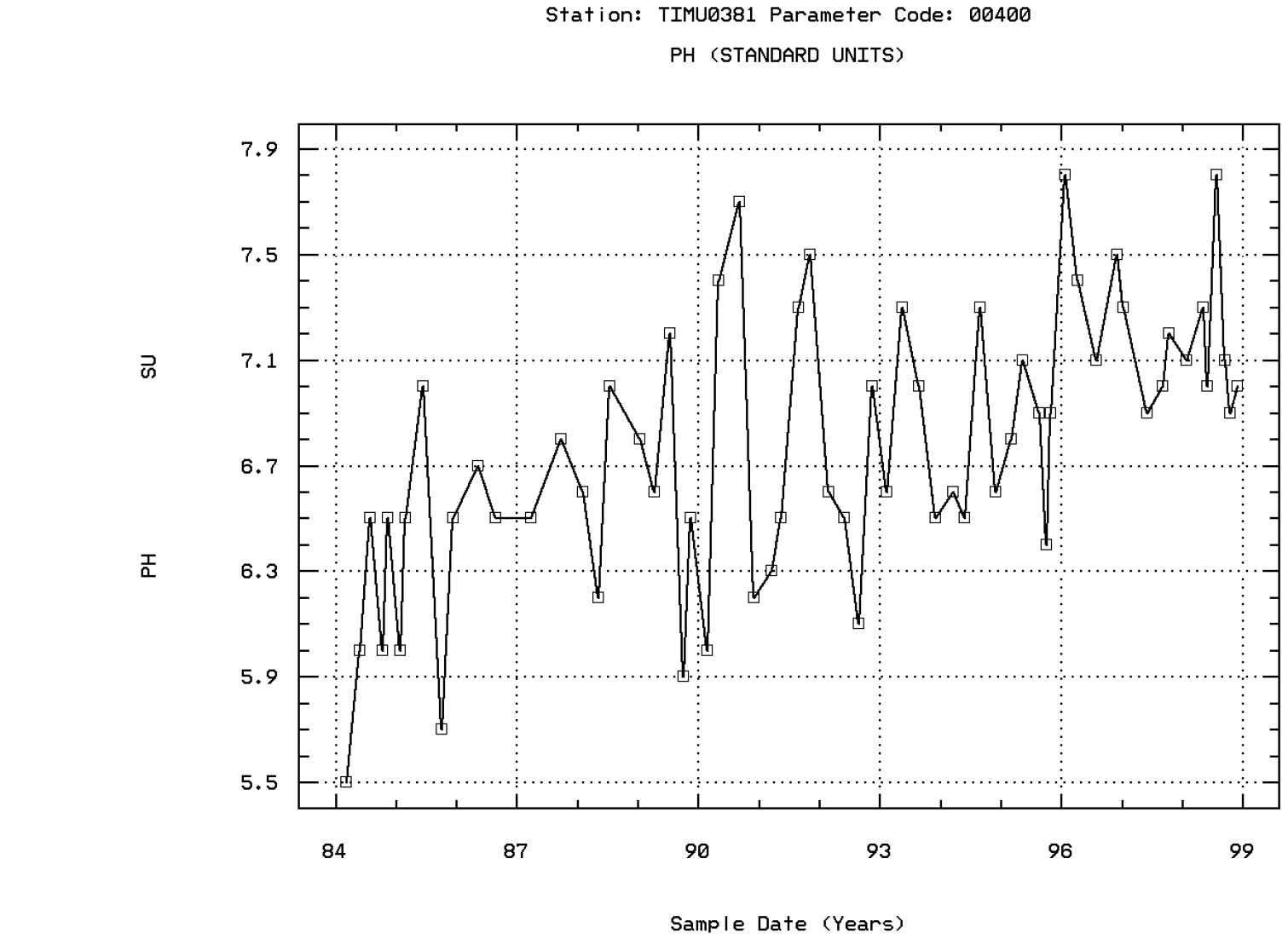
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: TIMU0381 Parameter Code: 00299

OXYGEN, DISSOLVED, ANALYSIS BY PROBE



DUNN CREEK AT DUNN CREEK ROAD



DUNN CREEK AT DUNN CREEK ROAD

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	50	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	37	26.3	25.432	31.8	15.5	11.328	3.366	20.6	23.7	27.6	29.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	38	4.75	4.847	8.1	2.9	1.584	1.258	3.38	3.875	5.8	6.54
00400	PH (STANDARD UNITS)	03/08/84-11/30/98	37	7.	6.843	7.8	5.7	0.256	0.506	6.	6.5	7.2	7.42
00400	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	37	7.	6.535	7.8	5.7	0.354	0.595	6.	6.5	7.2	7.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	37	0.1	0.292	1.995	0.016	0.176	0.419	0.038	0.063	0.316	1.
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	24	2.5	3.667	15.	0.	12.754	3.571	0.5	1.	5.	9.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	15	500.	1102.133	8000.	22.	3846708.267	1961.303	74.8	230.	800.	4220.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	15	2.699	2.694	3.903	1.342	0.338	0.581	1.762	2.362	2.903	3.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			494.3								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/84-11/30/98	36	0.7	0.7	0.7	0.7	0.	0.	0.7	0.7	0.7	0.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/84-11/30/98	25	16.8	16.528	21.	11.5	5.94	2.437	12.52	15.35	17.95	19.98
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/08/84-11/30/98	25	6.9	7.324	13.4	5.5	2.581	1.607	5.78	6.35	7.9	9.04
00400	PH (STANDARD UNITS)	03/08/84-11/30/98	25	6.6	6.652	7.8	5.5	0.252	0.502	6.	6.5	6.9	7.44
00400	CONVERTED PH (STANDARD UNITS)	03/08/84-11/30/98	25	6.6	6.384	7.8	5.5	0.327	0.572	6.	6.5	6.9	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/84-11/30/98	25	0.251	0.413	3.162	0.016	0.393	0.627	0.037	0.129	0.316	1.
00480	SALINITY - PARTS PER THOUSAND	07/14/89-11/30/98	10	1.	1.4	8.	0.	5.822	2.413	0.	0.	1.25	7.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	11	800.	2183.636	11000.	20.	10784645.455	3283.998	32.	210.	2400.	9800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/24/84-10/14/98	11	2.903	2.832	4.041	1.301	0.661	0.813	1.421	2.322	3.38	3.973
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			679.976								

** - Less than 9 observations ## - Computed 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: TIMU0382

NPS Station ID: TIMU0382
LAT/LON: 30.413892/ -81.598615
Agency: 21FLWQA
Date Created: 07/18/87
Location: ST.JOHNS RIVER CONFL W/BROWARD R. O4/X3 BE2
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SBS33100 /SJWMD33
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 03080103000500.09
RF3 Mile Point: 0.08
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0382

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: TIMU0383

NPS Station ID: TIMU0383
LAT/LON: 30.414309/ -81.599115
Agency: 21FLA
Date Created: 10/28/95
Location: ST. JOHNS RIVER W SEMINOLE EFF
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030551
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
ST. JOHNS RIVER 100 YARDS WEST OF SEMINOLE KRAFT EFFLUENT

Parameter Inventory for Station: TIMU0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/16/95-10/16/95	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/95-10/16/95	1	25.7	25.7	25.7	25.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/16/95-10/16/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/95-10/16/95	1	684.	684.	684.	684.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/16/95-10/16/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/95-10/16/95	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/95-10/16/95	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/95-10/16/95	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/95-10/16/95	1	18.	18.	18.	18.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/16/95-10/16/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	10/16/95-10/16/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	10/16/95-10/16/95	1	23.1	23.1	23.1	23.1	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: TIMU0383

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0384

NPS Station ID: TIMU0384
Location: NASSAU R US 17 S OF YULEE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 0319050
RMI-Miles: 0020.10
HUC: 03070205
Major Basin: SOUTHEAST
Minor Basin: NASSAU RIVER
RF1 Index: 03070205003
RF3 Index: 03070205067100.00
Description:

LAT/LON: 30.566670/ -81.600004
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 1.670
RF3 Mile Point: 0.00

Agency: 1113S050
FIPS State/County: 12089 FLORIDA/NASSAU
STORET Station ID(s): 649890
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: TIMU0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/08/65-01/06/66	11	12.8	12.891	16.	11.	2.649	1.628	11.	11.8	13.5	15.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/65-01/06/66	10	10500.	12292.	29000.	920.	66712640.	8167.781	1328.	6500.	17375.	28250.
00300	OXYGEN, DISSOLVED MG/L	12/08/65-01/05/66	10	7.8	7.85	8.4	7.5	0.069	0.264	7.51	7.675	8.025	8.37
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/08/65-01/05/66	10	72.5	73.2	78.	70.	5.289	2.3	70.2	72.	74.5	77.8
00310	BOD, 5 DAY, 20 DEG C MG/L	12/08/65-01/06/66	9	1.4	1.656	3.3	0.9	0.568	0.754	0.9	1.15	2.1	3.3
00400	PH (STANDARD UNITS)	12/08/65-01/05/66	10	6.5	6.51	7.2	6.	0.148	0.384	6.02	6.2	6.775	7.18
00400	CONVERTED PH (STANDARD UNITS)	12/08/65-01/05/66	10	6.489	6.381	7.2	6.	0.166	0.408	6.02	6.2	6.775	7.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/65-01/05/66	10	0.325	0.416	1.	0.063	0.09	0.299	0.067	0.175	0.631	0.963
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/08/65-01/06/66	8	67.	67.5	122.	28.	1077.429	32.824	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/08/65-01/06/66	11	4400.	5481.818	11200.	300.	12055636.364	3472.123	640.	3000.	8500.	11120.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/08/65-01/06/66	11	490.	1175.455	3300.	230.	1476207.273	1214.993	230.	330.	2300.	3300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/08/65-01/06/66	11	2.69	2.859	3.519	2.362	0.197	0.444	2.362	2.519	3.362	3.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			723.362								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/06/66	11	460.	415.455	1100.	40.	120567.273	347.228	42.	50.	700.	1038.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/08/65-01/06/66	11	2.663	2.402	3.041	1.602	0.274	0.524	1.621	1.699	2.845	3.013
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			252.213								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0384

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00				10	0	0.00						
00400	PH	Fresh Chronic	9.	10	0	0.00				10	0	0.00						
		Other-Lo Lim.	6.5	10	5	0.50				10	5	0.50						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	10	0.91				11	10	0.91						
		Drinking Water	250.	11	11	1.00				11	11	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	11	4	0.36				11	4	0.36						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	11	7	0.64				11	7	0.64						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0385

NPS Station ID: TIMU0385 LAT/LON: 30.413142/ -81.601365 Agency: 21FLA Date Created: 08/19/95
Location: ST JOHNS RIVER ARRROX 0.2 MILE E DRUMMOND PT. FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20030319
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
ST JOHNS RIVER APPROX 0.2 MILE EAST OF DRUMMOND PT. THIS STATION WAS USED AS A TEST SITE FOR THE 1993 BIOASSESSMENT OF SEMINOLE KRAFT CORP.

Parameter Inventory for Station: TIMU0385

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0386

NPS Station ID: TIMU0386
LAT/LON: 30.470837/ -81.601949
Agency: 112WRD
Date Created: / /
Location: DUNN CREEK NR EASTPORT, FLA.
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 02246800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 03080103000502.14
RF3 Mile Point: 2.13
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/16/65-08/30/68	19	23.	21.563	26.7	12.8	18.906	4.348	14.4	17.2	25.	26.1
00060	FLOW, STREAM, MEAN DAILY CFS	05/19/65-11/14/66	11	2.	7.882	66.	0.	377.086	19.419	0.	0.1	5.	54.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/16/65-08/30/68	19	2.	37.973	416.	0.	9789.102	98.94	0.08	0.3	21.	156.
00065	STAGE, STREAM (FEET)	02/16/65-09/04/68	23	1.08	1.424	4.25	0.	1.536	1.239	0.154	0.26	2.48	3.416
00080	COLOR (PLATINUM-COBALT UNITS)	05/01/65-11/14/66	13	100.	159.231	400.	40.	15841.026	125.861	40.	55.	240.	400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/65-11/14/66	13	144.	258.769	956.	70.	69623.026	263.862	80.	105.	260.	849.6
00400	PH (STANDARD UNITS)	05/01/65-11/14/66	13	6.8	6.877	7.6	5.7	0.26	0.51	5.98	6.65	7.25	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/01/65-11/14/66	13	6.8	6.543	7.6	5.7	0.381	0.617	5.98	6.65	7.25	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/65-11/14/66	13	0.158	0.286	1.995	0.025	0.274	0.524	0.025	0.057	0.225	1.356
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/65-11/14/66	12	29.5	41.25	111.	7.	982.75	31.349	9.7	17.	66.	99.6
00440	BICARBONATE ION (MG/L AS HCO3)	05/01/65-11/14/66	13	46.	56.692	135.	8.	1890.064	43.475	12.4	21.	86.5	135.
00445	CARBONATE ION (MG/L AS CO3)	05/01/65-11/14/66	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/14/66-11/14/66	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/26/65-11/14/66	4	0.22	0.243	0.49	0.04	0.038	0.194	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/65-11/14/66	13	45.	65.	138.	18.	1676.167	40.941	22.4	29.5	106.	127.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/19/65-11/14/66	12	12.	19.917	82.	1.	528.992	23.	2.5	8.25	16.75	72.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/01/65-11/14/66	13	14.	18.285	38.	4.9	130.621	11.429	6.34	9.05	26.5	38.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/01/65-11/14/66	13	2.4	4.677	19.	1.4	26.124	5.111	1.48	1.9	4.1	16.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/01/65-11/14/66	13	12.	27.154	138.	7.3	1535.906	39.191	7.78	10.1	14.5	117.2
00931	SODIUM ADSORPTION RATIO	05/19/65-11/14/66	12	0.7	1.375	5.1	0.6	2.153	1.467	0.63	0.7	0.975	4.71
00932	SODIUM, PERCENT	05/19/65-11/14/66	12	41.	41.583	67.	21.	192.083	13.859	22.5	30.25	46.75	66.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/01/65-11/14/66	13	0.6	1.377	6.7	0.4	3.257	1.805	0.44	0.5	1.	5.46
00940	CHLORIDE,TOTAL IN WATER MG/L	05/01/65-11/14/66	13	20.	48.231	252.	11.	5349.692	73.142	11.4	16.5	26.5	216.4
00945	SULFATE, TOTAL (MG/L AS SO4)	05/01/65-11/14/66	13	6.	8.446	32.	0.8	61.854	7.865	2.08	4.5	10.	24.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/01/65-11/14/66	13	0.3	0.308	0.5	0.2	0.009	0.095	0.2	0.2	0.4	0.46
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/65-11/14/66	13	13.	12.546	17.	6.6	10.661	3.265	7.72	9.65	15.5	16.6
01046	IRON, DISSOLVED (UG/L AS FE)	05/19/65-11/14/66	12	305.	391.667	950.	10.	100906.061	317.657	34.	150.	637.5	947.
01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/66-06/15/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/01/65-04/08/66	9	138.	160.889	408.	82.	9857.111	99.283	82.	97.	180.	408.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/19/65-11/14/66	12	82.	148.25	517.	44.	19980.568	141.353	47.6	68.5	158.	464.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/01/65-11/14/66	13	1.46	19.755	164.	0.	2245.618	47.388	0.	0.065	8.515	126.4
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/19/65-11/14/66	12	0.19	0.242	0.7	0.1	0.035	0.186	0.103	0.133	0.23	0.655
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/01/65-11/14/66	13	0.1	0.269	1.4	0.	0.156	0.395	0.	0.	0.4	1.08
71885	IRON (UG/L AS FE)	05/01/65-11/14/66	4	185.	267.5	690.	10.	86958.333	294.887	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	13	0	0.00	9	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	13	2	0.15	9	2	0.22	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	9	0	0.00	4	0	0.00						
		Drinking Water	250.	13	1	0.08	9	1	0.11	4	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	9	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	13	0	0.00	9	0	0.00	4	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	13	0	0.00	9	0	0.00	4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0387

NPS Station ID: TIMU0387 LAT/LON: 30.416337/ -81.602365 Agency: 21FLA Date Created: / /
Location: BROWARD R BR FLA RT 105 (HECKSHER DR.) FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20030142 / LSJR31
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 17 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: ST JOHNS ECO Region:
RF1 Index: 03080103008 RF1 Mile Point: 1.540 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03080103009600.53 RF3 Mile Point: 0.53 Distance from RF3: 0.08 On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, BROWARD BROWARD RIVER AT BRIDGE SR 105 AND MOUTH OF RIVER

Parameter Inventory for Station: TIMU0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	21	2.	7.095	25.	1.	65.99	8.123	1.	1.	12.5	22.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/72-02/17/87	7	28.	24.	30.	14.	40.917	6.397	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/20/86-02/17/87	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/72-09/26/72	2	7.5	7.5	15.	0.	112.5	10.607	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-10/22/86	2	8.3	8.3	12.	4.6	27.38	5.233	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-02/17/87	3	1.	1.133	1.5	0.9	0.103	0.321	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/72-08/14/72	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-10/20/86	2	50.	50.	80.	20.	1800.	42.426	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/86-02/17/87	2	31150.	31150.	46300.	16000.	459045000.	21425.335	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/78-10/20/86	4	27100.	29525.	39400.	24500.	47249166.667	6873.803	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/86-02/17/87	2	8.65	8.65	9.7	7.6	2.205	1.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/72-10/20/86	6	5.1	5.	7.7	2.3	3.408	1.846	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/14/72-08/14/72	1	71.4	71.4	71.4	71.4	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/72-11/02/76	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	06/26/78-06/27/78	2	1.35	1.35	1.5	1.2	0.045	0.212	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	06/26/78-06/27/78	2	3.75	3.75	4.2	3.3	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/86-02/17/87	2	7.575	7.575	8.	7.15	0.361	0.601	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/86-02/17/87	2	7.394	7.394	8.	7.15	0.427	0.653	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/86-02/17/87	2	0.04	0.04	0.071	0.01	0.002	0.043	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/72-10/20/86	6	7.85	7.65	7.9	6.9	0.159	0.399	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/72-10/20/86	6	7.847	7.454	7.9	6.9	0.205	0.453	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/72-10/20/86	6	0.014	0.035	0.126	0.013	0.002	0.045	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/20/86-02/17/87	2	19.	19.	28.	10.	162.	12.728	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/26/72-09/26/72	1	16260.	16260.	16260.	16260.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/26/72-09/26/72	1	15960.	15960.	15960.	15960.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/72-09/26/72	1	305.	305.	305.	305.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/86-10/20/86	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/78-06/27/78	2 ##	0.004	0.004	0.008	0.001	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/02/76-06/27/78	3	0.019	0.041	0.1	0.003	0.003	0.052	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/78-06/27/78	2	1.003	1.003	1.068	0.938	0.008	0.092	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/86-10/20/86	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/26/78-06/27/78	2	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/02/76-06/27/78	3	0.15	0.11	0.17	0.01	0.008	0.087	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/72-09/26/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/72-10/20/86	5	11400.	11776.	16780.	9300.	9126880.	3021.073	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/72-09/26/72	1	64.	64.	64.	64.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-10/20/86	2	0.655	0.655	0.71	0.6	0.006	0.078	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/20/86	2 ##	21.75	21.75	41.	2.5	741.125	27.224	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	2	0.805	0.805	0.81	0.8	0.	0.007	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/20/86	2	122.	122.	140.	104.	648.	25.456	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/20/86	2	16.7	16.7	19.8	13.6	19.22	4.384	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/26/72-10/20/86	3	152.	166.	346.	0.	30076.	173.424	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/20/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/20/86	2	27.65	27.65	31.9	23.4	36.125	6.01	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/20/86	2	107.5	107.5	110.	105.	12.5	3.536	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/20/86	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/20/86	2 ##	34.	34.	48.	20.	392.	19.799	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	2	7.18	7.18	9.49	4.87	10.672	3.267	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/20/86	2 ##	5.75	5.75	9.	2.5	21.125	4.596	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/02/76-11/02/76	1	360.	360.	360.	360.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/02/76-11/02/76	1	2.556	2.556	2.556	2.556	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			360.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/72-10/20/86	5	4900.	5054.	13000.	170.	23656080.	4863.752	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/72-10/20/86	5	3.69	3.417	4.114	2.23	0.511	0.715	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2613.981								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-10/20/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-10/20/86	1	1.845	1.845	1.845	1.845	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-06/27/78	3	29.	68.	150.	25.	5047.	71.042	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-06/27/78	3	1.462	1.679	2.176	1.398	0.187	0.432	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.732								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/20/87	4	4.76	4.513	7.05	1.48	7.202	2.684	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	06/26/78-06/27/78	2	0.097	0.097	0.153	0.041	0.006	0.079	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	1	20.48	20.48	20.48	20.48	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	1	50.18	50.18	50.18	50.18	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/13/87-04/13/87	1	1446.	1446.	1446.	1446.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/26/72-09/26/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-02/17/87	4	15.	15.5	22.	10.	24.333	4.933	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	1	16.86	16.86	16.86	16.86	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	1	12.06	12.06	12.06	12.06	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	08/20/86-04/13/87	3	2.123	1.974	2.496	1.304	0.372	0.61	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	08/20/86-04/13/87	3	11.	10.667	15.	6.	20.333	4.509	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	2	0.33	6	2	0.33									
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	5	5	1.00									
		Drinking Water	250.	5	5	1.00	5	5	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	1	0.50	2	1	0.50									
		Drinking Water	5.	2	1	0.50	2	1	0.50									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	4	0.80	5	4	0.80									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	18	2.	6.333	23.	1.	56.588	7.523	1.	1.	11.25	22.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/72-07/20/87	3	8.	11.667	25.	2.	142.333	11.93	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0388

NPS Station ID: TIMU0388
LAT/LON: 30.416670/ -81.602226
Agency: 21FLSJWM
Date Created: 09/23/95
Location: BROWARD R NR MOUTH AT HECKSHER DR STORMFLOW
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/RUNOFF
STORET Station ID(s): BRDRM.S
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/93-07/01/94	8	26.95	25.163	29.6	14.2	27.677	5.261	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/08/93-08/24/93	2	33.	33.	35.	31.	8.	2.828	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/09/93-08/24/93	3	0.7	0.7	0.75	0.65	0.002	0.05	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/09/93-07/01/94	9	50.	43.333	70.	20.	300.	17.321	20.	25.	55.	70.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/93-07/01/94	7	27500.	27684.286	38800.	11090.	70753395.238	8411.504	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/09/93-07/01/94	8	5.8	6.163	8.9	5.	1.48	1.216	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/24/93-07/01/94	5	1.3	1.1	1.7	0.4	0.285	0.534	**	**	**	**
00400	PH (STANDARD UNITS)	06/09/93-07/01/94	7	7.5	7.366	7.61	6.76	0.091	0.302	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/09/93-07/01/94	7	7.5	7.253	7.61	6.76	0.106	0.325	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/93-07/01/94	7	0.032	0.056	0.174	0.025	0.003	0.054	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/09/93-05/04/94	7	93.	94.429	107.	88.	49.619	7.044	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/21/93-12/21/93	2	18.35	18.35	19.9	16.8	4.805	2.192	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/09/93-07/01/94	9	31.	30.333	44.	1.	155.5	12.47	1.	27.	39.	44.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/09/93-07/01/94	9	0.07	0.071	0.13	0.01	0.002	0.04	0.01	0.04	0.11	0.13
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/93-07/01/94	9	0.67	0.634	1.28	0.02	0.141	0.375	0.02	0.325	0.865	1.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/09/93-07/01/94	9	0.1	0.121	0.22	0.	0.007	0.083	0.	0.045	0.205	0.22
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/09/93-07/01/94	9	0.11	0.131	0.27	0.09	0.003	0.055	0.09	0.1	0.14	0.27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/09/93-06/09/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/09/93-07/01/94	7 ##	0.55	3.614	10.7	0.4	18.712	4.326	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/09/93-07/01/94	9	172.	187.667	302.	101.	3062.25	55.338	101.	161.5	217.5	302.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/09/93-07/01/94	9	595.	620.656	984.	230.9	43144.243	207.712	230.9	532.5	757.5	984.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/93-07/01/94	9	9510.	10061.111	16300.	3350.	13240436.111	3638.741	3350.	8060.	12400.	16300.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/93-07/01/94	9	1440.	1157.111	2000.	111.	435604.361	660.003	111.	456.5	1645.	2000.
01027	CADMIUM, TOTAL (UG/L AS CD)	07/08/93-07/01/94	3 ##	-0.5	-0.583	-0.25	-1.	0.146	0.382	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/93-07/01/94	8 ##	1.	4.05	23.	0.4	59.777	7.732	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/09/93-07/01/94	8 ##	0.5	2.188	14.	-0.5	23.281	4.825	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/08/93-07/01/94	5	246.	263.4	385.	131.	8957.3	94.643	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/09/93-07/01/94	8 ##	0.25	0.188	1.	-1.	0.424	0.651	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/29/94-07/01/94	3 ##	-0.5	7.833	24.	-0.5	196.083	14.003	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/21/93-07/01/94	4 ##	0.475	0.2	1.	-0.15	0.288	0.537	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/09/93-07/01/94	9	17.	17.611	35.	0.5	121.861	11.039	0.5	9.	26.	35.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/09/93-06/09/93	1	7.73	7.73	7.73	7.73	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/09/93-07/08/93	2	5.97	5.97	6.6	5.34	0.794	0.891	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	2 ##	0.103	0.103	0.15	0.055	0.005	0.067	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/09/93-07/08/93	2	1.06	1.06	1.1	1.02	0.003	0.057	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/09/93-07/08/93	2	3.615	3.615	3.63	3.6	0.	0.021	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/09/93-07/08/93	2	1.405	1.405	1.41	1.4	0.	0.007	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	06/09/93-07/01/94	9	2860.	3024.444	4810.	1200.	973277.778	986.548	1200.	2615.	3625.	4810.

** - Less than 9 observations ## - 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: TIMU0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/09/93-07/01/94	9	18700.	18854.444	28200.	6290.	34656677.778	5886.992	6290.	17400.	22300.	28200.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/09/93-07/01/94	9	0.07	0.073	0.1	0.06	0.	0.013	0.06	0.06	0.08	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/93-07/01/94	9	7.6	14.011	60.	5.4	310.211	17.613	5.4	5.85	13.1	60.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/09/93-08/24/93	3	1.5	1.867	2.9	1.2	0.823	0.907	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0388

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	6	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	7	0	0.00	6	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	7	0	0.00	6	0	0.00	1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	7	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	9	1.00	7	7	1.00	2	2	1.00						
		Drinking Water	250.	9	9	1.00	7	7	1.00	2	2	1.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	8	0.89	7	7	1.00	2	1	0.50						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5.	3	0	0.00	2	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	6	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	6	0	0.00	2	0	0.00						
		Drinking Water	1300.	8	0	0.00	6	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00	6	0	0.00	2	0	0.00						
		Drinking Water	15.	8	0	0.00	6	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	7	0	0.00	2	0	0.00						
		Drinking Water	5000.	9	0	0.00	7	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	9	1	0.11	7	1	0.14	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: TIMU0389

NPS Station ID: TIMU0389
LAT/LON: 30.483809/ -81.602337
Agency: 21FLA
Date Created: 04/27/96
Location: DUNN CR AT STARRET RD JACKSONVILLE
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 20030357
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0389

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0390

NPS Station ID: TIMU0390
LAT/LON: 30.470837/ -81.602226
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: DUNN CREEK AT NEW BERLIN ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DC3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0390

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/02/97-11/20/97	3	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/97-11/20/97	3	22.6	20.267	25.1	13.1	40.083	6.331	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/97-11/20/97	3	315.	342.	527.	184.	29959.	173.087	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/97-11/20/97	3	4.1	5.633	9.1	3.7	9.053	3.009	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/02/97-11/20/97	3	47.2	59.5	86.	45.3	527.59	22.969	**	**	**	**
00400	PH (STANDARD UNITS)	06/02/97-11/20/97	3	7.1	7.033	7.1	6.9	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/02/97-11/20/97	3	7.1	7.023	7.1	6.9	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/97-11/20/97	3	0.079	0.095	0.126	0.079	0.001	0.027	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/02/97-11/20/97	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0390

				Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	1	0.33	2	1	0.50	1	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0391

NPS Station ID: TIMU0391 LAT/LON: 30.416392/ -81.602505 Agency: 21FLDDPU Date Created: 09/23/95
Location: BROWARD RIVER AT SR 105 BRIDGE (HECKSHER DR.) FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 20030142
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 0.40 On/Off RF1:
RF3 Index: 03080103001000.26 RF3 Mile Point: 0.26 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-07/15/91	20	26.	24.	31.	13.5	31.289	5.594	13.7	19.25	28.	30.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-07/15/91	17	24600.	22107.647	34500.	3790.	78001294.118	8831.834	4710.	17100.	28300.	31700.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-07/15/91	20	7.2	6.64	9.4	4.7	2.252	1.501	4.72	5.075	8.075	8.29
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-07/15/91	17	1.3	1.452	2.6	0.08	0.42	0.648	0.656	1.	2.05	2.36
00400	PH (STANDARD UNITS)	05/14/86-07/15/91	20	7.7	7.575	8.2	6.4	0.196	0.442	6.57	7.5	7.775	8.08
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-07/15/91	20	7.7	7.251	8.2	6.4	0.306	0.553	6.57	7.5	7.775	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-07/15/91	20	0.02	0.056	0.398	0.006	0.011	0.104	0.008	0.017	0.032	0.291
00480	SALINITY - PARTS PER THOUSAND	07/16/86-07/15/91	16	16.	15.438	24.	2.	42.396	6.511	2.	13.25	20.	23.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-07/15/91	17	29.	41.235	250.	9.	3026.316	55.012	11.4	20.5	32.5	97.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-07/15/91	17	0.06	0.076	0.26	0.05	0.003	0.051	0.05	0.05	0.09	0.132
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-07/15/91	20	0.89	0.98	1.82	0.6	0.097	0.311	0.609	0.77	1.175	1.484
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-07/15/91	17	0.16	0.145	0.34	0.04	0.007	0.086	0.04	0.05	0.2	0.268
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-07/15/91	20	0.11	0.115	0.2	0.09	0.001	0.024	0.1	0.1	0.128	0.13
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-07/15/91	17	9747.	9353.529	16780.	1125.	15046080.39	3878.928	1448.2	7872.5	11683.5	13952.8
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-07/15/91	16	170.	356.875	1600.	70.	181436.25	425.953	77.	87.5	450.	1110.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-07/15/91	16	2.23	2.338	3.204	1.845	0.175	0.419	1.886	1.938	2.644	3.029
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			217.733								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-07/15/91	20	31.5	78.7	500.	4.	12952.747	113.81	8.2	11.5	125.	170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-07/15/91	20	1.498	1.57	2.699	0.602	0.304	0.551	0.913	1.06	2.096	2.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.176								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-07/15/91	17	7.5	7.953	12.	4.	7.251	2.693	4.4	5.05	10.1	12.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-07/15/91	20	3.1	3.05	6.1	0.	2.482	1.575	0.93	1.725	3.7	5.95

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0391

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	0	0.00	14	0	0.00	6	0	0.00						
00400	PH	Fresh Chronic	9.	20	0	0.00	14	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	20	2	0.10	14	2	0.14	6	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	13	0	0.00	4	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	17	1.00	11	11	1.00	6	6	1.00						
		Drinking Water	250.	17	17	1.00	11	11	1.00	6	6	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: TIMU0391

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	16	1	0.06	10	1	0.10	6	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	20	1	0.05	14	1	0.07	6	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	0	0.00	11	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: TIMU0392

NPS Station ID: TIMU0392
LAT/LON: 30.483616/ -81.602505
Agency: 112WRD
Date Created: 03/17/77
Location: DUNNS CREEK NR OCEANWAY, FLORIDA
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302901081360901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 7.00
On/Off RF1:
RF3 Index: 03080103000502.95
RF3 Mile Point: 8.44
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/19/77-04/06/81	9	19.	17.778	28.5	6.	42.507	6.52	6.	13.5	22.	28.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/09/79-04/06/81	5	0.9	2.02	4.	0.4	3.302	1.817	**	**	**	**
00065	STAGE, STREAM (FEET)	03/09/79-04/06/81	4	12.295	12.373	13.35	11.55	0.776	0.881	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/19/77-04/20/77	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/09/78-04/06/81	7	4.	4.571	7.	3.	2.286	1.512	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	01/19/77-04/06/81	9	80.	91.667	170.	0.	5225.	72.284	0.	12.5	160.	170.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/19/77-04/06/81	9	280.	239.333	310.	140.	4873.75	69.812	140.	163.5	298.5	310.
00300	OXYGEN, DISSOLVED MG/L	04/20/77-04/06/81	8	6.95	7.2	8.8	4.9	1.883	1.372	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/09/78-04/06/81	7	82.9	77.757	88.1	53.	141.703	11.904	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/19/77-04/06/81	7	1.	12.857	85.	0.2	1012.16	31.814	**	**	**	**
00400	PH (STANDARD UNITS)	01/19/77-04/06/81	9	6.6	6.644	7.1	6.1	0.138	0.371	6.1	6.35	7.05	7.1
00400	CONVERTED PH (STANDARD UNITS)	01/19/77-04/06/81	9	6.6	6.513	7.1	6.1	0.157	0.396	6.1	6.35	7.05	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/19/77-04/06/81	9	0.251	0.307	0.794	0.079	0.058	0.241	0.079	0.09	0.45	0.794
00403	PH, LAB, STANDARD UNITS SU	11/03/80-04/06/81	2	6.95	6.95	7.5	6.4	0.605	0.778	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/03/80-04/06/81	2	6.668	6.668	7.5	6.4	0.764	0.874	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/03/80-04/06/81	2	0.215	0.215	0.398	0.032	0.067	0.259	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/19/77-04/20/77	2	17.5	17.5	25.	10.	112.5	10.607	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/19/77-11/03/80	8	71.5	74.375	128.	26.	2354.268	48.521	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/19/77-05/24/78	4	85.	90.75	156.	37.	3754.25	61.272	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/19/77-05/24/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/19/77-04/06/81	9	0.47	0.461	0.79	0.22	0.046	0.214	0.22	0.235	0.66	0.79
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/19/77-04/06/81	9	0.37	0.363	0.68	0.13	0.044	0.209	0.13	0.135	0.57	0.68
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	5	0.19	0.302	0.68	0.06	0.066	0.258	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	5	0.05	0.058	0.08	0.04	0.	0.02	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/19/77-04/06/81	9	0.06	0.068	0.12	0.04	0.001	0.025	0.04	0.045	0.08	0.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	5	0.01	0.006	0.01	0.	0.	0.005	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/19/77-04/06/81	9	0.01	0.008	0.01	0.	0.	0.004	0.	0.008	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	5	0.01	0.022	0.06	0.	0.001	0.024	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/19/77-04/06/81	9	0.01	0.022	0.06	0.	0.	0.022	0.	0.005	0.045	0.06
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/09/79-04/06/81	5	0.27	0.36	0.72	0.14	0.06	0.246	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/19/77-04/06/81	9	0.45	0.431	0.72	0.2	0.04	0.2	0.2	0.21	0.625	0.72
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/19/77-04/06/81	9	0.02	0.03	0.07	0.01	0.001	0.024	0.01	0.01	0.055	0.07
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/09/79-04/06/81	5	0.01	0.028	0.07	0.01	0.001	0.027	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/09/79-04/06/81	5	0.95	0.84	1.2	0.4	0.122	0.349	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/19/77-04/06/81	9	0.49	0.369	0.56	0.105	0.037	0.192	0.105	0.18	0.545	0.56
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/09/79-04/06/81	5	0.31	0.28	0.4	0.16	0.011	0.106	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/09/79-04/06/81	5	0.31	0.272	0.39	0.13	0.013	0.112	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/19/77-04/06/81	9	14.	13.411	31.	2.7	81.571	9.032	2.7	4.	18.	31.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	01/19/77-05/24/78	4	20.5	20.75	30.	12.	102.25	10.112	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	01/19/77-05/24/78	4	31.5	33.5	45.	26.	69.667	8.347	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/19/77-04/06/81	9	110.	91.556	130.	45.	1224.528	34.993	45.	52.5	120.	130.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/19/77-11/03/80	8	16.5	15.5	43.	0.	237.429	15.409	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/19/77-04/06/81	9	35.	28.889	41.	14.	134.611	11.602	14.	16.	39.	41.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/19/77-04/06/81	9	5.	4.578	6.3	2.5	2.017	1.42	2.5	3.	5.8	6.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/19/77-04/06/81	9	13.	12.889	15.	11.	2.861	1.691	11.	11.	14.5	15.
00931	SODIUM ADSORPTION RATIO	01/19/77-04/06/81	9	0.6	0.611	0.8	0.4	0.016	0.127	0.4	0.5	0.7	0.8
00932	SODIUM, PERCENT	01/19/77-04/06/81	9	22.	25.778	40.	17.	66.444	8.151	17.	18.5	32.5	40.
00933	SODIUM,PLUS POTASSIUM (MG/L)	03/09/79-01/30/80	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/19/77-04/06/81	9	1.	0.9	1.2	0.5	0.078	0.278	0.5	0.6	1.15	1.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/19/77-04/06/81	9	20.	19.667	21.	18.	0.75	0.866	18.	19.	20.	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/19/77-04/06/81	9	12.	14.667	37.	3.	119.25	10.92	3.	5.5	21.	37.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/19/77-04/06/81	9	0.2	0.167	0.3	0.1	0.005	0.071	0.1	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/19/77-04/06/81	9	20.	19.111	25.	14.	14.111	3.756	14.	15.5	22.	25.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/09/79-04/06/81	5	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	03/09/79-04/06/81	5	0.	0.3	1.	0.	0.2	0.447	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/20/77-04/06/81	8	0.5	0.5	1.	0.	0.214	0.463	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/19/77-04/06/81	9 ##	0.	0.111	1.	0.	0.111	0.333	0.	0.	0.	1.
01040	COPPER, DISSOLVED (UG/L AS CU)	01/19/77-04/06/81	9 ##	0.	0.556	2.	0.	0.528	0.726	0.	0.	1.	2.
01041	COPPER, SUSPENDED (UG/L AS CU)	03/09/79-04/06/81	5	1.	0.8	2.	0.	0.7	0.837	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/09/79-04/06/81	5	1.	1.4	2.	1.	0.3	0.548	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	02/09/78-01/30/80	4	255.	395.	900.	170.	119766.667	346.073	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/19/77-01/30/80	6	840.	888.333	1400.	580.	81976.667	286.316	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/19/77-01/30/80	6	590.	515.	760.	40.	61270.	247.528	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/19/77-04/06/81	9 ##	0.	0.222	1.	0.	0.194	0.441	0.	0.	0.5	1.
01050	LEAD, SUSPENDED (UG/L AS PB)	01/19/77-04/06/81	9	0.	1.889	8.	0.	8.361	2.892	0.	0.	4.	8.
01051	LEAD, TOTAL (UG/L AS PB)	01/19/77-04/06/81	9	1.	2.111	9.	0.	9.611	3.1	0.	0.	4.	9.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	01/19/77-01/30/80	6	0.	1.667	10.	0.	16.667	4.082	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/19/77-01/30/80	6	25.	25.	40.	10.	110.	10.488	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/19/77-01/30/80	6	30.	25.833	40.	5.	144.167	12.007	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/09/79-04/06/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	03/09/79-04/06/81	5	2.	4.	15.	0.	38.5	6.205	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/19/77-04/06/81	9	2.	3.778	15.	0.	24.944	4.994	0.	0.5	6.	15.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/19/77-04/06/81	9	140.	131.111	180.	60.	1736.111	41.667	60.	90.	165.	180.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/19/77-04/06/81	9 ##	3.	5.889	20.	0.	49.611	7.044	0.	0.	10.	20.
01091	ZINC, SUSPENDED (UG/L ZN)	03/09/79-04/06/81	5	20.	20.	50.	0.	450.	21.213	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/09/79-04/06/81	5	20.	24.	60.	0.	530.	23.022	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/19/77-04/06/81	9	240.	287.778	630.	40.	40344.444	200.859	40.	120.	450.	630.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/09/79-04/06/81	5	60.	192.	520.	0.	53270.	230.803	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	03/09/79-04/06/81	5	30.	44.	140.	0.	3130.	55.946	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/09/78-05/24/78	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/20/77-04/06/81	6	0.	0.167	0.5	0.	0.067	0.258	**	**	**	**
32240	TANNIN AND LIGNIN (MG/L)	01/19/77-05/24/78	4	2.15	2.125	3.2	1.	0.943	0.971	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/19/77-04/06/81	9	184.	179.444	209.	120.	771.528	27.776	120.	163.5	201.5	209.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/19/77-04/06/81	9	169.	146.778	188.	89.	1621.944	40.273	89.	101.5	182.	188.
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/09/79-04/06/81	5	0.45	0.848	1.81	0.18	0.49	0.7	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/19/77-04/06/81	9	0.25	0.243	0.28	0.16	0.002	0.039	0.16	0.22	0.275	0.28
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/19/77-04/06/81	9	0.47	0.359	0.55	0.16	0.031	0.176	0.16	0.17	0.515	0.55
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	03/09/79-04/06/81	5	0.06	0.072	0.1	0.05	0.001	0.026	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/09/79-04/06/81	5	0.	0.08	0.3	0.	0.017	0.13	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	03/09/79-04/06/81	5	0.03	0.018	0.03	0.	0.	0.016	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/19/77-04/06/81	9	2.1	2.044	3.5	1.	0.875	0.936	1.	1.05	2.9	3.5
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/09/79-04/06/81	5	0.2	0.17	0.25	0.1	0.005	0.067	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	03/09/79-04/06/81	5	0.	0.06	0.2	0.	0.008	0.089	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/19/77-04/06/81	9 ##	0.25	0.239	0.4	0.1	0.006	0.078	0.1	0.2	0.25	0.4
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/09/79-04/06/81	5	3.	6.2	17.	3.	37.2	6.099	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/09/79-04/06/81	5	0.03	0.024	0.04	0.	0.	0.018	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	04/06/81-04/06/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0392

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	3	0	0.00	4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	4	0	0.00	4	0	0.00						
00400	PH	Fresh Chronic	9.	9	0	0.00	4	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	9	4	0.44	4	2	0.50	5	2	0.40						
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	1	0.50	1	0	0.00	1	1	1.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	2	0	0.00	3	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	4	0	0.00	5	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	2	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	4	0	0.00	5	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	4	0	0.00	5	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	2	0	0.00	3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	250.	9	0	0.00	4	0	0.00	5	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	4	0	0.00	5	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	4	0	0.00	5	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	50.	5	0	0.00	2	0	0.00	3	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	50.	5	0	0.00	2	0	0.00	3	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00	4	0	0.00	4	0	0.00						
		Drinking Water	50.	8	0	0.00	4	0	0.00	4	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	5.	9	0	0.00	4	0	0.00	5	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	1300.	9	0	0.00	4	0	0.00	5	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	1300.	5	0	0.00	2	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	1300.	5	0	0.00	2	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	15.	9	0	0.00	4	0	0.00	5	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	15.	9	0	0.00	4	0	0.00	5	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	15.	9	0	0.00	4	0	0.00	5	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	100.	9	0	0.00	4	0	0.00	5	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	5000.	9	0	0.00	4	0	0.00	5	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	5000.	5	0	0.00	2	0	0.00	3	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	5000.	5	0	0.00	2	0	0.00	3	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	3	0	0.00	3	0	0.00						
		Drinking Water	50.	6	0	0.00	3	0	0.00	3	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	2	0	0.00	3	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	5	0	0.00	2	0	0.00	3	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	5	0	0.00	2	0	0.00	3	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	5	0	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	2.	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: TIMU0392

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	4	0	0.00	5	0	0.00						
	Drinking Water	2.	9	0	0.00	4	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: TIMU0393

NPS Station ID: TIMU0393
LAT/LON: 30.483892/ -81.603059
Agency: 21FLJXWQ
Date Created: 06/12/99
Location: DUNN CREEK AT STARRATT ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): DC7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0393

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0394

NPS Station ID: TIMU0394 LAT/LON: 30.408337/ -81.603338 Agency: 21FLA Date Created: 03/14/87
Location: ST. JOHNS RIVER 400YDS S. DRUMMOND POINT FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 20030644 /LSJR30
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 10 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 1.80 On/Off RF1:
RF3 Index: 03080103246700.00 RF3 Mile Point: 1.34 Distance from RF3: 0.04 On/Off RF3:
Description:
ST. JOHNS RIVER APPROXIMATELY 400 YARDS SOUTH OF DRUMMOND POINT NEAR DISTRICT II STP EFFLUENT

Parameter Inventory for Station: TIMU0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/22/86-07/20/87	14	4.	4.5	11.	1.	10.731	3.276	1.	1.75	7.	10.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/86-04/13/87	4	20.25	20.925	29.	14.2	40.489	6.363	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/22/86-09/22/86	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/22/86-04/13/87	4	13.65	13.075	15.	10.	5.822	2.413	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/22/86-04/13/87	4	0.75	0.788	1.	0.65	0.024	0.155	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/22/86-04/13/87	4	65.	72.5	120.	40.	1291.667	35.94	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/86-04/13/87	3	19000.	22780.	48500.	840.	578585200.	24053.798	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/86-04/13/87	4	16950.	19949.5	40300.	5598.	213582467.667	14614.461	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/22/86-04/13/87	4	7.4	7.4	9.1	5.7	2.093	1.447	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/22/86-04/13/87	4	7.7	7.4	8.5	5.7	1.533	1.238	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/22/86-04/13/87	4	1.05	1.	1.2	0.7	0.047	0.216	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/86-04/13/87	4	7.5	7.513	7.75	7.3	0.034	0.184	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/86-04/13/87	4	7.5	7.484	7.75	7.3	0.035	0.187	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/86-04/13/87	4	0.032	0.033	0.05	0.018	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/22/86-04/13/87	4	7.85	7.85	8.	7.7	0.017	0.129	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/22/86-04/13/87	4	7.847	7.836	8.	7.7	0.017	0.13	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/86-04/13/87	4	0.014	0.015	0.02	0.01	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/22/86-04/13/87	4	11.5	13.25	25.	5.	72.25	8.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/22/86-04/13/87	4	23.5	22.	25.	16.	16.667	4.082	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/22/86-04/13/87	4	7.5	7.25	9.	5.	4.25	2.062	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/22/86-04/13/87	4	17.	14.75	18.	7.	27.583	5.252	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/22/86-04/13/87	4 ##	0.048	0.058	0.107	0.03	0.001	0.037	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/22/86-04/13/87	4	0.642	0.647	0.903	0.403	0.063	0.251	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/22/86-04/13/87	4	0.32	0.318	0.47	0.16	0.016	0.127	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/86-04/13/87	3	0.352	0.386	0.792	0.015	0.152	0.39	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/86-04/13/87	4	7345.5	8602.75	17709.	2011.	43304630.917	6580.625	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/22/86-04/13/87	4	0.485	0.51	0.84	0.23	0.065	0.255	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/22/86-10/20/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/20/86	2 ##	0.255	0.255	0.41	0.1	0.048	0.219	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/22/86-10/20/86	2	89.	89.	132.	46.	3698.	60.811	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/22/86-10/20/86	2	11.05	11.05	20.8	1.3	190.125	13.789	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/22/86-10/20/86	2	413.	413.	521.	305.	23328.	152.735	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/22/86-10/20/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/22/86-10/20/86	2	15.28	15.28	28.3	2.26	339.041	18.413	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/22/86-10/20/86	2	177.35	177.35	343.	11.7	54879.845	234.264	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/22/86-10/20/86	2	15.5	15.5	19.	12.	24.5	4.95	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: TIMU0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	09/22/86-10/20/86	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/22/86-10/20/86	2 ##	4.59	4.59	8.18	1.	25.776	5.077	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/22/86-10/20/86	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/22/86-04/13/87	4	300.	602.5	1700.	110.	543358.333	737.128	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/22/86-04/13/87	4	2.477	2.557	3.23	2.041	0.244	0.494	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			360.181								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/22/86-04/13/87	4	60.	210.	700.	20.	107333.333	327.618	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/22/86-04/13/87	4	1.753	1.913	2.845	1.301	0.447	0.668	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			81.812								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/22/86-07/20/87	5	4.27	3.75	7.05	1.2	5.343	2.312	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	1	16.96	16.96	16.96	16.96	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	1	46.36	46.36	46.36	46.36	0.	0.	**	**	**	**
71488	MACROINVERTEBRATES,BENTHIC,TOTAL NO/M2	04/13/87-04/13/87	1	570.	570.	570.	570.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/22/86-04/13/87	4	8.25	7.875	10.	5.	6.396	2.529	**	**	**	**
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	1	16.24	16.24	16.24	16.24	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	1	25.14	25.14	25.14	25.14	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	1	11.36	11.36	11.36	11.36	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	09/22/86-04/13/87	3	2.534	2.359	2.75	1.792	0.252	0.502	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	09/22/86-04/13/87	3	8.	8.	12.	4.	16.	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: TIMU0394

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00	2	0	0.00						
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	4	1.00	2	2	1.00	2	2	1.00						
		Drinking Water	250.	4	4	1.00	2	2	1.00	2	2	1.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00	2	2	1.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	1	0.25	2	0	0.00	2	1	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	1	0.25	2	0	0.00	2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0395

NPS Station ID: TIMU0395 | LAT/LON: 30.404948/ -81.605170 | Agency: 21FLA | Date Created: / /
Location: ST JOHNS R BUOY 59 NAVY DEPT | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 20030043
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103002 | RF1 Mile Point: 29.190 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103259800.00 | RF3 Mile Point: 1.91 | Distance from RF3: 0.12 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER MIDSTREAM BUOY #59 OFFSHORE FROM NAVY DEPARTMENT

Parameter Inventory for Station: TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	72	4.	4.986	10.	1.	6.774	2.603	4.	4.	4.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	65	24.	22.337	31.	12.	33.823	5.816	14.	16.9	27.5	29.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	69	14.	16.787	142.	1.	309.473	17.592	8.	10.	18.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	59	55.	77.966	450.	25.	4270.792	65.351	40.	45.	80.	150.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/19/77-12/19/77	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	70	5.25	5.506	8.1	2.2	2.185	1.478	3.81	4.4	6.9	7.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/12/72-08/13/73	16	74.65	75.306	92.2	51.4	126.259	11.237	56.09	69.325	85.7	91.57
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	68	1.1	2.313	60.	0.	52.403	7.239	0.09	0.525	1.775	3.8
00400	PH (STANDARD UNITS)	10/14/68-07/20/72	54	7.4	7.393	7.9	6.6	0.074	0.271	7.1	7.2	7.6	7.75
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-07/20/72	54	7.4	7.303	7.9	6.6	0.082	0.286	7.1	7.2	7.6	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-07/20/72	54	0.04	0.05	0.251	0.013	0.002	0.039	0.018	0.025	0.063	0.079
00403	PH, LAB, STANDARD UNITS SU	08/14/72-12/19/77	15	7.3	7.407	8.	7.	0.085	0.291	7.06	7.2	7.6	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/72-12/19/77	15	7.3	7.328	8.	7.	0.092	0.303	7.06	7.2	7.6	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/72-12/19/77	15	0.05	0.047	0.1	0.01	0.001	0.026	0.014	0.025	0.063	0.088
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/19/77-12/19/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/72-12/19/77	8	18.5	20.375	42.	12.	90.839	9.531	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	8.	8.429	18.	2.	24.619	4.962	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/18/72-07/20/72	7	11.	11.857	24.	4.	45.143	6.719	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/19/77-12/19/77	1	1.369	1.369	1.369	1.369	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/19/77-12/19/77	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/19/77-12/19/77	1	0.522	0.522	0.522	0.522	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/19/77-12/19/77	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/19/77-12/19/77	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	70	4300.	4575.243	15000.	5.	17519071.114	4185.579	11.	153.75	7675.	10770.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/19/77-12/19/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/19/77-12/19/77	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/19/77-12/19/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/19/77-12/19/77	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/19/77-12/19/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/19/77-12/19/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/19/77-12/19/77	1	2.778	2.778	2.778	2.778	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			600.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	67	910.	7133.066	130000.	0.2	411669515.718	20289.641	2.	4.	4300.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	67	2.959	2.41	5.114	-0.699	2.498	1.58	0.301	0.602	3.633	4.109
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			257.184								

** - 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 time series plot

Parameter Inventory for Station: TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/19/77-12/19/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/19/77-12/19/77	1	2.23	2.23	2.23	2.23	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			170.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0395

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	69	3	0.04	36	1	0.03	33	2	0.06						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	70	11	0.16	38	9	0.24	32	2	0.06						
00400	PH	Marine Chronic	8.5	54	0	0.00	28	0	0.00	26	0	0.00						
		Other-Lo Lim.	6.5	54	0	0.00	28	0	0.00	26	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	15	0	0.00	8	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	15	0	0.00	8	0	0.00	7	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	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						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	67	32	0.48	36	22	0.61	31	10	0.32						
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

Annual Analysis for 1968 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	3	26.	22.333	26.	15.	40.333	6.351	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	3	8.	8.667	10.	8.	1.333	1.155	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	3	150.	150.	150.	150.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	3	4.8	5.5	7.4	4.3	2.77	1.664	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	3	1.2	1.2	1.3	1.1	0.01	0.1	**	**	**	**
00400	PH (STANDARD UNITS)	10/14/68-07/20/72	3	7.3	7.5	7.9	7.3	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-07/20/72	3	7.3	7.425	7.9	7.3	0.129	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-07/20/72	3	0.05	0.038	0.05	0.013	0.	0.022	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	3	9100.	8900.	10500.	7100.	2920000.	1708.801	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	3	2300.	2443.333	4300.	730.	3201633.333	1789.311	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	3	3.362	3.286	3.633	2.863	0.153	0.391	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1932.738								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	12	4.	4.	4.	4.	0.	0.	4.	4.	4.	4.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	11	22.	21.909	31.	13.	45.691	6.76	13.2	15.	28.	30.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	12	16.	32.	142.	10.	1384.	37.202	11.2	14.5	43.5	114.4
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	12	95.	135.	450.	35.	12459.091	111.62	42.5	70.	168.75	375.
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	11	5.3	5.364	7.1	4.	1.363	1.167	4.	4.4	6.6	7.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	12	0.95	0.975	1.8	0.5	0.137	0.37	0.5	0.725	1.1	1.68
00400	PH (STANDARD UNITS)	10/14/68-07/20/72	12	7.3	7.35	7.6	7.1	0.025	0.157	7.13	7.225	7.475	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-07/20/72	12	7.3	7.325	7.6	7.1	0.025	0.159	7.13	7.225	7.475	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-07/20/72	12	0.05	0.047	0.079	0.025	0.	0.016	0.025	0.034	0.06	0.075
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	11	3100.	3016.545	8050.	8.	9181784.273	3030.146	8.6	13.	5900.	7720.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	12	6.	1256.417	9300.	2.	7999918.083	2828.413	2.	2.	1060.75	7800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	12	0.753	1.373	3.968	0.301	1.973	1.405	0.301	0.301	2.768	3.868
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.582								

** - 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 1970 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	13	4.	4.	4.	4.	0.	0.	4.	4.	4.	4.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	13	22.	21.692	29.	13.	31.564	5.618	14.2	16.	26.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	13	12.	13.077	22.	8.	19.077	4.368	8.	9.	16.	20.4
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	13	60.	68.077	150.	25.	1748.077	41.81	25.	40.	87.5	150.
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	13	5.3	5.654	8.	3.8	2.139	1.463	3.92	4.45	7.2	7.88
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	13	1.6	2.169	5.3	0.8	1.869	1.367	0.92	1.2	3.35	4.7
00400	PH (STANDARD UNITS)	10/14/68-07/20/72	13	7.4	7.415	7.7	7.1	0.043	0.208	7.14	7.2	7.6	7.66
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-07/20/72	13	7.4	7.37	7.7	7.1	0.045	0.213	7.14	7.2	7.6	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-07/20/72	13	0.04	0.043	0.079	0.02	0.	0.02	0.022	0.025	0.063	0.073
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	13	1900.	2943.231	9400.	7.	13042231.526	3611.403	7.4	10.5	6700.	9120.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	13	29.	930.308	4300.	2.	2228444.064	1492.797	2.	4.	1605.	4020.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	13	1.462	1.86	3.633	0.301	1.695	1.302	0.301	0.602	3.16	3.603
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.493								

** - 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 1971 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	13	4.	4.	4.	4.	0.	0.	4.	4.	4.	4.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	13	20.	22.769	31.	15.	26.526	5.15	15.8	19.	28.	30.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	13	16.	19.077	33.	12.	48.577	6.97	12.	14.	23.	32.2
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	13	50.	61.154	160.	40.	996.474	31.567	40.	45.	60.	128.
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	13	4.3	5.123	8.1	2.2	4.07	2.017	2.52	3.5	7.25	8.02
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	13	1.1	2.285	6.2	0.2	4.845	2.201	0.28	0.7	4.45	6.08
00400	PH (STANDARD UNITS)	10/14/68-07/20/72	13	7.4	7.362	7.7	6.9	0.064	0.253	6.94	7.15	7.6	7.66
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-07/20/72	13	7.4	7.29	7.7	6.9	0.07	0.264	6.94	7.15	7.6	7.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-07/20/72	13	0.04	0.051	0.126	0.02	0.001	0.033	0.022	0.025	0.071	0.116
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	13	15.	2756.308	9700.	5.	14253295.397	3775.354	5.8	12.5	6050.	9660.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	13	150.	4323.462	39000.	2.	115763758.769	10759.357	2.	2.	3300.	27120.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	13	2.176	2.014	4.591	0.301	2.506	1.583	0.301	0.301	3.498	4.342
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			103.24								

** - 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 TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	22	10.	7.545	10.	1.	11.688	3.419	1.9	4.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	19	25.	22.9	30.	12.	37.979	6.163	12.1	18.	28.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	19	10.	11.684	23.	4.	28.117	5.303	7.	8.	14.	22.
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	15	50.	48.667	60.	35.	69.524	8.338	38.	40.	55.	60.
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	22	5.3	5.573	8.	3.	1.794	1.34	3.93	4.675	6.55	7.84
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	18	0.7	4.322	60.	0.	194.224	13.936	0.	0.25	1.8	9.33
00400	PH (STANDARD UNITS)	10/14/68-07/20/72	13	7.5	7.415	7.9	6.6	0.168	0.41	6.68	7.15	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-07/20/72	13	7.5	7.218	7.9	6.6	0.21	0.459	6.68	7.15	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-07/20/72	13	0.032	0.061	0.251	0.013	0.005	0.07	0.013	0.016	0.071	0.214
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	22	4950.	6041.409	11800.	11.	15777161.777	3972.048	1110.	2725.	10350.	11770.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	18	2300.	15528.3	130000.	0.21277485966.533		35741.936	0.2	80.5	7950.	96700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	18	3.362	2.943	5.114	-0.699	2.678	1.636	-0.699	1.885	3.898	4.983
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			877.078								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	8	4.	3.5	5.	1.	2.571	1.604	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	5	21.	22.8	30.	14.	49.7	7.05	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	8	13.5	13.	25.	1.	73.143	8.552	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-06/11/73	3	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/14/68-08/13/73	8	5.55	5.9	8.1	4.3	2.24	1.497	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	8	0.4	0.638	2.5	0.	0.751	0.867	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-08/13/73	8	5300.	6672.5	15000.	520.	29905707.143	5468.611	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-08/13/73	8	8400.	13462.5	43000.	4300.	181471250.	13471.127	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-08/13/73	8	3.922	3.977	4.633	3.633	0.136	0.369	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9490.539								

** - 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

Annual Analysis for 1977 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	39	4.	5.846	10.	1.	9.291	3.048	4.	4.	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	33	27.	27.455	31.	24.	3.818	1.954	25.	26.	29.	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	36	12.5	16.778	142.	1.	500.121	22.363	6.1	8.5	16.	23.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	35	1.1	1.257	3.8	0.	0.965	0.982	0.16	0.6	1.7	2.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/14/68-12/19/77	33	4.	3.97	10.	1.	2.03	1.425	2.2	4.	4.	4.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-12/19/77	32	16.9	17.059	22.	12.	9.256	3.042	13.	14.25	20.	21.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-12/19/77	33	14.	16.797	50.	4.3	110.623	10.518	8.	10.	20.	30.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-12/19/77	33	1.2	3.433	60.	0.	106.18	10.304	0.	0.5	2.4	5.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0396

NPS Station ID: TIMU0396
LAT/LON: 30.418059/ -81.605560
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: ST JOHNS RIVER AT BROWARD RIVER
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RR0002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 03080103250200.00
RF3 Mile Point: 0.03
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/83-11/04/86	23	22.	21.926	30.	12.6	32.197	5.674	12.82	18.	27.	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/05/83-11/04/86	21	22000.	20885.714	33200.	8300.	63843285.714	7990.199	9080.	13550.	28000.	31540.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/83-11/04/86	23	7.6	7.613	10.2	5.5	1.692	1.301	5.92	6.5	8.8	9.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/05/83-12/14/83	2	1.85	1.85	3.2	0.5	3.645	1.909	**	**	**	**
00400	PH (STANDARD UNITS)	10/05/83-11/04/86	14	7.	6.868	7.5	5.8	0.17	0.412	6.05	6.763	7.1	7.35
00400	CONVERTED PH (STANDARD UNITS)	10/05/83-11/04/86	14	7.	6.614	7.5	5.8	0.239	0.489	6.05	6.762	7.1	7.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/83-11/04/86	14	0.1	0.243	1.585	0.032	0.162	0.403	0.047	0.079	0.175	1.043
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/83-11/04/86	14	43.5	47.143	91.	21.	449.055	21.191	21.5	32.75	57.	88.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/83-12/14/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/83-11/04/86	14 ##	0.018	0.036	0.106	0.006	0.001	0.037	0.006	0.007	0.07	0.104
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/83-12/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/83-11/04/86	14	0.165	0.178	0.38	0.03	0.011	0.106	0.045	0.08	0.255	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/83-11/04/86	13	0.115	0.125	0.211	0.063	0.002	0.046	0.07	0.089	0.165	0.202
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/83-11/04/86	14	10140.	9648.571	14800.	4100.	10741643.956	3277.445	4950.	6575.	12225.	14100.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	10/05/83-11/04/86	14	205.	208.071	360.	81.	4819.148	69.42	105.5	162.5	248.5	320.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	10/05/83-11/04/86	14 ##	16.	16.893	40.	0.5	136.084	11.665	3.	7.25	22.25	39.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	10/05/83-11/04/86	14 ##	1.25	1.75	5.	0.5	2.067	1.438	0.5	0.5	3.	4.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	10/05/83-11/04/86	14 ##	9.5	14.821	51.	1.	223.062	14.935	1.5	4.375	22.5	43.5
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/85-11/04/86	4	4.5	4.875	10.	0.5	23.396	4.837	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	10/05/83-11/04/86	14	10.	27.75	109.	2.	999.721	31.618	3.5	7.375	48.	86.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/05/83-11/04/86	12	200.	600.25	2400.	33.	692508.023	832.171	62.1	170.	540.	2370.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/05/83-11/04/86	12	2.299	2.473	3.38	1.519	0.276	0.525	1.697	2.23	2.732	3.375
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			296.955								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-11/04/86	14	64.5	257.857	2400.	1.	386411.824	621.62	12.	32.25	190.	1325.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/05/83-11/04/86	14	1.798	1.844	3.38	0.	0.553	0.744	0.681	1.508	2.277	2.889
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			69.764								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	07/08/86-07/08/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/05/83-11/04/86	14	4.	4.829	16.	1.6	12.522	3.539	1.8	2.975	5.625	11.5

** - 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: TIMU0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	23	0	0.00	13	0	0.00	10	0	0.00						
00400	PH	Marine Chronic	8.5	14	0	0.00	8	0	0.00	6	0	0.00						
		Other-Lo Lim.	6.5	14	2	0.14	8	0	0.00	6	2	0.33						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	14	0	0.00	8	0	0.00	6	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	14	0	0.00	8	0	0.00	6	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	14	0	0.00	8	0	0.00	6	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	12 &	11	0.92	7	7	1.00	5	4	0.80						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	2	0.17	7	1	0.14	5	1	0.20						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	3	0.21	8	1	0.13	6	2	0.33						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	14	0	0.00	8	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: TIMU0397

NPS Station ID: TIMU0397 LAT/LON: 30.400754/ -81.606338 Agency: 21FLDDPU Date Created: 09/23/95
Location: SJR EAST OF SPOIL ISLAND ACROSS FROM MARKER 60 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): JAXDPU10
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	60	21.9	21.542	30.2	11.5	36.293	6.024	13.5	16.025	27.8	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	17	26.5	24.776	31.	9.	33.086	5.752	15.4	20.6	29.	31.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	58	0.	16.81	90.	0.	845.349	29.075	0.	0.	22.5	75.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	60	0.69	0.712	1.32	0.	0.066	0.257	0.388	0.53	0.908	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	60	19038.5	18385.05	41900.	500.	104114226.387	10203.638	5248.7	10832.	26125.	32616.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	60	7.1	6.912	9.3	4.3	1.822	1.35	5.01	5.75	7.975	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/06/91-05/09/95	44	0.65	0.814	8.	0.	1.41	1.187	0.2	0.3	0.875	1.2
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	60	7.5	7.324	8.09	6.4	0.233	0.483	6.51	6.9	7.695	7.848
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	60	7.5	7.042	8.09	6.4	0.314	0.561	6.51	6.9	7.695	7.848
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	60	0.032	0.091	0.398	0.008	0.012	0.111	0.014	0.02	0.126	0.31
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	60	11.05	11.38	26.9	0.	44.592	6.678	2.54	6.1	16.9	20.45
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	60	18.5	19.417	48.	0.	66.891	8.179	11.	13.	24.75	29.9
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/91-07/12/95	45	0.94	0.971	1.62	0.5	0.067	0.259	0.67	0.77	1.14	1.336
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	60	0.03	0.046	0.17	0.	0.001	0.034	0.015	0.016	0.068	0.099
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	59	0.79	0.925	2.34	0.38	0.164	0.405	0.57	0.68	1.02	1.51
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	59	0.2	0.204	0.38	0.02	0.01	0.1	0.06	0.11	0.27	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	59	0.1	0.098	0.34	0.01	0.003	0.054	0.05	0.07	0.12	0.14
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	60	6623.	6534.517	16120.	0.	16722941.678	4089.369	880.8	3055.25	9809.5	11689.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	20.	20.	40.	0.	800.	28.284	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.325								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	44	195.	370.455	3000.	10.	321116.068	566.671	40.	130.	330.	800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/06/91-05/09/95	44	2.286	2.281	3.477	1.	0.266	0.515	1.602	2.114	2.518	2.903
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			190.86								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	45	40.	106.889	800.	10.	28499.192	168.817	10.	20.	110.	258.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/91-06/21/95	45	1.602	1.686	2.903	1.	0.284	0.533	1.	1.301	2.041	2.408
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			48.491								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/91-07/12/95	46	0.	0.15	3.8	0.	0.511	0.715	0.	0.	0.	0.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	60	0.07	0.072	0.38	0.	0.003	0.055	0.015	0.04	0.09	0.12
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	16 ##	0.575	1.084	2.	0.2	0.706	0.84	0.235	0.3	2.	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	60	6.55	6.78	21.	0.	20.463	4.524	0.	3.825	9.575	12.8
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	60	1.75	1.793	11.3	0.	3.512	1.874	0.	0.	2.375	3.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00	35	0	0.00	25	0	0.00						
00400	PH	Fresh Chronic	9.	60	0	0.00	35	0	0.00	25	0	0.00						
		Other-Lo Lim.	6.5	60	6	0.10	35	4	0.11	25	2	0.08						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	59	0	0.00	35	0	0.00	24	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	60	54	0.90	35	30	0.86	25	24	0.96						
		Drinking Water	250.	60	57	0.95	35	33	0.94	25	24	0.96						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	44	2	0.05	25	1	0.04	19	1	0.05						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	45	6	0.13	26	4	0.15	19	2	0.11						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	60	0	0.00	35	0	0.00	25	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1991 - Station TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	5	21.5	21.7	29.	14.	46.2	6.797	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	5	0.53	0.64	0.99	0.46	0.045	0.213	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	5	10700.	11180.	19700.	6400.	29027000.	5387.671	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	5	6.7	6.54	8.2	5.3	1.573	1.254	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.6	6.7	7.	6.4	0.06	0.245	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	5	6.6	6.647	7.	6.4	0.063	0.252	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	5	0.251	0.225	0.398	0.1	0.014	0.119	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	5	6.	7.	12.	4.	10.	3.162	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	5	13.	13.6	19.	11.	10.8	3.286	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	5	0.05	0.052	0.06	0.05	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	5	0.93	1.012	1.28	0.75	0.047	0.218	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	5	0.34	0.31	0.35	0.24	0.003	0.051	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	5	0.11	0.152	0.34	0.1	0.011	0.105	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	5	3899.	4331.2	7448.	2437.	4154884.2	2038.353	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	5	0.1	0.148	0.38	0.06	0.017	0.131	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	5	5.7	4.94	9.5	0.	12.993	3.605	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	5	2.1	4.32	11.3	1.2	17.162	4.143	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	17.8	19.509	29.	13.2	34.763	5.896	13.26	14.	26.2	28.7
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.61	0.685	0.91	0.38	0.04	0.201	0.396	0.53	0.91	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	20200.	18611.818	35400.	500.	95828036.364	9789.18	1930.	13150.	26300.	33760.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	7.2	7.136	9.3	5.2	2.221	1.49	5.22	5.3	8.2	9.24
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	6.7	6.736	7.4	6.4	0.087	0.294	6.42	6.5	6.9	7.32
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	6.7	6.663	7.4	6.4	0.092	0.304	6.42	6.5	6.9	7.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.2	0.217	0.398	0.04	0.013	0.112	0.052	0.126	0.316	0.382
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	11.	11.636	21.	0.	45.855	6.772	0.4	9.	18.	20.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	18.	16.909	26.	9.	31.891	5.647	9.2	11.	22.	25.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.03	0.052	0.1	0.025	0.001	0.036	0.025	0.025	0.1	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	11	0.79	0.784	1.07	0.57	0.025	0.158	0.58	0.65	0.86	1.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	11	0.18	0.193	0.35	0.05	0.012	0.109	0.052	0.1	0.27	0.348
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	11	0.11	0.105	0.16	0.05	0.001	0.033	0.05	0.1	0.12	0.156
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	7523.	7382.636	16120.	135.	19066260.055	4366.493	697.8	4873.	9872.	15132.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.09	0.098	0.15	0.02	0.002	0.041	0.024	0.08	0.13	0.148
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	5.8	4.936	14.8	0.	24.657	4.966	0.	0.	7.8	13.78
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	11	2.1	2.582	6.1	0.	3.934	1.983	0.	1.8	4.3	5.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	21.25	21.4	30.2	11.5	46.787	6.84	12.1	15.3	28.65	30.02
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.685	0.659	0.91	0.	0.073	0.27	0.114	0.55	0.893	0.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	19900.	22238.583	41900.	8900.	105360271.538	10264.515	9736.7	13255.	29997.25	40340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	6.7	6.65	8.7	4.3	2.546	1.596	4.42	5.	7.9	8.7
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.475	7.286	7.71	6.4	0.206	0.454	6.52	6.8	7.648	7.701
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.474	7.041	7.71	6.4	0.271	0.521	6.52	6.8	7.648	7.701

** - 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 1993 - Station TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.034	0.091	0.398	0.019	0.013	0.113	0.02	0.023	0.158	0.326
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	13.15	14.375	26.9	4.	46.68	6.832	4.81	8.725	19.425	25.79
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	20.	22.417	35.	13.	38.447	6.201	14.5	19.	26.25	34.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12	0.075	0.062	0.1	0.03	0.001	0.029	0.03	0.03	0.087	0.097
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.715	0.729	1.	0.51	0.026	0.161	0.513	0.595	0.828	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.2	0.188	0.31	0.06	0.006	0.078	0.066	0.113	0.255	0.295
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12	0.1	0.094	0.16	0.05	0.001	0.035	0.05	0.053	0.118	0.151
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	8447.5	8562.083	16120.	2874.	16687233.174	4085.001	3136.5	4905.	10872.	15557.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.08	0.078	0.12	0.03	0.001	0.024	0.039	0.06	0.098	0.114
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	3.4	4.183	11.	0.	14.885	3.858	0.	0.	7.7	10.16
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	12	0.	0.	0.	0.	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

Annual Analysis for 1994 - Station TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	11	22.7	23.282	29.8	13.5	30.52	5.524	14.2	17.1	27.5	29.68
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	11	0.61	0.706	1.3	0.38	0.071	0.266	0.396	0.46	0.9	1.222
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	11	20899.	17116.636	29315.	4620.	85281960.455	9234.823	4806.	7241.	23255.	29277.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	11	6.6	6.745	8.8	4.6	1.931	1.39	4.68	5.7	8.2	8.68
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.73	7.722	8.09	7.36	0.055	0.234	7.372	7.49	7.92	8.062
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	11	7.73	7.665	8.09	7.36	0.058	0.241	7.372	7.49	7.92	8.062
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	11	0.019	0.022	0.044	0.008	0.	0.012	0.009	0.012	0.032	0.043
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	11	12.5	10.236	18.1	2.5	33.965	5.828	2.62	4.	14.	18.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	11	18.	19.273	29.	0.	75.218	8.673	2.8	15.	29.	29.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	11 ##	0.015	0.032	0.09	0.	0.001	0.028	0.003	0.015	0.06	0.086
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	10	0.63	0.674	1.04	0.38	0.038	0.195	0.393	0.57	0.785	1.031
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	10	0.16	0.18	0.38	0.02	0.015	0.122	0.024	0.09	0.288	0.379
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	10	0.09	0.086	0.14	0.03	0.001	0.037	0.032	0.05	0.12	0.138
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	11	6998.	5026.818	10184.	0.	14982285.164	3870.696	150.	1500.	7623.	10171.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	11	0.07	0.059	0.12	0.	0.001	0.038	0.003	0.015	0.08	0.114
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	11	9.9	9.364	17.	3.5	16.551	4.068	3.56	6.9	11.	16.4
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	11	1.7	1.682	4.	0.	1.366	1.169	0.	0.9	2.1	3.8

** - 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 TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	12	23.	22.2	29.	13.2	35.813	5.984	13.89	16.45	28.825	29.
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	11	60.	51.364	90.	10.	845.455	29.077	11.	20.	75.	88.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	12	0.655	0.74	1.32	0.32	0.101	0.317	0.362	0.51	0.955	1.314
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	12	20473.5	17681.833	32745.	998.	139647961.424	11817.274	1601.6	5275.25	28590.25	31620.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	12	7.4	6.975	8.	4.8	1.3	1.14	4.95	6.05	7.9	8.
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.635	7.648	7.91	7.47	0.018	0.133	7.473	7.55	7.748	7.871
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	12	7.635	7.629	7.91	7.47	0.018	0.135	7.473	7.55	7.747	7.871
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	12	0.023	0.023	0.034	0.012	0.	0.007	0.014	0.018	0.028	0.034
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	12	12.25	10.725	20.5	0.5	55.26	7.434	0.83	2.925	17.6	19.72
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	12	13.5	17.083	30.	8.	58.811	7.669	8.3	11.25	25.5	29.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	12 ##	0.023	0.037	0.12	0.015	0.001	0.031	0.015	0.015	0.05	0.102
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	12	0.87	1.137	2.1	0.55	0.316	0.562	0.595	0.73	1.818	2.049
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	12	0.22	0.216	0.38	0.07	0.01	0.098	0.082	0.125	0.288	0.365
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	12 ##	0.075	0.082	0.12	0.07	0.	0.018	0.07	0.071	0.086	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	12	6591.5	6046.5	11746.	238.	18263474.818	4273.579	410.2	1663.25	10184.5	11333.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	12	0.06	0.054	0.1	0.015	0.001	0.029	0.015	0.021	0.075	0.097
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	12	6.35	6.675	11.	4.5	3.522	1.877	4.65	5.5	6.975	10.58
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	12	2.05	1.917	2.6	0.	0.527	0.726	0.45	1.55	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 box-and-whisker plot

Annual Analysis for 1996 - Station TIMU0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/91-12/04/96	9	22.6	21.122	28.9	12.5	38.644	6.216	12.5	14.7	27.25	28.9
00032	CLOUD COVER (PERCENT)	08/06/91-12/04/96	8	45.	51.25	90.	20.	869.643	29.49	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/91-12/04/96	9	0.86	0.828	1.2	0.38	0.063	0.251	0.38	0.645	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/91-12/04/96	9	18792.	19460.556	39504.	2462.	131009078.528	11445.92	2462.	13004.	27600.5	39504.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/91-12/04/96	9	6.9	7.311	9.	5.1	1.694	1.301	5.1	6.5	8.75	9.
00400	PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.57	7.521	7.85	6.97	0.068	0.26	6.97	7.38	7.68	7.85
00400	CONVERTED PH (STANDARD UNITS)	08/06/91-12/04/96	9	7.57	7.439	7.85	6.97	0.075	0.274	6.97	7.38	7.68	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/91-12/04/96	9	0.027	0.036	0.107	0.014	0.001	0.029	0.014	0.021	0.043	0.107
00480	SALINITY - PARTS PER THOUSAND	08/06/91-12/04/96	9	11.1	11.778	25.2	1.3	55.767	7.468	1.3	7.5	17.	25.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/91-12/04/96	9	19.	25.	48.	13.	133.75	11.565	13.	16.	33.5	48.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/91-12/04/96	9	0.02	0.042	0.17	0.005	0.003	0.052	0.005	0.005	0.055	0.17
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/91-12/04/96	9	1.18	1.31	2.34	0.87	0.218	0.467	0.87	0.95	1.565	2.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/91-12/04/96	9	0.21	0.192	0.33	0.04	0.009	0.096	0.04	0.105	0.275	0.33
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/91-12/04/96	9	0.09	0.101	0.31	0.01	0.008	0.09	0.01	0.033	0.13	0.31
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/91-12/04/96	9	6123.	6512.	13621.	625.	16963234.5	4118.645	625.	4124.	9559.5	13621.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/91-12/04/96	9	0.03	0.031	0.08	0.005	0.001	0.025	0.005	0.008	0.045	0.08
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/91-12/04/96	9	8.3	10.5	21.	5.6	25.933	5.092	5.6	6.3	14.	21.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/06/91-12/04/96	9	1.7	1.789	2.5	1.1	0.264	0.513	1.1	1.35	2.3	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 box-and-whisker plot

Station Inventory for Station: TIMU0398

NPS Station ID: TIMU0398
LAT/LON: 30.408420/ -81.606753
Agency: 21FLA
Date Created: / /
Location: JACKSONVILLE SEWER DIST #2 STP
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/MUN/OUTFL/AMBNT/ESTURY
STORET Station ID(s): 20030361
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103008
RF1 Mile Point: 2.420
Distance from RF1: 29.10
On/Off RF1: OFF
RF3 Index: 03080103260700.00
RF3 Mile Point: 0.99
Distance from RF3: 0.16
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: STP EFF, JAX SEWER DIST #2 STP JACKSONVILLE SEWER DIST #2 STP OUTFALL PLUME DUVAL COUNTY

Parameter Inventory for Station: TIMU0398

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0399

NPS Station ID: TIMU0399 LAT/LON: 30.406337/ -81.607949 Agency: 21FLA Date Created: / /
Location: ST JOHNS R NAVIGATION MARKER 60 /NR MKR 61 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO STORET Station ID(s): 20030062 / LSJR29
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 40 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: ST JOHNS ECO Region:
RF1 Index: 03080103002 RF1 Mile Point: 29.430 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03080103250200.00 RF3 Mile Point: 0.58 Distance from RF3: 0.06 On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER AT DRUMMOND POINT AT NAVIGATION MARKER #60 /LSJR NEAR MARKER 61

Parameter Inventory for Station: TIMU0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/86-07/20/88	33	20.	17.818	40.	1.	88.653	9.416	1.4	13.	21.	27.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/86-04/13/87	3	18.5	18.5	22.	15.	12.25	3.5	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/20/86-08/20/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/20/86-07/20/88	21	8.7	10.624	21.	2.7	32.224	5.677	2.88	7.	16.	20.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/86-04/13/87	4	0.85	0.875	1.2	0.6	0.062	0.25	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/20/86-07/20/88	22	57.5	67.273	140.	30.	904.113	30.068	33.	47.5	80.	120.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/86-04/13/87	2	24350.	24350.	42500.	6200.	658845000.	25667.976	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/86-05/10/88	8	27300.	26762.5	36900.	11500.	65496964.286	8093.019	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/86-04/13/87	3	8.4	8.3	9.2	7.3	0.91	0.954	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/86-10/20/86	2	6.1	6.1	7.	5.2	1.62	1.273	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/86-06/23/87	4	7.75	7.715	7.9	7.46	0.049	0.221	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/86-06/23/87	4	7.725	7.673	7.9	7.46	0.051	0.226	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/86-06/23/87	4	0.019	0.021	0.035	0.013	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/86-05/10/88	19	7.9	7.9	8.	7.7	0.009	0.094	7.8	7.8	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/86-05/10/88	19	7.9	7.89	8.	7.7	0.009	0.095	7.8	7.8	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/86-05/10/88	19	0.013	0.013	0.02	0.01	0.	0.003	0.01	0.01	0.016	0.016
00480	SALINITY - PARTS PER THOUSAND	10/20/86-04/13/87	3	8.	14.667	30.	6.	177.333	13.317	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/20/88-07/20/88	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/86-05/10/88	8	0.068	0.063	0.087	0.03	0.	0.022	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/87-06/23/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/86-05/10/88	3	0.1	0.133	0.22	0.08	0.006	0.076	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/86-05/10/88	4	13669.	11332.5	15377.	2615.	34532023.	5876.395	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/86-07/20/88	22	0.59	0.531	0.83	0.13	0.035	0.186	0.191	0.41	0.663	0.763
01027	CADMIUM, TOTAL (UG/L AS CD)	08/20/86-10/20/86	2 ##	18.75	18.75	35.	2.5	528.125	22.981	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	2 ##	0.355	0.355	0.61	0.1	0.13	0.361	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/86-10/20/86	2	117.	117.	145.	89.	1568.	39.598	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/20/86-10/20/86	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/20/86-10/20/86	2	267.5	267.5	311.	224.	3784.5	61.518	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/20/86-10/20/86	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/20/86-10/20/86	2 ##	6.15	6.15	10.8	1.5	43.245	6.576	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/20/86-10/20/86	2	8.265	8.265	10.3	6.23	8.282	2.878	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/20/86-10/20/86	2 ##	16.5	16.5	28.	5.	264.5	16.263	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/20/86-10/20/86	2 ##	30.	30.	40.	20.	200.	14.142	**	**	**	**

** - 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

Parameter Inventory for Station: TIMU0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/20/86-10/20/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/86-10/20/86	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/20/86-10/20/86	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/20/86-10/20/86	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			300.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-07/20/88	21	50.	171.81	1600.	1.	127815.062	357.512	2.6	18.5	120.	500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/86-07/20/88	21	1.699	1.657	3.204	0.	0.618	0.786	0.191	1.266	2.078	2.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.365								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/20/86-07/15/87	5	4.58	5.538	14.56	0.67	29.364	5.419	**	**	**	**
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	10/20/86-10/20/86	1	4.42	4.42	4.42	4.42	0.	0.	**	**	**	**
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	10/20/86-10/20/86	1	94.34	94.34	94.34	94.34	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	08/20/86-07/20/88	25	40.	40.	45.	30.	13.167	3.629	34.2	38.	42.	45.
80096	SEDIMENT PRCTL.SIZE CLASS ORGANIC MATTER %DRYWT	10/20/86-10/20/86	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	10/20/86-10/20/86	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	10/20/86-10/20/86	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	10/20/86-10/20/86	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: TIMU0399

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	21	0	0.00	11	0	0.00	10	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Marine Chronic	8.5	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	19	0	0.00	9	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	19	0	0.00	9	0	0.00	10	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	2	2	1.00	2	2	1.00									
01051	LEAD, TOTAL	Marine Acute	220.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	2	0	0.00	2	0	0.00									
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.	21	4	0.19	10	0	0.00	11	4	0.36						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0400

NPS Station ID: TIMU0400
Location: SJR AT MARKER 60
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin:
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103010402.68
Description:

LAT/LON: 30.406393/ -81.608059
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 3.16

Agency: 21FLSJWM
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): JAXSJR14
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 16.10
Distance from RF3: 0.58

Date Created: 01/10/98
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/94-03/22/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	79	0.045	0.051	0.135	0.004	0.001	0.036	0.005	0.017	0.083	0.094
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	87	0.052	0.058	0.138	-0.002	0.001	0.037	0.015	0.031	0.093	0.129
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/94-08/26/97	79	0.658	0.66	1.16	0.045	0.065	0.255	0.31	0.49	0.87	0.95
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	89	0.83	0.834	1.51	0.04	0.094	0.306	0.49	0.595	1.05	1.21
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/22/94-03/22/94	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	89	0.124	0.127	0.275	0.069	0.001	0.036	0.086	0.099	0.143	0.176
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/94-08/26/97	73	0.087	0.088	0.15	0.045	0.	0.02	0.062	0.075	0.1	0.112
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	98	10.55	11.352	24.5	4.	24.784	4.978	5.48	7.775	14.	18.77
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	98	10.25	10.863	23.	1.6	22.865	4.782	5.47	7.25	12.825	18.43
00940	CHLORIDE,TOTAL IN WATER MG/L	03/22/94-03/22/94	1	4140.	4140.	4140.	4140.	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/02/94-08/26/97	45	4.45	5.947	25.05	2.55	18.563	4.308	2.772	3.42	6.975	10.274
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/03/94-08/26/97	83	2.67	3.265	12.03	1.34	2.974	1.725	1.78	2.14	3.74	5.346
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-08/26/97	86	0.265	0.098	1.05	-0.22	0.044	0.209	0.03	0.109	-0.04	-0.107
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/03/94-08/26/97	88	0.55	0.588	3.07	-0.02	0.269	0.519	0.144	0.235	0.72	1.133
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-08/26/97	83	2.89	3.365	13.41	0.43	5.897	2.428	1.152	1.71	3.98	6.276
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-07/31/97	85	1.38	1.37	1.61	1.13	0.014	0.119	1.21	1.28	1.45	1.534
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/22/94-03/22/94	1	8050.	8050.	8050.	8050.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/22/94-03/22/94	1	0.058	0.058	0.058	0.058	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0400

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00				1	1	1.00						
		Drinking Water	250.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1994 - Station TIMU0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	13	0.035	0.067	0.138	0.012	0.002	0.05	0.014	0.024	0.116	0.137
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	13	0.79	0.703	1.19	0.04	0.15	0.387	0.104	0.29	1.03	1.178
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	13	0.117	0.126	0.234	0.075	0.002	0.046	0.078	0.089	0.153	0.21
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	9	22.6	20.356	24.5	14.5	18.568	4.309	14.5	14.8	23.65	24.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	9	21.6	19.544	23.	14.8	12.893	3.591	14.8	15.2	22.85	23.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/03/94-08/26/97	10	3.12	4.553	12.03	1.6	11.731	3.425	1.654	2.14	7.148	11.682
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/03/94-08/26/97	12	0.68	0.981	3.07	0.01	1.098	1.048	0.054	0.231	1.443	3.046
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-07/31/97	11	1.39	1.357	1.6	1.13	0.025	0.157	1.142	1.21	1.49	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 1995 - Station TIMU0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	12	0.048	0.045	0.078	0.01	0.001	0.023	0.011	0.021	0.062	0.077
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	12	1.175	1.127	1.51	0.751	0.065	0.255	0.756	0.92	1.32	1.486
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	12	0.16	0.165	0.275	0.118	0.002	0.043	0.118	0.134	0.184	0.251
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	22	11.5	13.009	22.2	5.7	28.329	5.323	6.99	8.2	18.625	19.47
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	22	11.2	12.5	19.4	5.7	25.764	5.076	6.83	7.6	18.125	18.98
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/03/94-08/26/97	10	2.275	2.889	6.15	1.34	2.759	1.661	1.34	1.738	4.143	6.07
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/03/94-08/26/97	10 ##	0.178	0.331	1.11	0.09	0.105	0.325	0.094	0.13	0.535	1.06
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-07/31/97	11	1.44	1.431	1.61	1.18	0.018	0.135	1.2	1.32	1.54	1.604

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station TIMU0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	34	0.064	0.057	0.111	-0.002	0.001	0.034	0.02	0.04	0.095	0.108
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	35	0.806	0.795	1.25	0.3	0.072	0.269	0.454	0.53	1.04	1.148
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	35	0.107	0.114	0.187	0.076	0.001	0.025	0.086	0.097	0.127	0.146
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	38	10.75	10.442	17.9	4.3	11.999	3.464	5.4	7.225	12.675	15.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	38	10.35	9.774	15.9	1.6	12.324	3.511	4.71	6.95	12.55	13.96
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/03/94-08/26/97	38	2.67	3.118	6.68	1.34	1.664	1.29	1.762	2.335	3.538	5.097
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/03/94-08/26/97	38	0.48	0.551	1.73	0.18	0.123	0.351	0.209	0.303	0.69	0.896
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-07/31/97	38	1.32	1.346	1.61	1.15	0.014	0.12	1.21	1.258	1.433	1.561

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/94-08/26/97	28	0.043	0.06	0.137	0.005	0.002	0.04	0.009	0.034	0.09	0.131
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/94-08/26/97	29	0.67	0.819	1.46	0.46	0.07	0.264	0.55	0.595	1.04	1.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/94-08/26/97	29	0.126	0.128	0.208	0.069	0.001	0.031	0.088	0.11	0.145	0.176
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/27/94-08/26/97	29	8.5	8.493	12.4	4.	5.647	2.376	5.	7.	10.55	11.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/94-08/26/97	29	8.4	8.355	12.7	4.	5.464	2.338	5.	6.6	10.4	11.2
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/03/94-08/26/97	25	2.94	3.124	6.68	1.67	1.358	1.166	1.948	2.34	3.605	4.86
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/03/94-08/26/97	28	0.62	0.561	1.25	-0.02	0.121	0.348	0.124	0.259	0.775	1.169
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-07/31/97	25	1.39	1.384	1.5	1.21	0.007	0.082	1.244	1.34	1.445	1.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0401

NPS Station ID: TIMU0401
LAT/LON: 30.574392/ -81.608948
Agency: 21FLA
Date Created: / /
Location: NASSAU RIV US 17
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205003
RF1 Mile Point: 1.670
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070204076501.94
RF3 Mile Point: 2.34
Distance from RF3: 0.31
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, NASSAU NASSAU RIVER AT US 17 NASSAU COUNTY

Parameter Inventory for Station: TIMU0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/17/61-11/16/87	25	3.	3.48	12.	0.	14.677	3.831	0.	0.5	4.5	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/61-11/16/87	15	21.	22.14	30.	16.	11.998	3.464	17.8	20.1	24.5	28.2
00055	VELOCITY, STREAM FT/SEC	07/12/78-11/16/87	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/19/62-11/08/65	4	28.5	29.	40.	19.	82.	9.055	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/18/76-11/16/87	10	5.4	7.71	17.	2.	29.777	5.457	2.07	3.225	13.	16.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/18/76-11/16/87	10	0.55	0.579	1.	0.3	0.051	0.227	0.305	0.35	0.785	0.98
00080	COLOR (PLATINUM-COBALT UNITS)	03/19/62-07/13/64	3	160.	160.	200.	120.	1600.	40.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/18/76-11/16/87	10	200.	187.	400.	10.	10823.333	104.035	19.	115.	242.5	385.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/04/78-11/16/87	4	3081.5	5062.	14000.	85.	43179472.667	6571.109	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/76-11/16/87	11	9400.	11289.273	33500.	157.	90643830.818	9520.705	180.6	5600.	15000.	30800.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/04/77-11/16/87	4	8.1	7.575	9.7	4.4	5.109	2.26	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/17/61-11/16/87	14	5.55	5.643	9.	2.1	2.89	1.7	3.05	4.775	6.525	8.45
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/17/61-07/13/64	4	58.	61.5	79.	51.	149.667	12.234	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/08/65-11/16/87	11	1.1	2.018	6.6	0.5	3.962	1.99	0.54	0.8	3.3	6.22
00400	PH (STANDARD UNITS)	10/17/61-11/16/87	10	7.15	7.057	7.95	6.	0.262	0.512	6.06	6.75	7.305	7.887
00400	CONVERTED PH (STANDARD UNITS)	10/17/61-11/16/87	10	7.147	6.744	7.95	6.	0.371	0.61	6.06	6.75	7.305	7.887
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/61-11/16/87	10	0.071	0.18	1.	0.011	0.088	0.296	0.015	0.05	0.182	0.925
00403	PH, LAB, STANDARD UNITS SU	05/18/76-11/16/87	9	7.1	7.022	8.1	5.9	0.429	0.655	5.9	6.5	7.45	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	05/18/76-11/16/87	9	7.1	6.605	8.1	5.9	0.625	0.791	5.9	6.5	7.45	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/76-11/16/87	9	0.079	0.248	1.259	0.008	0.159	0.399	0.008	0.038	0.325	1.259
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/62-05/18/76	4	38.	38.	53.	23.	280.667	16.753	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	05/18/76-05/18/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/18/81-05/18/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/18/76-05/15/79	2	3021.5	3021.5	5757.	286.	14965920.5	3868.581	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/18/76-05/15/79	2	509.5	509.5	919.	100.	335380.5	579.12	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/18/76-05/15/79	2	2512.	2512.	4838.	186.	10820552.	3289.461	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/19/62-11/08/65	4	11420.	10979.5	14730.	6348.	12050041.	3471.317	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/18/76-11/16/87	9	40.	53.	114.	3.	1289.25	35.906	3.	27.	87.	114.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/18/76-11/16/87	9	8.	9.444	25.	1.	52.778	7.265	1.	4.	13.	25.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/18/76-11/16/87	9	42.	45.778	89.	2.	846.194	29.089	2.	23.	74.5	89.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/19/62-11/16/87	12	0.04	0.137	0.6	0.005	0.039	0.197	0.005	0.006	0.215	0.555
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/18/76-05/18/83	4	0.013	0.014	0.03	0.	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/64-11/07/79	10	0.015	0.042	0.2	0.003	0.004	0.063	0.003	0.003	0.063	0.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/18/76-11/16/87	10	0.795	0.917	2.1	0.31	0.338	0.581	0.314	0.455	1.275	2.058
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-11/16/87	3	0.03	0.03	0.05	0.01	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/18/76-11/16/87	11	0.11	0.112	0.184	0.03	0.002	0.05	0.036	0.07	0.16	0.183

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/18/76-10/12/77	3	13.	18.	29.	12.	91.	9.539	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/17/61-11/08/65	5	1773.	1707.2	2924.	209.	950206.7	974.785	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/19/62-11/08/65	4	159.75	188.925	308.	128.2	7051.196	83.971	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/18/76-05/18/76	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/18/76-05/18/76	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/18/76-05/18/76	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/61-11/08/65	5	3600.	3707.6	5600.	1888.	2026388.8	1423.513	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/61-11/08/65	4	101.5	94.75	160.	16.	4264.917	65.306	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/18/76-05/18/76	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/19/62-11/16/87	9	4071.	5137.	18480.	30.	31873682.75	5645.678	30.	1123.5	6960.	18480.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/62-11/08/65	4	908.5	912.75	1082.	752.	18574.25	136.287	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/61-11/08/65	5	1.77	1.49	1.88	0.7	0.247	0.497	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/18/76-11/16/87	4	0.45	0.395	0.6	0.08	0.051	0.225	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/18/76-05/18/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/13/64-07/13/64	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/18/76-05/18/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/17/61-10/12/77	7	440.	471.429	940.	50.	76814.286	277.154	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/18/76-05/18/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/18/76-05/18/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/18/76-04/04/78	2	442.5	442.5	790.	95.	241512.5	491.439	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/18/76-04/04/78	2	2.438	2.438	2.898	1.978	0.423	0.65	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			273.953								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/08/65-11/16/87	11	330.	1275.818	7900.	6.	5683665.764	2384.044	9.4	95.	790.	6980.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/08/65-11/16/87	11	2.519	2.477	3.898	0.778	0.78	0.883	0.895	1.978	2.898	3.822
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			299.614								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/18/76-11/16/87	10	11.	457.3	4300.	1.	1825626.233	1351.157	1.1	4.25	77.	3887.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/18/76-11/16/87	10	0.965	1.25	3.633	0.	1.133	1.064	0.03	0.599	1.805	3.493
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.773								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/07/80-05/07/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/07/80-05/18/81	2	7.205	7.205	13.52	0.89	79.758	8.931	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/17/61-11/08/65	2	0.	0.	0.	0.	0.	0.	**	**	**	**
48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	05/18/76-04/04/78	2	11.	11.	17.	5.	72.	8.485	**	**	**	**
48201	LOG FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	05/18/76-04/04/78	2	0.965	0.965	1.23	0.699	0.141	0.376	**	**	**	**
48201	GM FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	GEOMETRIC MEAN =			9.22								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/18/76-07/12/78	4	0.03	0.03	0.05	0.01	0.001	0.023	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	10/31/77-11/16/87	7	14.1	12.329	24.	2.	63.416	7.963	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/18/76-05/18/81	8	0.93	0.98	1.446	0.555	0.148	0.385	**	**	**	**
82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	05/18/76-04/04/78	3	0.166	0.151	0.186	0.1	0.002	0.045	**	**	**	**
82248	NATURAL SUBSTRATE,REDUNDANCY INDEX	05/18/76-04/04/78	3	0.849	0.773	0.887	0.582	0.028	0.166	**	**	**	**
82249	NATURAL SUBSTRATE,+/- REDUNDANCY INDEX	05/18/76-04/04/78	3	0.053	0.053	0.065	0.04	0.	0.013	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/18/76-05/18/81	8	6.5	7.625	14.	4.	10.554	3.249	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0401

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00	8	0	0.00	2	0	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	2	0.14	11	2	0.18	3	0	0.00						
00400	PH	Fresh Chronic	9.	10	0	0.00	8	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	10	1	0.10	8	0	0.00	2	1	0.50						
00403	PH, LAB	Fresh Chronic	9.	9	0	0.00	7	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	9	2	0.22	7	2	0.29	2	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	10	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	7	0.78	6	5	0.83	3	2	0.67						
		Drinking Water	250.	9	7	0.78	6	5	0.83	3	2	0.67						

& - 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: TIMU0401

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	4	1.00	3	3	1.00	1	1	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	4	0	0.00	1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	4	0	0.00	3	0	0.00	1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	11	2	0.18	9	2	0.22	2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	1	0.10	8	1	0.13	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/13/64-11/07/79	10	0.015	0.042	0.2	0.003	0.004	0.063	0.003	0.003	0.063	0.19

** - 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

Station Inventory for Station: TIMU0402

NPS Station ID: TIMU0402
LAT/LON: 30.574726/ -81.608892
Agency: 21FLSJWM
Date Created: 08/01/92
Location: NASSAU RIVER AT US 17
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NRT /SSJ10060
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 03070205000410.33
RF3 Mile Point: 10.93
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/05/86-08/19/91	53	2.	2.981	20.	2.	13.942	3.734	2.	2.	2.	2.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	130	20.8	20.582	31.	3.	31.699	5.63	13.8	15.	25.	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-03/20/95	87	24.	22.46	35.	5.	45.036	6.711	10.	19.	27.	30.6
00032	CLOUD COVER (PERCENT)	12/01/82-04/09/91	91	20.	33.571	100.	0.	1060.714	32.569	0.	10.	50.	95.
00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-04/09/91	84	15.	13.107	25.	0.	50.579	7.112	4.	7.25	20.	21.5
00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-06/12/91	91	54.	45.385	90.	20.	561.306	23.692	20.	20.	64.	80.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-08/30/90	29	24.	29.276	84.	11.	320.635	17.906	14.	18.	36.	46.
00080p	COLOR (PLATINUM-COBALT UNITS)	12/01/82-03/20/95	59	175.	255.	800.	20.	38518.103	196.26	70.	90.	400.	500.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/06/88-03/20/95	31	8870.	11934.226	39600.	70.	160287366.914	12660.465	669.	1053.	18000.	34320.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/08/84-03/20/95	32	5.65	6.031	9.8	3.1	2.429	1.559	4.16	5.15	6.975	8.54
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-07/10/90	42	1.2	1.469	6.8	0.5	1.025	1.012	0.8	1.	1.725	2.37
00400	PH (STANDARD UNITS)	09/06/88-03/20/95	31	6.52	6.492	7.27	5.8	0.11	0.332	6.	6.26	6.8	6.894
00400	CONVERTED PH (STANDARD UNITS)	09/06/88-03/20/95	31	6.52	6.374	7.27	5.8	0.125	0.353	6.	6.26	6.8	6.894
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/88-03/20/95	31	0.302	0.423	1.585	0.054	0.113	0.336	0.128	0.158	0.55	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-03/20/95	54	36.5	42.981	95.	9.	468.245	21.639	15.5	24.	63.	73.5
00480	SALINITY - PARTS PER THOUSAND	12/08/84-10/23/91	12	8.7	11.2	25.3	0.5	59.891	7.739	1.61	5.25	18.825	24.25
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-03/20/95	56	23.	26.893	93.	4.	281.843	16.788	10.	16.	34.	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/84-07/10/90	25	0.046	0.059	0.368	0.003	0.005	0.069	0.015	0.028	0.067	0.084
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/88-03/20/95	28	0.057	0.076	0.392	0.005	0.007	0.084	0.013	0.03	0.08	0.203
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/05/84-07/10/90	26	0.915	0.929	1.63	0.19	0.088	0.296	0.575	0.735	1.1	1.323
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/13/88-03/20/95	28	1.2	1.304	2.37	-0.005	0.285	0.534	0.907	1.119	1.685	2.262
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/88-03/20/95	27	0.06	0.072	0.2	0.001	0.003	0.053	0.002	0.03	0.11	0.164
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/23/91-10/23/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/88-03/20/95	28	0.194	0.204	0.363	0.034	0.007	0.082	0.105	0.144	0.251	0.32
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/83-07/10/90	26	0.112	0.131	0.273	0.052	0.003	0.058	0.065	0.079	0.183	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/90-10/23/91	3	0.106	0.113	0.224	0.009	0.012	0.108	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/88-03/20/95	28	23.05	22.132	48.	0.4	135.613	11.645	5.64	13.125	30.525	38.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-06/12/91	12	1150.	1450.	4060.	40.	1846653.818	1358.916	44.8	145.	2677.5	3742.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/84-09/12/90	23	80.	97.013	261.	2.	6966.802	83.467	2.88	9.	146.	235.2
00916	CALCIUM, TOTAL (MG/L AS CA)	08/19/91-03/20/95	9	12.	50.889	230.	5.	5418.111	73.608	5.	11.	79.	230.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/12/90	25	218.	305.428	950.	0.8	85170.72	291.84	5.92	28.45	466.5	833.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/19/91-03/20/95	9	18.9	113.967	702.	1.9	52207.84	228.49	1.9	12.2	119.9	702.
00929	SODIUM, TOTAL (MG/L AS NA)	08/19/91-03/20/95	9	183.	1146.111	5630.	90.	3392429.861	1841.855	90.	140.5	1810.	5630.
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/12/90	24	2690.	2882.	9620.	5.	7406586.	2721.504	21.	143.75	3984.	7344.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/12/90	24	105.	112.396	304.	0.3	10702.639	103.454	1.95	7.025	188.	290.
00937	POTASSIUM, TOTAL MG/L AS K)	08/19/91-03/20/95	9	9.	50.1	255.	5.2	6670.348	81.672	5.2	7.9	70.7	255.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-03/20/95	50	2900.	4348.82	20107.	11.	22054000.885	4696.169	67.2	292.5	6636.5	10471.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-03/20/95	56	359.5	561.714	2190.	4.	354016.499	594.993	20.7	35.25	939.5	1588.

** - Less than 9 observations ## - 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: TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00958	SILICATE, UNFILTERED REACTIVE (MG/L SIO3 AS SI)	08/19/91-10/23/91	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/09/87-07/10/90	11 ##	1.	1.091	2.	0.5	0.241	0.491	0.5	1.	1.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	08/19/91-03/20/95	9	2.	2.55	10.	-0.5	9.616	3.101	0.45	1.	1.75	10.
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/08/87-07/10/90	11	41.	46.636	153.	2.	1568.255	39.601	4.	24.	57.	134.2
01007	BARIUM, TOTAL (UG/L AS BA)	03/05/87-03/05/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/87-08/30/90	12 ##	0.1	7.042	80.	0.05	528.573	22.991	0.065	0.1	0.363	56.9
01027	CADMIUM, TOTAL (UG/L AS CD)	03/05/87-03/20/95	9 ##	0.25	0.094	0.5	-0.15	0.045	0.211	0.	0.	0.2	-0.15
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/87-08/30/90	17	2.	3.441	12.	0.5	10.934	3.307	0.9	1.	5.	9.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/05/87-03/20/95	10	1.5	1.755	3.	0.05	1.384	1.176	0.095	0.875	3.	3.
01040	COPPER, DISSOLVED (UG/L AS CU)	01/08/87-08/30/90	17	4.	8.294	34.	1.	92.346	9.61	1.	1.	15.5	24.4
01042	COPPER, TOTAL (UG/L AS CU)	03/05/87-03/20/95	10 ##	1.5	2.775	13.	-0.25	18.451	4.295	0.5	0.5	5.938	11.675
01045	IRON, TOTAL (UG/L AS FE)	08/19/91-03/20/95	9	1210.	1223.333	1960.	520.	276522.75	525.854	520.	687.	1685.5	1960.
01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/12/90	24	254.	300.833	993.	25.	53637.275	231.597	56.	133.25	369.	633.5
01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/87-08/30/90	14 ##	1.	106.143	920.	1.	70947.516	266.36	1.	1.	30.25	700.
01051	LEAD, TOTAL (UG/L AS PB)	08/19/91-03/20/95	9 ##	1.	1.278	3.	-1.	2.007	1.417	0.5	0.5	3.	-1.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/05/87-08/19/91	2	31.35	31.35	50.7	12.	748.845	27.365	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/08/87-08/30/90	15	33.	51.807	245.	0.5	3978.346	63.074	0.8	4.	68.	165.2
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/05/87-08/30/90	13	10.	30.769	270.	1.	5300.526	72.805	1.	1.	19.	178.
01067	NICKEL, TOTAL (UG/L AS NI)	08/19/91-03/20/95	9 ##	0.5	0.672	2.	0.	0.679	0.824	0.	0.	1.5	2.
01075	SILVER, DISSOLVED (UG/L AS AG)	01/08/87-11/05/87	3	0.9	2.167	5.	0.6	6.043	2.458	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/05/87-03/20/95	8 ##	0.15	0.295	2.1	-0.3	0.557	0.746	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/28/89-02/28/89	1	1550.	1550.	1550.	1550.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/08/87-08/30/90	18	38.	62.667	274.	5.	5027.765	70.907	5.	17.	77.	193.9
01092	ZINC, TOTAL (UG/L AS ZN)	03/05/87-03/20/95	9	25.	23.111	35.	2.	93.111	9.649	2.	18.5	30.	35.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	01/04/90-07/10/90	3 ##	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/21/94-03/20/95	6	96.5	135.5	350.	23.	15273.1	123.584	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/21/94-03/20/95	6	1.951	1.963	2.544	1.362	0.192	0.438	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			91.936								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	55	4.09	6.378	22.85	0.77	29.14	5.398	1.218	2.32	9.77	14.976
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	52	3.075	4.538	16.57	0.	18.825	4.339	0.27	1.34	6.913	11.331
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	55	0.4	0.512	2.45	-0.11	0.339	0.582	0.	0.04	0.98	1.9
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	55	1.29	1.692	8.95	0.	3.786	1.946	0.	0.29	2.1	4.39
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	52	2.77	3.546	14.57	0.	9.456	3.075	0.875	1.48	5.035	7.168
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-03/20/95	52	1.325	1.361	2.28	0.9	0.049	0.222	1.13	1.235	1.478	1.57
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/10/94-03/20/95	8	174.5	755.75	3460.	54.	1350922.786	1162.292	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-03/20/95	53	5270.	8038.83	24791.	30.	62119432.067	7881.588	253.8	647.	14700.	21537.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/13/88-03/20/95	26	0.129	0.137	0.288	0.004	0.005	0.071	0.058	0.084	0.18	0.253
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	02/19/86-02/19/86	1	9.79	9.79	9.79	9.79	0.	0.	**	**	**	**
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-03/20/95	58	11.	11.034	22.	1.5	24.693	4.969	4.68	6.95	15.025	18.08
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/10/94-03/20/95	12	7.6	7.617	8.9	6.5	0.72	0.848	6.56	6.775	8.25	8.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	32	2	0.06	20	2	0.10	12	0	0.00						
00400	PH	Fresh Chronic	9.	31	0	0.00	20	0	0.00	11	0	0.00						
		Other-Lo Lim.	6.5	31	15	0.48	20	13	0.65	11	2	0.18						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	27	0	0.00	17	0	0.00	10	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	50	33	0.66	32	24	0.75	18	9	0.50						
		Drinking Water	250.	50	40	0.80	32	26	0.81	18	14	0.78						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	56	33	0.59	36	25	0.69	20	8	0.40						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	6	0	0.00	5	0	0.00						
		Drinking Water	50.	11	0	0.00	6	0	0.00	5	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	50.	9	0	0.00	5	0	0.00	4	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	11	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

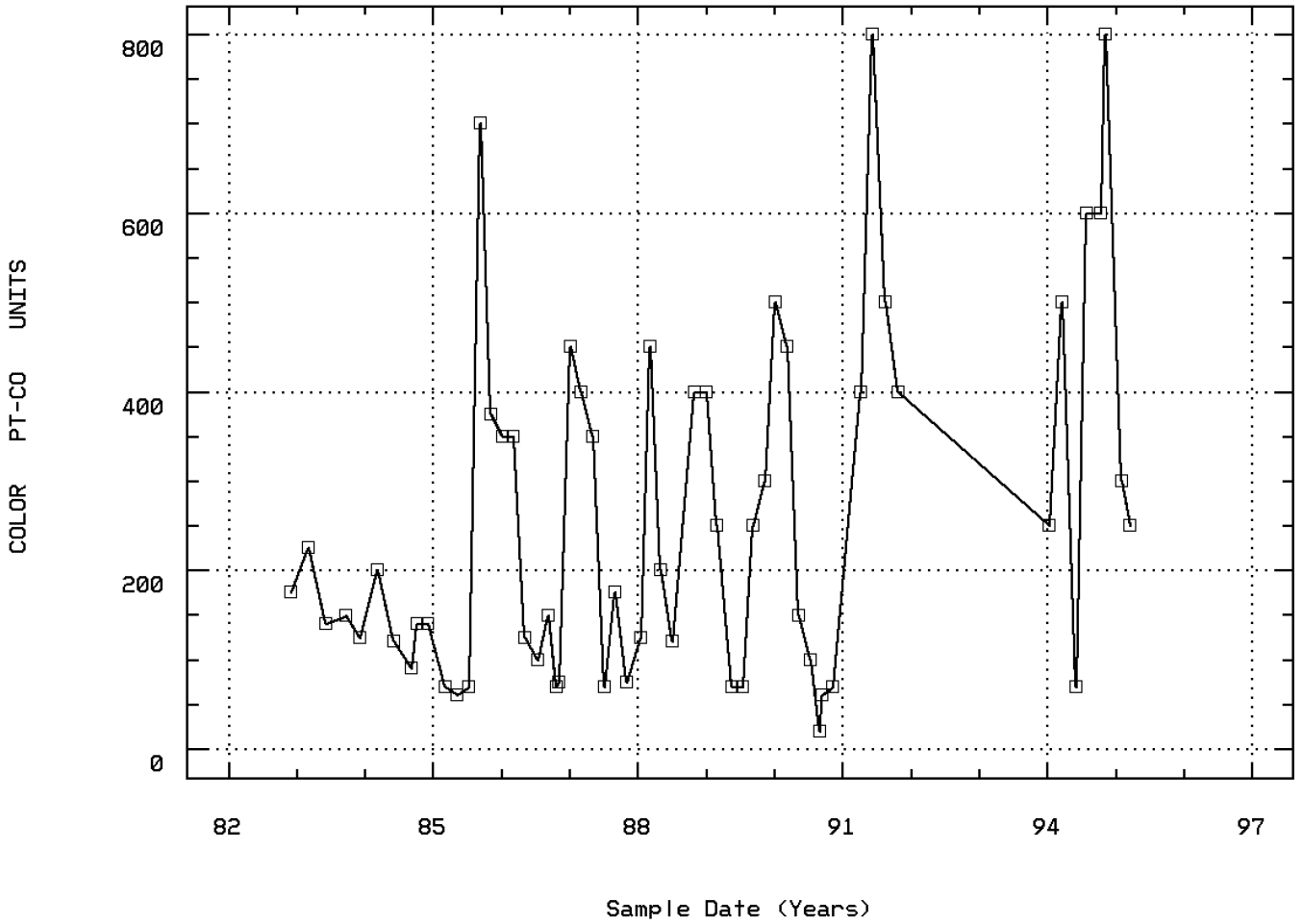
EPA Water Quality Criteria Analysis for Station: TIMU0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	1	0.08	6	1	0.17	6	0	0.00						
		Drinking Water	5.	12	1	0.08	6	1	0.17	6	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	5.	9	0	0.00	5	0	0.00	4	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	17	0	0.00	11	0	0.00	6	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	5	0	0.00	5	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	17	3	0.18	10	3	0.30	7	0	0.00						
		Drinking Water	1300.	17	0	0.00	10	0	0.00	7	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	10	0	0.00	5	0	0.00	5	0	0.00						
		Drinking Water	1300.	10	0	0.00	5	0	0.00	5	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	14	2	0.14	9	2	0.22	5	0	0.00						
		Drinking Water	15.	14	4	0.29	9	4	0.44	5	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	15.	9	0	0.00	5	0	0.00	4	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	13	0	0.00	8	0	0.00	5	0	0.00						
		Drinking Water	100.	13	1	0.08	8	0	0.00	5	1	0.20						
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	5	0	0.00	4	0	0.00						
		Drinking Water	100.	9	0	0.00	5	0	0.00	4	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	8	0	0.00	3	0	0.00	5	0	0.00						
		Drinking Water	100.	8	0	0.00	3	0	0.00	5	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	18	3	0.17	11	1	0.09	7	2	0.29						
		Drinking Water	5000.	18	0	0.00	11	0	0.00	7	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	4	0	0.00	5	0	0.00						
		Drinking Water	5000.	9	0	0.00	4	0	0.00	5	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	2	0.33	3	1	0.33	3	1	0.33						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	58	0	0.00	37	0	0.00	21	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: TIMU0402 Parameter Code: 00080

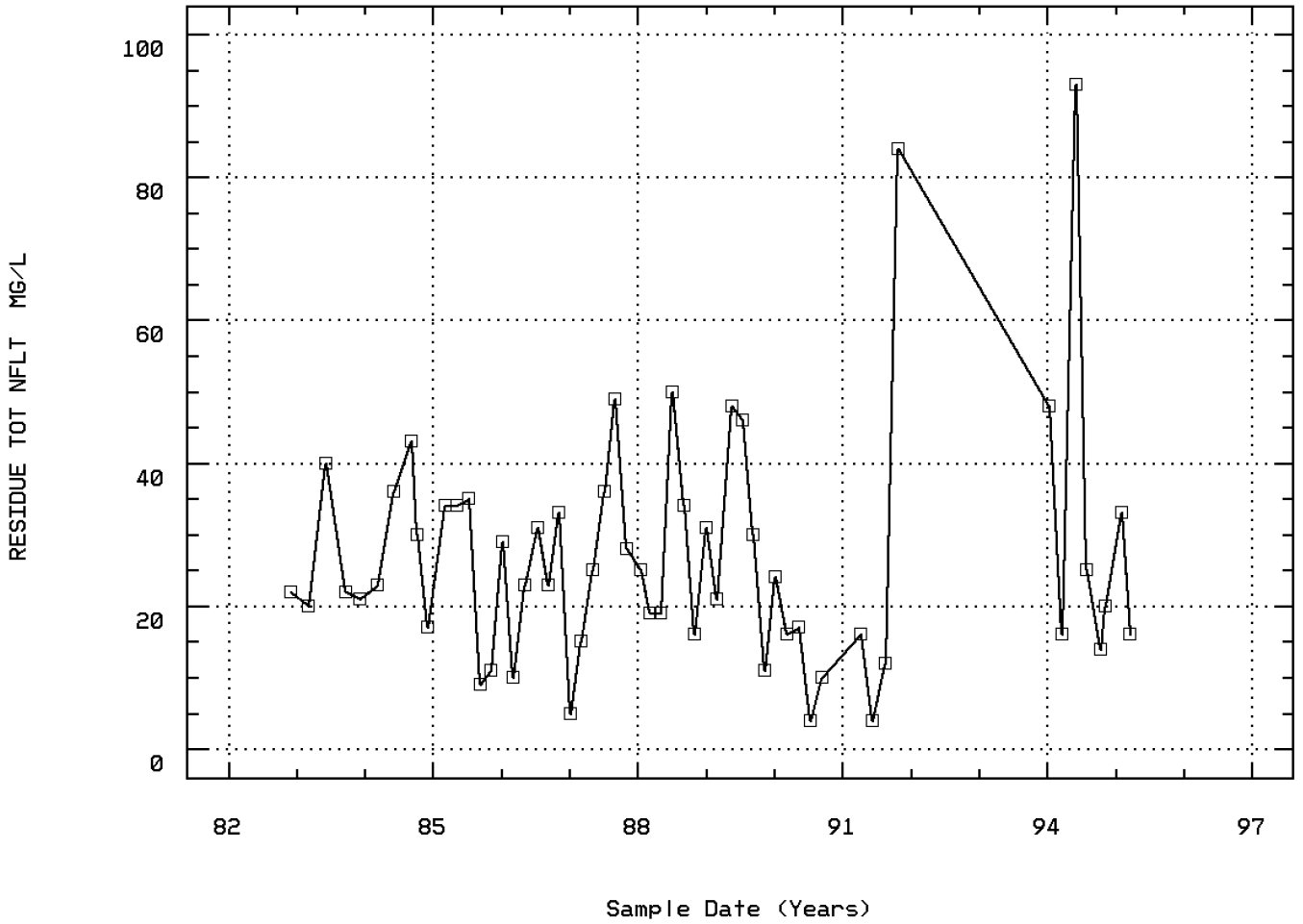
COLOR (PLATINUM-COBALT UNITS)



NASSAU RIVER AT US 17

Station: TIMU0402 Parameter Code: 00530

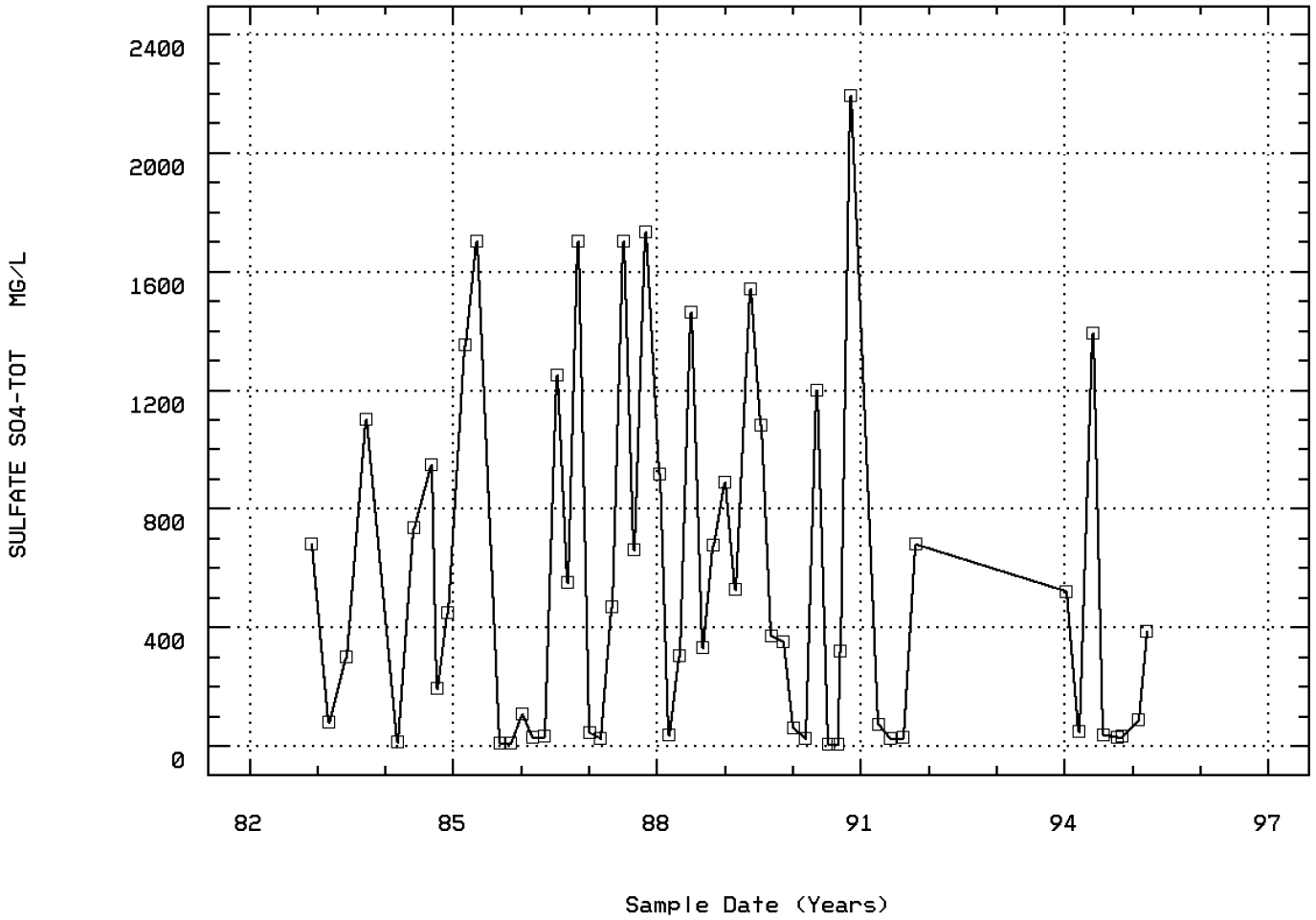
RESIDUE, TOTAL NONFILTRABLE (MG/L)



NASSAU RIVER AT US 17

Station: TIMU0402 Parameter Code: 00945

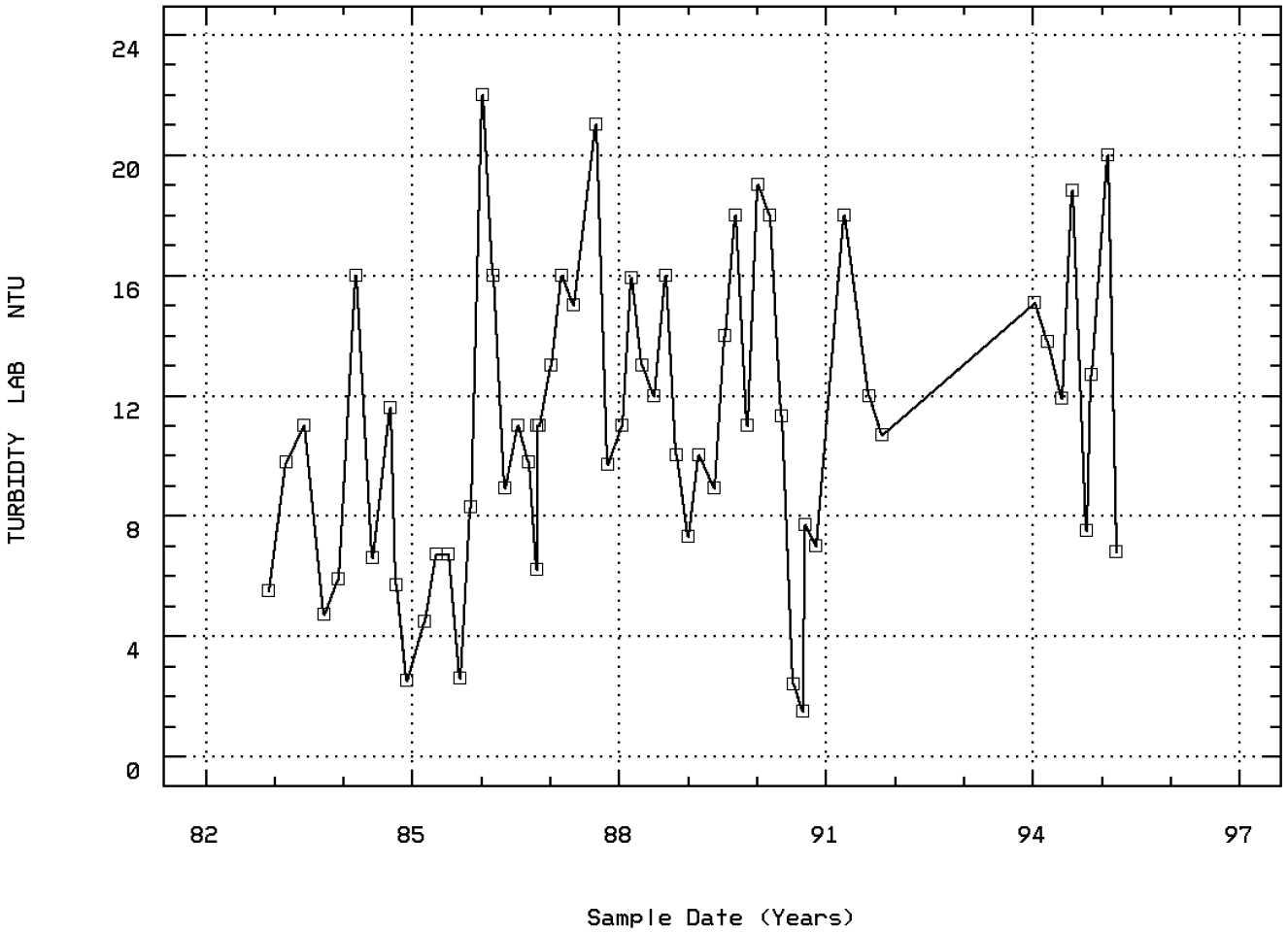
SULFATE, TOTAL (MG/L AS SO4)



NASSAU RIVER AT US 17

Station: TIMU0402 Parameter Code: 82079

TURBIDITY,LAB NEPHELOMETRIC TURBIDITY U



NASSAU RIVER AT US 17

Annual Analysis for 1982 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	16	16.5	18.331	26.9	14.	28.316	5.321	14.	14.	24.45	26.9

** - 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 1984 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	14	24.75	21.679	28.	15.	35.677	5.973	15.	15.	26.75	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

Annual Analysis for 1985 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	31	21.	20.519	28.2	3.	27.27	5.222	13.16	18.9	24.5	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 1986 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	27	20.	20.178	31.	11.	30.951	5.563	13.8	14.7	21.9	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 box-and-whisker plot

Annual Analysis for 1987 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	6	22.75	21.333	29.	10.5	54.967	7.414	**	**	**	**

** - 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 1988 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	6	20.65	20.583	27.9	10.	44.342	6.659	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	6	22.45	22.1	30.1	13.9	39.292	6.268	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	7	24.5	23.186	30.8	10.7	55.761	7.467	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	4	23.8	24.65	28.3	22.7	6.857	2.619	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	8	21.6	21.05	27.4	10.7	25.057	5.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	4	15.9	15.9	18.7	13.1	10.453	3.233	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	79	24.4	24.215	31.	19.5	11.649	3.413	20.1	21.	27.2	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-03/20/95	54	25.	24.546	35.	19.	25.304	5.03	19.	19.	29.	32.
00032	CLOUD COVER (PERCENT)	12/01/82-04/09/91	62	10.	31.29	100.	0.	967.16	31.099	0.	10.	50.	95.
00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-04/09/91	55	15.	13.055	25.	0.	51.719	7.192	3.2	5.	20.	20.
00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-06/12/91	62	54.	46.355	90.	20.	481.249	21.937	20.	20.	64.	64.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-08/30/90	22	24.	31.955	84.	14.	369.379	19.219	15.2	20.25	36.	72.6
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-03/20/95	38	132.5	228.553	800.	20.	48609.335	220.475	69.	70.	356.25	610.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/06/88-03/20/95	20	8570.	14345.15	39600.	70.	218202788.766	14771.689	585.	860.5	30275.	38950.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/08/84-03/20/95	20	5.4	5.165	7.	3.1	0.781	0.884	3.92	4.5	5.575	6.27
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-07/10/90	27	1.1	1.456	6.8	0.5	1.382	1.175	0.74	1.	1.6	2.32
00400	PH (STANDARD UNITS)	09/06/88-03/20/95	20	6.31	6.403	7.	5.8	0.097	0.312	6.	6.238	6.6	6.89
00400	CONVERTED PH (STANDARD UNITS)	09/06/88-03/20/95	20	6.31	6.303	7.	5.8	0.108	0.328	6.	6.237	6.6	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/88-03/20/95	20	0.49	0.498	1.585	0.1	0.128	0.357	0.129	0.251	0.579	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-03/20/95	33	48.	47.152	95.	9.	516.383	22.724	19.8	28.5	68.5	74.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-03/20/95	35	28.	29.857	93.	4.	380.303	19.501	9.6	16.	36.	49.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/88-03/20/95	18	0.038	0.081	0.392	0.005	0.011	0.104	0.009	0.022	0.105	0.28
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/13/88-03/20/95	18	1.295	1.262	2.37	-0.005	0.36	0.6	0.572	1.12	1.71	2.132
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/88-03/20/95	17	0.07	0.073	0.2	0.001	0.004	0.06	0.002	0.019	0.11	0.184
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/88-03/20/95	18	0.185	0.198	0.363	0.034	0.008	0.088	0.087	0.14	0.246	0.36
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/83-07/10/90	15	0.104	0.124	0.273	0.066	0.004	0.061	0.068	0.077	0.154	0.244
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/88-03/20/95	19	20.2	20.516	48.	0.6	144.733	12.03	6.2	12.	23.9	40.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/84-09/12/90	14	100.5	120.179	261.	2.	7660.677	87.525	3.75	54.	209.25	248.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/12/90	15	292.	399.507	950.	1.6	98984.708	314.618	8.44	149.	658.	922.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/12/90	14	3102.5	3779.786	9620.	5.	9006222.951	3001.037	20.5	1387.5	6166.75	8900.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/12/90	14	118.5	136.371	304.	0.9	11621.071	107.801	1.95	47.3	234.	299.5
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-03/20/95	32	4225.	5483.844	20107.	11.	27403929.039	5234.876	49.8	449.75	9922.5	13151.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-03/20/95	36	510.	697.833	2190.	4.	421640.886	649.339	8.4	33.	1237.5	1700.
01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/12/90	14	180.	271.929	993.	25.	70987.61	266.435	25.	109.5	344.	808.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	35	6.63	7.859	22.85	0.83	35.657	5.971	1.124	2.72	12.38	16.318
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	33	4.28	5.777	16.57	0.135	20.816	4.562	0.534	2.405	9.535	13.47
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	35	0.59	0.571	2.45	-0.11	0.429	0.655	0.	0.01	0.99	2.192
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	35	1.45	2.03	8.95	0.	4.761	2.182	0.	0.42	3.03	5.774
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	33	3.1	4.159	14.57	0.	12.669	3.559	0.93	1.325	6.35	8.918
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-03/20/95	33	1.38	1.403	2.28	1.11	0.046	0.215	1.172	1.28	1.485	1.57
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-03/20/95	33	8191.	10224.061	24791.	57.	74284475.434	8618.844	301.	2128.5	17732.5	23522.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/13/88-03/20/95	16	0.142	0.134	0.288	0.004	0.005	0.073	0.043	0.07	0.184	0.257
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-03/20/95	37	10.7	10.105	21.	1.5	18.938	4.352	4.28	6.85	12.	16.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-03/20/95	51	14.6	14.955	22.7	3.	10.457	3.234	10.76	13.8	17.5	18.88
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-03/20/95	33	20.	19.045	33.	5.	59.756	7.73	9.	10.	25.	27.2
00032	CLOUD COVER (PERCENT)	12/01/82-04/09/91	29	40.	38.448	100.	0.	1266.256	35.584	0.	0.	50.	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-04/09/91	29	10.	13.207	25.	0.	50.17	7.083	4.	10.	21.5	23.
00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-06/12/91	29	20.	43.31	90.	20.	749.222	27.372	20.	20.	73.	80.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-08/30/90	7	15.	20.857	36.	11.	94.476	9.72	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-03/20/95	21	300.	302.857	500.	70.	18041.429	134.318	125.	187.5	425.	490.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/06/88-03/20/95	11	9100.	7550.727	18000.	1158.	33515125.818	5789.225	1266.4	1990.	12910.	17032.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/08/84-03/20/95	12	7.25	7.475	9.8	5.8	1.858	1.363	5.8	6.2	8.55	9.59
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-07/10/90	15	1.4	1.493	3.2	0.7	0.435	0.66	0.82	1.	1.8	2.72
00400	PH (STANDARD UNITS)	09/06/88-03/20/95	11	6.63	6.654	7.27	6.	0.101	0.318	6.08	6.52	6.87	7.19
00400	CONVERTED PH (STANDARD UNITS)	09/06/88-03/20/95	11	6.63	6.543	7.27	6.	0.115	0.339	6.08	6.52	6.87	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/88-03/20/95	11	0.234	0.287	1.	0.054	0.065	0.254	0.07	0.135	0.302	0.88
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-03/20/95	21	31.	36.429	77.	13.	340.857	18.462	14.	20.5	51.5	63.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-03/20/95	21	21.	21.952	48.	5.	87.548	9.357	11.	16.	27.	33.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/88-03/20/95	10	0.071	0.066	0.1	0.014	0.001	0.024	0.017	0.054	0.08	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/13/88-03/20/95	10	1.17	1.38	2.25	1.01	0.167	0.408	1.013	1.063	1.675	2.197
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/88-03/20/95	10	0.055	0.069	0.16	0.03	0.002	0.042	0.03	0.038	0.098	0.156
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/88-03/20/95	10	0.205	0.217	0.316	0.106	0.005	0.072	0.11	0.165	0.304	0.315
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/83-07/10/90	11	0.158	0.141	0.189	0.052	0.003	0.054	0.054	0.091	0.187	0.189
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/10/88-03/20/95	9	27.8	25.544	34.7	0.4	112.74	10.618	0.4	21.85	32.65	34.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/84-09/12/90	9	17.	60.978	146.	2.	4310.124	65.652	2.	6.4	141.	146.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/12/90	10	67.85	164.31	498.	0.8	36267.392	190.44	1.6	10.	345.75	491.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/12/90	10	1075.5	1625.1	4100.	6.	2909814.989	1705.818	9.7	74.5	3453.	4053.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/12/90	10	45.9	78.83	275.	0.3	8419.167	91.756	0.59	4.475	135.95	263.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-03/20/95	18	846.5	2331.	8310.	78.	6859444.824	2619.054	89.7	261.5	4910.	6511.8
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-03/20/95	20	83.5	316.7	1350.	13.	149779.695	387.014	24.	37.	525.5	914.
01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/12/90	10	334.	341.3	644.	109.	31416.233	177.246	111.5	191.	435.5	641.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	20	2.865	3.785	12.47	0.77	7.893	2.81	1.654	2.105	3.968	8.828
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	19	1.34	2.385	10.69	0.	8.621	2.936	0.	0.53	2.67	8.55
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	20	0.33	0.409	1.33	-0.07	0.176	0.42	0.004	0.121	0.84	1.312
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-03/20/95	20	0.715	1.1	5.67	0.	1.662	1.289	0.	0.163	1.708	2.077
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-03/20/95	19	2.46	2.481	6.6	0.	2.382	1.543	0.12	1.76	2.97	5.3
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-03/20/95	19	1.29	1.288	1.73	0.9	0.049	0.221	1.	1.14	1.4	1.68
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-03/20/95	20	1610.	4433.2	16200.	30.	22921748.274	4787.666	242.3	446.75	7720.75	11103.7
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/13/88-03/20/95	10	0.118	0.14	0.265	0.052	0.005	0.071	0.055	0.084	0.194	0.263
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-03/20/95	21	13.8	12.671	22.	2.5	31.876	5.646	4.7	7.05	17.	19.8

** - 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: TIMU0403

NPS Station ID: TIMU0403
LAT/LON: 30.574726/ -81.608892
Agency: 112WRD
Date Created: 09/30/89
Location: NASSAU RIVER AT US 17 NEAR HEDGES,FL
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303429081363200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 03070205003300.00
RF3 Mile Point: 2.42
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	98	4915.	11464.582	37600.	100.	145363569.73	12056.682	199.5	233.75	22800.	27530.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	76	6.55	6.393	9.1	3.6	1.394	1.181	4.78	5.5	7.175	7.86
00400	PH (STANDARD UNITS)	12/01/82-07/05/88	49	6.65	6.685	8.2	5.3	0.229	0.479	6.1	6.4	7.	7.3
00400	CONVERTED PH (STANDARD UNITS)	12/01/82-07/05/88	49	6.65	6.408	8.2	5.3	0.308	0.555	6.1	6.4	7.	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/82-07/05/88	49	0.224	0.39	5.012	0.006	0.523	0.723	0.05	0.1	0.398	0.794
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	65	4.	7.378	25.	0.	56.417	7.511	0.	0.1	15.	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-11/13/88	30	0.049	0.048	0.083	0.005	0.	0.022	0.014	0.031	0.07	0.076
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-11/13/88	30	0.999	1.003	1.66	0.41	0.067	0.259	0.716	0.79	1.198	1.324
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-11/13/88	34	0.05	0.049	0.17	0.005	0.001	0.038	0.008	0.02	0.07	0.105
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-11/13/88	34	0.148	0.175	0.514	0.033	0.007	0.085	0.113	0.121	0.204	0.276
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-11/13/88	32	0.096	0.144	0.98	0.053	0.027	0.164	0.068	0.076	0.168	0.255

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0403

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	76	2	0.03	39	2	0.05	37	0	0.00						
00400	PH	Fresh Chronic	9.	49	0	0.00	27	0	0.00	22	0	0.00						
		Other-Lo Lim.	6.5	49	20	0.41	27	9	0.33	22	11	0.50						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	34	0	0.00	23	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 1982 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	11	1500.	7205.455	19800.	1400.	70711267.273	8408.999	1410.	1500.	19700.	19784.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	13	6.9	6.592	8.2	5.	1.016	1.008	5.04	5.5	7.15	8.04
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	12	1.5	4.208	9.5	1.5	13.066	3.615	1.5	1.5	8.875	9.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	13	21500.	13619.846	24000.	241.	113271129.641	10642.891	243.4	249.	23000.	24000.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	14	5.45	5.479	7.	4.3	0.606	0.779	4.3	5.15	5.825	6.8
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	13	15.5	10.154	17.	0.	56.766	7.534	0.	0.	16.5	17.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	31	220.	4643.226	32000.	195.	104931389.247	10243.602	200.	200.	400.	26740.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	12	7.2	6.992	8.7	3.9	1.652	1.285	4.41	6.45	7.875	8.55
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	15	0.	1.747	24.	0.	37.95	6.16	0.	0.	0.5	9.96

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	32	22000.	17973.125	32300.	165.	125121266.823	11185.762	168.9	5137.5	26600.	31000.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	26	6.4	6.481	9.1	3.6	1.287	1.135	4.9	6.075	7.2	7.92
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	20	13.95	10.07	18.	0.1	47.803	6.914	0.1	0.525	15.	17.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	6	13000.	15521.667	37600.	400.	227406816.667	15080.014	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	6	6.45	6.3	7.8	4.5	1.484	1.218	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	3	20.	18.667	25.	11.	50.333	7.095	**	**	**	**

** - 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 1988 - Station TIMU0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-07/05/88	4	3800.5	10000.25	32300.	100.	230795346.917	15191.95	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/01/82-07/05/88	4	7.05	6.725	8.5	4.3	3.163	1.778	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/01/82-05/05/88	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0404

NPS Station ID: TIMU0404
LAT/LON: 30.574449/ -81.608892
Agency: 112WRD
Date Created: 06/22/85
Location: NASSAU RIVER NR HEDGES FL
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 02231289
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205004
RF1 Mile Point: 7.510
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205019000.00
RF3 Mile Point: 0.94
Distance from RF3: 0.48
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/84-12/04/84	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/84-12/04/84	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/84-12/04/84	1	610.	610.	610.	610.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	12/04/84-12/04/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/84-12/04/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/84-12/04/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/84-12/04/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/84-12/04/84	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/84-12/04/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/84-12/04/84	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/84-12/04/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0405

NPS Station ID: TIMU0405
LAT/LON: 30.574392/ -81.608948
Agency: 21FLSJWM
Date Created: 06/24/95
Location: NASSAU RIVER AT US 17
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 19020002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
DEP WM580 CONTRACT

Parameter Inventory for Station: TIMU0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/95-12/30/98	38	21.	21.747	30.2	11.8	38.592	6.212	13.19	15.75	28.1	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/07/95-12/30/98	37	27.	25.919	38.	14.	56.465	7.514	14.	19.5	32.	35.2
00032	CLOUD COVER (PERCENT)	12/30/98-12/30/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/30/98-12/30/98	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	11/17/98-12/30/98	4	0.085	0.085	0.1	0.07	0.	0.017	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/95-07/25/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/95-12/30/98	23	200.	202.391	500.	60.	9913.34	99.566	76.	150.	250.	360.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/07/95-12/30/98	38	10425.	10875.079	29200.	264.	78768693.372	8875.173	273.	1842.5	16300.	26230.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/95-12/30/98	38	5.9	6.174	8.7	3.3	2.477	1.574	4.09	4.9	7.625	8.23
00400	PH (STANDARD UNITS)	06/07/95-12/30/98	37	6.45	6.473	7.36	5.88	0.166	0.407	5.916	6.165	6.825	7.
00400	CONVERTED PH (STANDARD UNITS)	06/07/95-12/30/98	37	6.45	6.313	7.36	5.88	0.192	0.438	5.916	6.165	6.825	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/95-12/30/98	37	0.355	0.486	1.318	0.044	0.151	0.388	0.1	0.15	0.684	1.214
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/95-12/30/98	23	42.	39.609	95.	8.	395.522	19.888	13.8	24.	51.	64.4
00480	SALINITY - PARTS PER THOUSAND	12/30/98-12/30/98	2	16.1	16.1	16.2	16.	0.02	0.141	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	01/05/97-01/05/97	1	73.3	73.3	73.3	73.3	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/95-12/30/98	23	20.	23.696	52.	1.5	211.517	14.544	3.5	13.	32.	49.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/95-12/30/98	22	0.055	0.101	1.03	-0.002	0.044	0.21	0.022	0.042	0.099	0.754
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/95-12/30/98	23	1.13	1.137	1.93	0.48	0.139	0.372	0.584	0.896	1.35	1.692
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	01/05/97-01/05/97	1	3570.	3570.	3570.	3570.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/07/95-12/30/98	23	0.06	0.127	1.76	-0.004	0.128	0.357	0.02	0.03	0.08	1.096
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/95-12/30/98	23	0.137	0.149	0.288	0.043	0.004	0.061	0.08	0.107	0.2	0.246
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	01/05/97-01/05/97	1	798.	798.	798.	798.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/19/98-12/30/98	3	0.08	0.087	0.12	0.062	0.001	0.03	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/95-12/30/98	23	22.	24.13	48.4	10.6	90.357	9.506	13.28	18.6	30.4	40.42
00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/95-12/30/98	23	72.	85.674	399.	5.	8377.935	91.531	6.56	14.6	123.	184.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/95-12/30/98	23	199.	219.017	728.	4.9	42900.607	207.125	5.42	32.2	366.	528.6
00929	SODIUM, TOTAL (MG/L AS NA)	06/07/95-12/30/98	23	2540.	2128.174	5470.	34.6	2998529.067	1731.626	37.28	273.	3100.	4854.
00937	POTASSIUM, TOTAL MG/L AS K)	06/07/95-12/30/98	23	68.3	72.71	215.	2.1	4466.171	66.829	2.578	12.5	121.	181.
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/95-12/30/98	23	2600.	3492.783	11190.	54.	11111590.36	3333.405	68.6	259.	5640.	8612.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/95-12/30/98	23	407.	447.139	1500.	0.2	186420.536	431.764	13.8	67.	699.	1172.
00951	FLUORIDE, TOTAL (MG/L AS F)	10/19/98-12/30/98	3	0.41	0.38	0.51	0.22	0.022	0.147	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/05/97-01/05/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	1	49.3	49.3	49.3	49.3	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/07/95-07/21/98	16	3.5	3.938	19.	-0.5	29.627	5.443	0.	1.	-0.5	14.1
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/05/97-01/05/97	1	6.33	6.33	6.33	6.33	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/07/95-07/21/98	20	750.5	827.05	1640.	102.	144270.997	379.83	382.9	557.25	1070.	1425.

** - Less than 9 observations ## - 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: TIMU0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	06/07/95-07/21/98	18 ##	2.	2.097	14.	-2.5	18.685	4.323	0.225	1.	-2.	10.4
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/05/97-01/05/97	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	01/05/97-01/05/97	1	343.	343.	343.	343.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/05/97-01/05/97	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/07/95-07/21/98	19	10.	33.566	355.	-4.5	6494.957	80.591	1.	2.5	20.	88.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	01/05/97-01/05/97	1	38700.	38700.	38700.	38700.	0.	0.	**	**	**	**
01133	LITHIUM IN BOTTOM DEPOSITS (MG/KG AS LI DRY WGT)	01/05/97-01/05/97	1	37.7	37.7	37.7	37.7	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	01/05/97-01/05/97	1	21500.	21500.	21500.	21500.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/96-12/30/98	14	255.	418.929	2200.	10.	365639.148	604.681	30.	67.5	400.	1750.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/96-12/30/98	14	2.4	2.284	3.342	1.	0.355	0.596	1.349	1.828	2.602	3.228
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			192.454								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/25/95-01/27/97	10	1300.	1327.	5000.	70.	1899512.222	1378.228	93.	450.	1325.	4640.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/25/95-01/27/97	10	3.114	2.923	3.699	1.845	0.245	0.495	1.908	2.644	3.122	3.644
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			836.595								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/11/96-05/20/97	4	155.	220.	500.	70.	40200.	200.499	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/11/96-05/20/97	4	2.132	2.202	2.699	1.845	0.163	0.404	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			159.302								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/25/95-12/30/98	21	70.	171.619	800.	6.	56894.648	238.526	10.4	32.	225.	740.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/25/95-12/30/98	21	1.845	1.879	2.903	0.778	0.348	0.59	0.983	1.491	2.352	2.862
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			75.736								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	16	8.67	14.529	113.	0.01	720.392	26.84	0.731	3.113	12.425	49.3
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-12/30/98	15	3.6	5.361	21.6	0.01	33.987	5.83	0.01	0.5	8.39	16.02
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	17	1.2	0.726	3.9	-1.	1.557	1.248	0.18	0.233	3.3	-0.76
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	17	1.53	2.037	6.8	0.03	2.665	1.633	0.29	0.965	3.185	4.16
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-12/30/98	22	8.24	8.871	51.8	-3.1	149.616	12.232	0.265	0.5	15.6	21.33
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/07/95-07/21/98	19	1.1	1.267	4.	0.04	0.846	0.92	0.18	0.88	1.6	2.7
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	4.15	4.15	4.15	4.15	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	465.	465.	465.	465.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	3.73	3.73	3.73	3.73	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	01/05/97-01/05/97	1	3.48	3.48	3.48	3.48	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	6.54	6.54	6.54	6.54	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	8.14	8.14	8.14	8.14	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	1.45	1.45	1.45	1.45	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	31.4	31.4	31.4	31.4	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	225.	225.	225.	225.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	5.63	5.63	5.63	5.63	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	37.7	37.7	37.7	37.7	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	63.4	63.4	63.4	63.4	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	01/05/97-01/05/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	01/05/97-01/05/97	1	5.95	5.95	5.95	5.95	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.655	0.655	0.655	0.655	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.235	0.235	0.235	0.235	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: TIMU0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/17/97-12/30/98	13	1620.	1419.231	3990.	34.	1613666.526	1270.302	34.8	51.5	2285.	3506.
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1	7.09	7.09	7.09	7.09	0.	0.	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1	6.04	6.04	6.04	6.04	0.	0.	**	**	**	**
49757	NAPHTHALENE,2,3,5-TRIMETHYL,DRY WT.,SEDIMENT UG/KG	01/05/97-01/05/97	1	3.35	3.35	3.35	3.35	0.	0.	**	**	**	**
49900	PARTICLE SIZE, CLAY 0.002-0.0002MM, DRYWTSEDIMENT%	01/05/97-01/05/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
49906	PARTICLE SIZE,0.05-0.002MM SILT,DRYWT.,SEDIMENT %	01/05/97-01/05/97	1	42.7	42.7	42.7	42.7	0.	0.	**	**	**	**
49925	PARTICLE SIZE, .05-2.0MM SAND DRY WT.,SEDIMENT %	01/05/97-01/05/97	1	49.9	49.9	49.9	49.9	0.	0.	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	01/05/97-01/05/97	1	37.4	37.4	37.4	37.4	0.	0.	**	**	**	**
50944	DIBENZ(A,H)ANTHRACENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
50947	PCB CONGENER #28 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1	1.21	1.21	1.21	1.21	0.	0.	**	**	**	**
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50951	PCB CONGENER #77/110 (CL4/CL5) DRY WGT,SED UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50957	PCB CONGENER #126/129(CL5/CL6) DRY WGT,SED UG/KG	01/05/97-01/05/97	1 ##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
50966	GAMMA-CHLORDANE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1	2.19	2.19	2.19	2.19	0.	0.	**	**	**	**
50967	ENDOSULFAN II, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
61115	PCB CONGENER #169 (C16) SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
61116	TOTAL SEDIMENT PARTICLE SIZE % 0 - 0.49 UM	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
61117	TOTAL SEDIMENT PARTICLE SIZE % 0.49 - 0.69 UM	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
61120	TOTAL SEDIMENT PARTICLE SIZE % 1.38 - 1.95 UM	01/05/97-01/05/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
61121	TOTAL SEDIMENT PARTICLE SIZE % 1.95 - 2.76 UM	01/05/97-01/05/97	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
61122	TOTAL SEDIMENT PARTICLE SIZE % 2.76 - 3.91 UM	01/05/97-01/05/97	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
61123	TOTAL SEDIMENT PARTICLE SIZE % 3.91 - 5.52 UM	01/05/97-01/05/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
61124	TOTAL SEDIMENT PARTICLE SIZE % 5.52 - 7.81 UM	01/05/97-01/05/97	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
61125	TOTAL SEDIMENT PARTICLE SIZE % 7.81 - 11.0 UM	01/05/97-01/05/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
61126	TOTAL SEDIMENT PARTICLE SIZE % 11.0 - 15.6 UM	01/05/97-01/05/97	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
61127	TOTAL SEDIMENT PARTICLE SIZE % 15.6 - 22.1 UM	01/05/97-01/05/97	1	6.	6.	6.	6.	0.	0.	**	**	**	**
61128	TOTAL SEDIMENT PARTICLE SIZE % 22.1 - 31.0 UM	01/05/97-01/05/97	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
61129	TOTAL SEDIMENT PARTICLE SIZE % 31.0 - 44.0 UM	01/05/97-01/05/97	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
61130	TOTAL SEDIMENT PARTICLE SIZE % 44.0 - 62.5 UM	01/05/97-01/05/97	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
61131	TOTAL SEDIMENT PARTICLE SIZE % 62.5 - 88.0 UM	01/05/97-01/05/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
61132	TOTAL SEDIMENT PARTICLE SIZE % 88.0 - 125.0 UM	01/05/97-01/05/97	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
61133	TOTAL SEDIMENT PARTICLE SIZE % 125 - 177 UM	01/05/97-01/05/97	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
61134	TOTAL SEDIMENT PARTICLE SIZE % 177 - 250 UM	01/05/97-01/05/97	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
61135	TOTAL SEDIMENT PARTICLE SIZE % 250 - 350 UM	01/05/97-01/05/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
61136	TOTAL SEDIMENT PARTICLE SIZE % 350 - 500 UM	01/05/97-01/05/97	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
61137	TOTAL SEDIMENT PARTICLE SIZE % 500 - 710 UM	01/05/97-01/05/97	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
61138	TOTAL SEDIMENT PARTICLE SIZE % 710 - 1000 UM	01/05/97-01/05/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
61139	TOTAL SEDIMENT PARTICLE SIZE % 1000 - 1410 UM	01/05/97-01/05/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
61140	TOTAL SEDIMENT PARTICLE SIZE % 1410 - 2000 UM	01/05/97-01/05/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
61141	TOTAL SEDIMENT PARTICLE SIZE % 2000 - 2830 UM	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
61142	MEAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	53.3	53.3	53.3	53.3	0.	0.	**	**	**	**
61143	STANDARD DEVIATION OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	6.11	6.11	6.11	6.11	0.	0.	**	**	**	**
61144	MEDIAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	62.2	62.2	62.2	62.2	0.	0.	**	**	**	**
61145	MODE OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	185.	185.	185.	185.	0.	0.	**	**	**	**
61146	KURTOSIS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	1	-0.98	-0.98	-0.98	-0.98	0.	0.	**	**	**	**
61147	SKEWNESS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	1	-0.12	-0.12	-0.12	-0.12	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/95-12/30/98	23	6500.	6189.87	19600.	184.	31831191.846	5641.914	213.8	1030.	9690.	14667.
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	01/05/97-01/05/97	1	26.7	26.7	26.7	26.7	0.	0.	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	01/05/97-01/05/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/07/95-07/21/98	24	0.104	0.099	0.234	0.017	0.003	0.052	0.028	0.064	0.119	0.184
70511	PHOSPHORUS,ORTHO,IN BOTTOM DEPOS.(MG/KG-P DRY WT)	01/05/97-01/05/97	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
73123	CHLORONAPHTHALENE,1-, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	1	50.2	50.2	50.2	50.2	0.	0.	**	**	**	**
78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	01/05/97-01/05/97	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1	149.	149.	149.	149.	0.	0.	**	**	**	**
78871	OXYCHLORDANE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78924	NONACHLOR, CIS, SEDIMENT, DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1	31.	31.	31.	31.	0.	0.	**	**	**	**
79796	CHLORDANE, CIS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1	0.534	0.534	0.534	0.534	0.	0.	**	**	**	**
79798	METHOXYCHLOR SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
81857	KEPONE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	01/05/97-01/05/97	1	70200.	70200.	70200.	70200.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/07/95-12/30/98	23	9.5	10.587	24.	2.2	29.027	5.388	4.	6.9	13.9	19.72
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/07/95-12/30/98	37	7.6	7.116	8.8	1.	3.071	1.753	4.78	7.25	8.	8.2
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	01/05/97-01/05/97	1	143.	143.	143.	143.	0.	0.	**	**	**	**
85791	ENDRIN KETONE, SEDIMENT, DRY WT,(SF) UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0405

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	38	3	0.08	23	3	0.13	15	0	0.00						
00400	PH	Fresh Chronic	9.	37	0	0.00	22	0	0.00	15	0	0.00						
		Other-Lo Lim.	6.5	37	22	0.59	22	18	0.82	15	4	0.27						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	14	0	0.00	9	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	23	15	0.65	14	9	0.64	9	6	0.67						
		Drinking Water	250.	23	18	0.78	14	12	0.86	9	6	0.67						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	23	13	0.57	14	8	0.57	9	5	0.56						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	3	0	0.00	1	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	16	1	0.06	11	1	0.09	5	0	0.00						
		Drinking Water	1300.	16	0	0.00	11	0	0.00	5	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	18	0	0.00	11	0	0.00	7	0	0.00						
		Drinking Water	15.	18	0	0.00	11	0	0.00	7	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	19	1	0.05	12	1	0.08	7	0	0.00						
		Drinking Water	5000.	19	0	0.00	12	0	0.00	7	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	2	0.14	7	0	0.00	7	2	0.29						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	6	0.60	7	5	0.71	3	1	0.33						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	2	0.50	2	1	0.50	2	1	0.50						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	6	0.29	13	3	0.23	8	3	0.38						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	23	0	0.00	14	0	0.00	9	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0406

NPS Station ID: TIMU0406
LAT/LON: 30.398420/ -81.610698
Agency: 21FLA
Date Created: / /
Location: ST JOHNS R DOWNSTR SM SPOILS IS
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 20030006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS
ECO Region:
RF1 Index: 03080103002
RF1 Mile Point: 29.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080103246800.00
RF3 Mile Point: 1.96
Distance from RF3: 0.05
On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, ST JOHNS ST JOHNS RIVER 100 YARDS DOWNSTREAM FROM SMALL SPOIL ISLAND NE OF REDDIE POINT

Parameter Inventory for Station: TIMU0406

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0407

NPS Station ID: TIMU0407 | LAT/LON: 30.423920/ -81.611920 | Agency: 21FLA | Date Created: / /
Location: BROWARD R WNW ST REGIS PAPER CO | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): 20030143
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080103 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: ST JOHNS | ECO Region:
RF1 Index: 03080103008 | RF1 Mile Point: 0.580 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 03080103000500.09 | RF3 Mile Point: 0.08 | Distance from RF3: 0.04 | On/Off RF3:
Description:
SEGMENT 20.3BA BODY OF WATER: RIVER, BROWARD BROWARD RIVER CENTER WNW OF REGIS PAPER CO

Parameter Inventory for Station: TIMU0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/18/72-11/02/76	9	10.	8.	10.	1.	15.75	3.969	1.	5.5	10.	10.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/72-11/02/76	7	29.	27.357	30.	17.	21.393	4.625	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/18/72-09/26/72	5	16.	16.	27.	7.	55.5	7.45	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/72-07/20/72	3	12700.	12900.	15700.	10300.	7320000.	2705.55	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/19/72-09/26/72	3	6.	5.767	6.3	5.	0.463	0.681	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/02/76-11/02/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/72-07/20/72	4	7.35	7.325	7.6	7.	0.062	0.25	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/72-07/20/72	4	7.347	7.27	7.6	7.	0.067	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/72-07/20/72	4	0.045	0.054	0.1	0.025	0.001	0.032	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/02/76-11/02/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/76-11/02/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/76-11/02/76	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/26/72-09/26/72	1	18020.	18020.	18020.	18020.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/26/72-09/26/72	1	17710.	17710.	17710.	17710.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/72-09/26/72	1	307.	307.	307.	307.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/72-11/02/76	5	0.13	0.192	0.42	0.07	0.02	0.14	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/72-07/20/72	4	1.12	1.81	4.11	0.89	2.363	1.537	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/20/72-11/02/76	2	0.09	0.09	0.16	0.02	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/72-09/26/72	4	0.12	0.115	0.16	0.06	0.002	0.042	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/72-09/26/72	8	5550.	5725.	9300.	4200.	2753571.429	1659.389	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/72-09/26/72	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/26/72-09/26/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/02/76-11/02/76	1	360.	360.	360.	360.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/02/76-11/02/76	1	2.556	2.556	2.556	2.556	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			360.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/72-07/19/72	2	1650.1	1650.1	3300.	0.2	5444340.02	2333.311	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/72-07/19/72	2	1.41	1.41	3.519	-0.699	8.894	2.982	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.69								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-11/02/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/02/76-11/02/76	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.								
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/26/72-09/26/72	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: TIMU0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	5	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	5	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	8	1.00	8	8	1.00									
		Drinking Water	250.	8	8	1.00	8	8	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0408

NPS Station ID: TIMU0408
LAT/LON: 30.401865/ -81.615142
Agency: 21FLDDPU
Date Created: 09/23/95
Location: SJR AT MARKER 60
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXDPU14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	110	21.65	21.762	30.2	11.1	35.041	5.92	13.51	16.375	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/18/95-12/04/96	19	26.	24.763	34.	9.	39.346	6.273	17.	21.	29.	32.5
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	60	0.	18.5	90.	0.	922.288	30.369	0.	0.	27.5	75.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	62	0.74	0.738	1.6	0.	0.088	0.296	0.46	0.53	0.91	1.07
00080	COLOR (PLATINUM-COBALT UNITS)	10/22/86-07/20/88	19	54.	51.158	83.	13.	372.585	19.302	17.	38.	63.	79.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	104	20614.5	20215.356	42800.	539.	104814345.261	10237.888	6270.5	11615.75	27375.	35050.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	108	7.3	7.082	13.	3.9	2.494	1.579	4.9	5.6	8.2	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	89	0.9	0.983	2.8	0.	0.337	0.581	0.3	0.55	1.2	1.8
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	109	7.59	7.451	8.2	6.1	0.199	0.447	6.7	7.3	7.745	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	109	7.59	7.158	8.2	6.1	0.286	0.535	6.7	7.3	7.745	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	109	0.026	0.069	0.794	0.006	0.013	0.114	0.013	0.018	0.05	0.2
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	105	12.	13.155	30.	0.	51.547	7.18	4.	7.4	18.95	23.34
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	108	20.	20.426	70.	0.	79.555	8.919	11.	15.	24.75	30.
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	73	0.9	0.887	1.53	0.1	0.081	0.284	0.558	0.735	1.085	1.27
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	106	0.06	0.057	0.16	0.	0.001	0.034	0.015	0.03	0.08	0.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/96-08/07/96	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	109	0.75	0.743	2.13	0.	0.132	0.363	0.3	0.545	0.905	1.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	105	0.19	0.188	0.5	0.	0.011	0.103	0.05	0.1	0.27	0.33
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/07/96-08/07/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	111	0.1	0.107	0.3	0.03	0.002	0.04	0.052	0.08	0.13	0.158
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/96-08/07/96	1	0.076	0.076	0.076	0.076	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/96-08/07/96	1	3272.	3272.	3272.	3272.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/09/95-12/04/96	4	256.5	331.5	597.	216.	32397.667	179.994	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	105	7863.	7604.076	18531.	0.	16920287.994	4113.428	1849.	4374.	10622.	13015.4
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/95-12/04/96	4	147.	182.625	434.	2.5	41388.229	203.441	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/09/95-12/04/96	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/09/95-12/04/96	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/09/95-12/04/96	4 ##	2.5	4.875	12.	2.5	22.563	4.75	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/09/95-12/04/96	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/95-12/04/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/09/95-12/04/96	4 ##	3.75	4.75	9.	2.5	9.417	3.069	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/09/95-12/04/96	4	537.5	506.75	640.	312.	22991.583	151.63	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/95-12/04/96	4 ##	10.	13.5	24.	10.	49.	7.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/09/95-12/04/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/21/95-07/12/95	2	115.	115.	230.	0.	26450.	162.635	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/21/95-07/12/95	2	1.181	1.181	2.362	0.	2.789	1.67	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.166								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	88	270.	514.227	5000.	20.	698088.844	835.517	40.	115.	500.	1330.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	88	2.429	2.395	3.699	1.301	0.271	0.521	1.602	2.06	2.699	3.123
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			248.49								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	21	50.	171.905	1600.	2.	127780.99	357.465	3.4	18.5	120.	500.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/22/86-07/20/88	21	1.699	1.685	3.204	0.301	0.527	0.726	0.432	1.266	2.078	2.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			48.46								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	73	40.	105.137	900.	4.	33645.648	183.427	8.8	20.	85.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	73	1.602	1.639	2.954	0.602	0.318	0.564	0.942	1.301	1.929	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.504								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/18/91-08/07/96	46	0.	0.228	5.96	0.	0.978	0.989	0.	0.	0.	0.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/11/87-04/14/87	2	9.6	9.6	14.6	4.6	50.	7.071	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	08/07/96-08/07/96	1	3272.	3272.	3272.	3272.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	62	0.078	0.075	0.16	0.	0.001	0.037	0.017	0.05	0.1	0.13
71900	MERCURY, TOTAL (UG/L AS HG)	08/09/95-12/04/96	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	06/21/95-12/04/96	19 ##	0.55	0.995	2.	0.15	0.657	0.81	0.2	0.3	2.	2.
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	10/22/86-07/20/88	12	41.5	40.167	45.	33.	15.424	3.927	33.6	37.25	43.5	45.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	88	6.7	6.417	15.	0.	12.475	3.532	0.	4.025	8.25	11.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	84	11.9	13.743	44.	4.2	91.392	9.56	8.1	8.725	12.425	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0408

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	108	1	0.01	63	1	0.02	45	0	0.00						
00400	PH	Fresh Chronic	9.	109	0	0.00	64	0	0.00	45	0	0.00						
		Other-Lo Lim.	6.5	109	7	0.06	64	4	0.06	45	3	0.07						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	105	0	0.00	64	0	0.00	41	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	105	99	0.94	61	57	0.93	44	42	0.95						
		Drinking Water	250.	105	102	0.97	61	59	0.97	44	43	0.98						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	15.	4	1	0.25	2	0	0.00	2	1	0.50						
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	88	10	0.11	49	5	0.10	39	5	0.13						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	21	4	0.19	10	0	0.00	11	4	0.36						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	73	9	0.12	45	5	0.11	28	4	0.14						
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	2.	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	88	0	0.00	54	0	0.00	34	0	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 1986 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	8	25.75	24.688	30.	16.	25.781	5.078	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	4	22823.5	22350.5	30955.	12800.	55415011.	7444.126	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	8	7.15	6.7	7.9	5.2	1.249	1.117	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	4	0.9	0.925	1.1	0.8	0.023	0.15	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	8	7.6	7.538	8.1	6.5	0.248	0.498	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	8	7.6	7.213	8.1	6.5	0.368	0.607	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	8	0.025	0.061	0.316	0.008	0.011	0.104	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	3	18.	18.333	20.	17.	2.333	1.528	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	4	20.	19.25	22.	15.	8.917	2.986	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	5	1.1	0.742	1.24	0.1	0.346	0.588	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	4	0.065	0.068	0.08	0.06	0.	0.01	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	6	0.45	0.5	1.1	0.	0.304	0.551	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	8	0.21	0.183	0.33	0.	0.012	0.108	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	8	0.115	0.141	0.3	0.1	0.005	0.068	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	4	13006.	12351.75	15377.	8018.	9887818.25	3144.49	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	3	500.	800.	1600.	300.	490000.	700.	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	3	2.699	2.793	3.204	2.477	0.139	0.373	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			621.447								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	10.	16.6	33.	10.	102.8	10.139	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	1.	1.164	1.519	1.	0.056	0.237	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.585								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	3	5.5	5.233	7.	3.2	3.663	1.914	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	5	12.2	11.2	12.8	9.1	3.735	1.933	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	20.1	21.267	29.	12.	42.717	6.536	12.	15.75	28.	29.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	23427.5	21821.5	42800.	1170.	154849627.909	12443.859	1887.	12054.75	32150.	40130.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	7.7	7.336	9.8	3.9	3.801	1.949	4.1	5.6	9.	9.72
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.6	1.617	2.8	0.6	0.609	0.78	0.63	0.85	2.375	2.77
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.55	7.508	7.8	6.8	0.09	0.3	6.92	7.325	7.775	7.8
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.547	7.391	7.8	6.8	0.105	0.324	6.92	7.325	7.775	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.028	0.041	0.158	0.016	0.002	0.04	0.016	0.017	0.048	0.13
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	16.5	15.333	30.	1.	77.152	8.784	1.9	6.5	21.75	28.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	28.	31.083	70.	15.	204.811	14.311	15.9	22.25	35.	61.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.06	0.069	0.11	0.06	0.	0.016	0.06	0.06	0.078	0.104
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.45	0.55	1.	0.1	0.106	0.326	0.13	0.3	0.95	1.
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.17	0.168	0.29	0.08	0.005	0.069	0.08	0.095	0.23	0.275
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.12	0.119	0.19	0.07	0.001	0.036	0.07	0.085	0.148	0.178
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	9062.	8509.417	18531.	315.	27348682.083	5229.597	576.	4347.5	12412.5	16975.8
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	230.	450.75	1600.	22.	254609.659	504.589	23.5	40.	900.	1390.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.361	2.299	3.204	1.342	0.435	0.66	1.369	1.602	2.954	3.129
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			199.027								
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	6	40.	40.167	41.	40.	0.167	0.408	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	22.	21.545	29.5	11.1	40.815	6.389	11.32	16.1	28.	29.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	9	17600.	19757.778	32800.	7820.	79058044.444	8891.459	7820.	12400.	29450.	32800.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	7.8	8.373	13.	6.1	3.25	1.803	6.24	7.5	9.	12.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	1.2	1.273	2.	0.7	0.154	0.393	0.76	1.	1.7	1.96
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.75	7.7	8.2	7.2	0.118	0.343	7.21	7.375	8.025	8.19
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.747	7.584	8.2	7.2	0.133	0.364	7.21	7.375	8.025	8.19
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	10	0.018	0.026	0.063	0.006	0.	0.019	0.006	0.009	0.042	0.062
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	12.	13.727	25.	4.	45.818	6.769	4.4	8.	20.	24.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	22.	22.909	34.	13.	46.291	6.804	13.2	16.	30.	33.2
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	5	0.75	0.714	1.04	0.31	0.082	0.286	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	9	0.06	0.067	0.08	0.06	0.	0.009	0.06	0.06	0.075	0.08
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	11	0.4	0.434	0.7	0.2	0.023	0.151	0.22	0.3	0.6	0.68
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	9	0.23	0.211	0.5	0.06	0.022	0.149	0.06	0.07	0.305	0.5
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	11	0.1	0.109	0.16	0.05	0.001	0.038	0.054	0.08	0.15	0.16
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	8	6947.5	7943.375	12280.	4064.	9871383.982	3141.876	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	300.	447.273	1600.	90.	201021.818	448.355	98.	130.	500.	1460.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	2.477	2.491	3.204	1.954	0.145	0.381	1.986	2.114	2.699	3.154
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			309.693								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	90.	274.	900.	30.	134030.	366.101	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	5	1.954	2.112	2.954	1.477	0.36	0.6	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			129.521								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	5	8.5	8.9	11.	7.	2.55	1.597	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	8	12.2	22.475	44.	8.2	247.108	15.72	**	**	**	**

** - 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 1989 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.25	21.917	29.	14.	32.492	5.7	14.15	16.25	27.	29.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	30790.	30204.833	39870.	20629.	54303706.879	7369.105	20804.2	22825.	36902.75	39849.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.55	6.75	9.8	4.8	2.834	1.683	4.86	5.175	8.325	9.53
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	1.3	1.133	1.6	0.2	0.173	0.416	0.35	0.775	1.4	1.57
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.719	7.99	7.2	0.053	0.229	7.29	7.525	7.895	7.963
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.8	7.655	7.99	7.2	0.057	0.239	7.29	7.525	7.895	7.963
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.016	0.022	0.063	0.01	0.	0.015	0.011	0.013	0.03	0.054
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	20.	19.333	27.	12.	30.242	5.499	12.	14.	24.	26.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	20.	19.083	28.	8.	38.992	6.244	8.9	15.	24.	27.7
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.805	0.726	1.	0.2	0.062	0.249	0.245	0.578	0.9	0.997
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.073	0.075	0.158	0.03	0.001	0.036	0.03	0.05	0.096	0.144
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.63	0.605	0.9	0.1	0.053	0.231	0.16	0.5	0.788	0.885
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.095	0.121	0.25	0.05	0.006	0.077	0.05	0.05	0.208	0.238
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.1	0.103	0.16	0.05	0.001	0.033	0.053	0.08	0.13	0.151
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	11752.	11042.417	15211.	7524.	7351257.356	2711.32	7625.7	8139.5	13610.75	14786.2
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	115.	244.417	1600.	23.	189450.447	435.259	25.1	42.5	215.	1210.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.05	2.058	3.204	1.362	0.26	0.51	1.396	1.584	2.332	2.986
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			114.23								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	23.	126.5	900.	4.	66612.455	258.094	5.2	8.75	117.5	720.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.362	1.521	2.954	0.602	0.484	0.696	0.692	0.938	2.034	2.811
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.17								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	5.6	6.364	14.	3.8	7.875	2.806	3.88	4.7	7.4	12.74
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	12	12.2	11.975	12.8	10.7	0.346	0.588	10.79	11.9	12.2	12.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	7	20.	21.	28.	12.	31.083	5.575	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	7	21900.	22467.143	25800.	19800.	6497223.81	2548.965	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	7	6.9	7.	9.	5.1	1.923	1.387	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	7	1.2	1.071	1.3	0.7	0.059	0.243	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	7	7.6	7.643	7.9	7.5	0.016	0.127	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	7	7.6	7.629	7.9	7.5	0.016	0.128	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	7	0.025	0.024	0.032	0.013	0.	0.006	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	7	14.	14.286	20.	10.	11.571	3.402	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	7	20.	19.286	24.	12.	16.571	4.071	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	7	0.85	0.873	1.09	0.77	0.013	0.115	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	7	0.09	0.09	0.13	0.05	0.001	0.031	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	7	0.82	0.834	0.91	0.77	0.003	0.056	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	3	0.05	0.09	0.19	0.03	0.008	0.087	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	7	0.1	0.101	0.11	0.1	0.	0.004	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	7	8497.	8293.	10679.	6498.	2068829.667	1438.343	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	7	300.	230.	500.	50.	27500.	165.831	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	7	2.477	2.234	2.699	1.699	0.15	0.387	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			171.254								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	7	8.	29.143	80.	4.	1069.143	32.698	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	7	0.903	1.177	1.903	0.602	0.312	0.559	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.015								
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	7	7.2	6.571	8.8	3.3	4.762	2.182	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	7	12.2	12.243	13.1	11.6	0.193	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	4	20.	21.	28.5	15.5	30.167	5.492	**	**	**	**
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	4	0.53	0.59	0.84	0.46	0.029	0.17	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	4	9300.	8825.	11300.	5400.	7409166.667	2721.978	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	3	7.3	7.067	8.5	5.4	2.443	1.563	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	4	0.5	0.6	1.1	0.3	0.147	0.383	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	4	6.9	6.725	7.	6.1	0.176	0.419	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	4	6.9	6.543	7.	6.1	0.22	0.469	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	4	0.126	0.287	0.794	0.1	0.115	0.339	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	4	6.	6.75	12.	3.	14.25	3.775	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	4	15.	15.75	22.	11.	26.917	5.188	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	4	1.31	1.25	1.53	0.85	0.083	0.288	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	4	0.055	0.055	0.06	0.05	0.	0.006	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	4	0.97	0.93	1.18	0.6	0.06	0.245	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	4	0.34	0.32	0.35	0.25	0.002	0.048	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	4	0.115	0.12	0.14	0.11	0.	0.014	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	4	3655.5	4701.75	9497.	1999.	11173680.917	3342.706	**	**	**	**
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	4	1300.	1932.5	5000.	130.	5152891.667	2269.998	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	4	2.919	2.913	3.699	2.114	0.549	0.741	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			818.353								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	4	95.	107.5	220.	20.	10625.	103.078	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	4	1.766	1.794	2.342	1.301	0.326	0.571	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			62.192								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	4	0.125	0.125	0.14	0.11	0.	0.013	**	**	**	**
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	4	4.9	4.775	9.3	0.	15.563	3.945	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	4	11.45	11.125	13.1	8.5	4.043	2.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	17.8	19.373	28.5	13.5	33.716	5.807	13.52	14.	26.	28.3
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	11	0.61	0.671	0.91	0.46	0.041	0.201	0.46	0.46	0.91	0.91
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	11	16660.	17948.091	34900.	539.	90386298.091	9507.171	2551.2	10870.	25200.	33320.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	7.3	7.118	9.4	5.	2.112	1.453	5.04	5.3	8.1	9.26
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	0.9	0.755	1.2	0.1	0.109	0.33	0.14	0.5	1.	1.16
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	11	6.7	6.691	7.	6.4	0.037	0.192	6.42	6.5	6.9	6.98
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	11	6.7	6.654	7.	6.4	0.038	0.196	6.42	6.5	6.9	6.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	11	0.2	0.222	0.398	0.1	0.009	0.094	0.105	0.126	0.316	0.382
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	10.	12.273	28.	0.	65.818	8.113	0.8	8.	19.	26.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	17.	17.273	25.	10.	28.818	5.368	10.	12.	21.	25.
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	11	1.03	1.005	1.35	0.65	0.065	0.255	0.664	0.73	1.29	1.342
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	11 ##	0.03	0.055	0.11	0.025	0.001	0.036	0.025	0.025	0.1	0.108
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	11	0.82	0.81	1.02	0.6	0.022	0.15	0.606	0.65	0.98	1.012
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	11	0.16	0.195	0.33	0.05	0.012	0.111	0.054	0.1	0.31	0.33
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	11	0.14	0.142	0.21	0.05	0.003	0.055	0.05	0.12	0.18	0.208
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	11	6398.	7006.545	14995.	145.	16411642.073	4051.128	845.8	4149.	9997.	14020.4
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	230.	653.636	5000.	110.	2090545.455	1445.872	110.	130.	300.	4100.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	2.362	2.419	3.699	2.041	0.221	0.47	2.041	2.114	2.477	3.499
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			262.66								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	40.	119.091	700.	10.	41029.091	202.556	10.	20.	80.	606.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	1.602	1.702	2.845	1.	0.319	0.565	1.	1.301	1.903	2.748
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.353								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	11	0.12	0.116	0.16	0.07	0.001	0.027	0.074	0.1	0.14	0.156
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	5.9	4.782	14.4	0.	21.916	4.681	0.	0.	7.7	13.14
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	10	8.5	9.44	13.7	4.9	8.203	2.864	5.11	7.675	12.425	13.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	21.5	21.508	30.2	11.5	47.159	6.867	12.1	15.35	28.675	30.02
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	12	0.8	0.653	1.	0.	0.122	0.349	0.	0.478	0.91	0.973
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	19749.	21816.667	41600.	9280.	103610115.697	10178.905	9946.3	12725.	30075.	39980.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	6.75	6.558	8.9	4.6	2.71	1.646	4.63	4.775	7.875	8.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	12	0.45	0.475	1.1	0.1	0.093	0.305	0.13	0.2	0.75	1.01
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.44	7.229	7.72	6.3	0.258	0.508	6.36	6.725	7.623	7.714
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.44	6.931	7.72	6.3	0.355	0.596	6.36	6.725	7.622	7.714
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.036	0.117	0.501	0.019	0.023	0.153	0.019	0.024	0.189	0.446
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	12.75	13.808	26.7	4.	45.764	6.765	4.78	8.	18.9	25.56
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	20.	19.5	28.	13.	18.455	4.296	13.6	15.25	22.75	26.5
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	12	0.92	0.933	1.27	0.51	0.042	0.205	0.573	0.8	1.1	1.231
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.08	0.064	0.1	0.03	0.001	0.031	0.03	0.03	0.09	0.1
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.8	0.74	0.95	0.45	0.023	0.153	0.477	0.59	0.855	0.923
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.22	0.193	0.32	0.06	0.007	0.083	0.066	0.103	0.253	0.308
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.1	0.091	0.13	0.05	0.001	0.03	0.05	0.053	0.118	0.127
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	8009.5	8353.583	16370.	3124.	15426052.265	3927.601	3274.	4998.75	11183.75	15282.8
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	400.	550.	2200.	80.	403000.	634.823	80.	92.5	725.	1930.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	12	2.588	2.489	3.342	1.903	0.249	0.499	1.903	1.956	2.852	3.274
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			308.475								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	80.	129.167	700.	20.	35281.061	187.833	20.	25.	160.	541.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	12	1.903	1.853	2.845	1.301	0.217	0.466	1.301	1.376	2.201	2.661
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			71.291								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	12	0.085	0.078	0.11	0.03	0.	0.022	0.039	0.06	0.09	0.107
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	3.35	3.942	9.8	0.	13.877	3.725	0.	0.	8.075	9.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	11	22.8	23.155	29.8	13.6	31.265	5.591	14.14	16.7	27.6	29.64
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	11	0.61	0.782	1.6	0.38	0.137	0.37	0.38	0.53	0.91	1.524
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	11	15609.	15254.273	27723.	3946.	74472103.618	8629.722	4150.4	7239.	21716.	27495.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	11	6.8	6.664	9.1	4.8	2.261	1.504	4.8	5.2	8.1	8.94
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	11	0.5	0.664	1.7	0.	0.219	0.467	0.06	0.4	0.9	1.6
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	11	7.73	7.703	8.08	7.38	0.058	0.24	7.38	7.47	7.9	8.058
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	11	7.73	7.644	8.08	7.38	0.062	0.248	7.38	7.47	7.9	8.058
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	11	0.019	0.023	0.042	0.008	0.	0.012	0.009	0.013	0.034	0.042
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	11	7.8	8.673	17.	2.1	27.756	5.268	2.22	4.	12.9	16.84
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	11	18.	18.182	32.	0.	72.564	8.518	2.4	13.	24.	30.8
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	10	0.83	0.853	1.23	0.6	0.034	0.184	0.61	0.7	0.948	1.21
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	11	0.03	0.039	0.09	0.	0.001	0.032	0.003	0.015	0.08	0.088
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	10	0.63	0.668	0.9	0.53	0.016	0.126	0.532	0.573	0.773	0.894
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	10	0.17	0.185	0.39	0.02	0.016	0.125	0.023	0.095	0.303	0.388
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	10	0.095	0.085	0.14	0.03	0.001	0.036	0.032	0.05	0.113	0.138
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	11	6123.	4862.091	9872.	0.	11575832.891	3402.328	225.	1624.	7373.	9672.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	300.	393.636	1300.	20.	142545.455	377.552	24.	110.	500.	1200.
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	11	2.477	2.367	3.114	1.301	0.292	0.54	1.361	2.041	2.699	3.072
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			232.817								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	70.	65.455	170.	10.	2987.273	54.656	10.	20.	110.	162.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	11	1.845	1.631	2.23	1.	0.208	0.456	1.	1.301	2.041	2.207
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.749								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	11	0.08	0.062	0.1	0.	0.002	0.039	0.003	0.015	0.1	0.1
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	11	9.2	8.818	15.	3.5	11.516	3.393	3.6	6.8	11.	14.4
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	9	12.	10.978	12.7	8.6	3.204	1.79	8.6	8.65	12.35	12.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	12	22.55	22.025	29.4	13.1	37.287	6.106	13.73	16.175	28.75	29.28
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	11	60.	51.364	90.	10.	845.455	29.077	11.	20.	75.	88.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	12	0.69	0.778	1.4	0.48	0.101	0.318	0.495	0.53	0.888	1.394
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	12	19297.5	17511.083	31447.	895.	136014978.811	11662.546	1511.5	5299.75	30005.	31170.7
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	12	7.45	7.15	8.4	4.8	1.334	1.155	5.13	6.125	8.15	8.37
00310p	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	5	0.9	1.12	2.	0.2	0.707	0.841	**	**	**	**
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.615	7.645	7.93	7.48	0.018	0.135	7.483	7.545	7.7	7.9
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	12	7.614	7.627	7.93	7.48	0.018	0.136	7.483	7.545	7.7	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	12	0.024	0.024	0.033	0.012	0.	0.007	0.013	0.02	0.029	0.033
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	12	11.45	10.592	19.6	0.5	53.63	7.323	0.83	2.95	18.55	19.39
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	16.	18.667	42.	6.	111.333	10.551	6.9	9.5	26.75	38.4
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	7	1.06	0.98	1.27	0.63	0.054	0.232	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12 ##	0.015	0.031	0.08	0.015	0.001	0.026	0.015	0.015	0.06	0.077
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	0.865	1.033	2.13	0.32	0.285	0.534	0.413	0.718	1.385	2.055
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.23	0.223	0.38	0.07	0.01	0.098	0.085	0.133	0.305	0.365
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12 ##	0.082	0.09	0.13	0.075	0.	0.02	0.075	0.075	0.105	0.127
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	6341.5	5926.333	10872.	200.	17575655.697	4192.333	383.6	1577.5	10622.	10797.
31506p	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	5	300.	426.	800.	230.	53880.	232.121	**	**	**	**
31506p	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	5	2.477	2.584	2.903	2.362	0.047	0.216	**	**	**	**
31506p	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			383.359								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	6	60.	81.667	230.	20.	5856.667	76.529	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	6	1.753	1.779	2.362	1.301	0.132	0.364	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.096								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	12	0.055	0.052	0.07	0.015	0.	0.016	0.023	0.04	0.068	0.07
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	6.7	7.025	14.	3.4	8.342	2.888	3.73	5.175	7.3	13.1

** - 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 1995 - Station TIMU0408

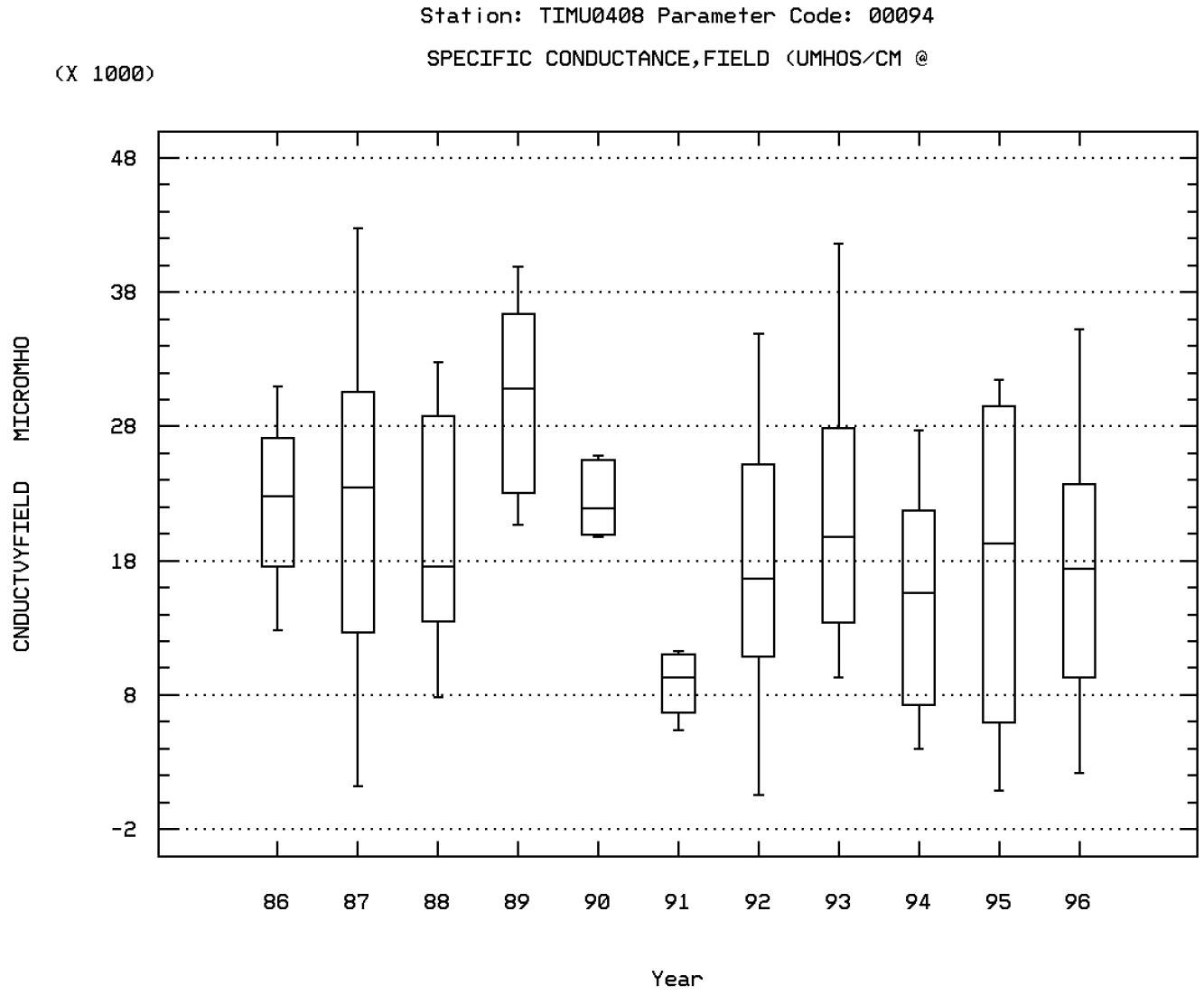
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	11	9.1	9.4	13.1	4.2	6.246	2.499	4.92	8.	11.2	13.08

** - 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 1996 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	10	23.45	21.99	29.1	12.4	42.548	6.523	12.42	15.525	28.025	29.09
00032	CLOUD COVER (PERCENT)	09/18/91-12/04/96	11	60.	49.545	90.	5.	1047.273	32.362	7.	20.	85.	90.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/91-12/04/96	12	0.955	0.855	1.12	0.5	0.055	0.234	0.5	0.563	1.	1.114
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	10	17367.5	18113.	35270.	2177.	117532916.222	10841.26	2848.7	9203.	26588.75	35263.1
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	10	7.15	7.12	9.4	4.6	2.773	1.665	4.63	5.8	8.95	9.37
00400p	PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.55	7.492	7.77	6.97	0.055	0.235	6.998	7.385	7.643	7.764
00400p	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	10	7.548	7.424	7.77	6.97	0.06	0.246	6.998	7.385	7.643	7.764
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	10	0.028	0.038	0.107	0.017	0.001	0.027	0.017	0.023	0.042	0.102
00480p	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	10	10.2	10.91	22.2	1.2	48.825	6.988	1.58	5.15	16.275	22.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	12	16.	19.083	39.	9.	84.629	9.199	10.2	13.	24.25	37.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	12	0.02	0.033	0.16	0.005	0.002	0.043	0.005	0.01	0.038	0.13
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	12	1.15	1.079	1.92	0.178	0.186	0.431	0.308	0.823	1.318	1.752
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	12	0.21	0.198	0.33	0.05	0.007	0.085	0.062	0.135	0.263	0.324
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	12	0.09	0.089	0.12	0.05	0.001	0.023	0.053	0.072	0.108	0.12
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	12	5498.	6006.667	12621.	500.	13895336.424	3727.645	1137.2	2887.5	8655.25	12396.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/91-12/04/96	12	0.06	0.051	0.09	0.005	0.001	0.029	0.007	0.023	0.079	0.087
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	12	7.	7.35	12.	2.5	9.797	3.13	3.1	4.675	10.5	12.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	12	8.65	8.925	11.4	7.8	0.797	0.893	7.95	8.5	9.275	10.77

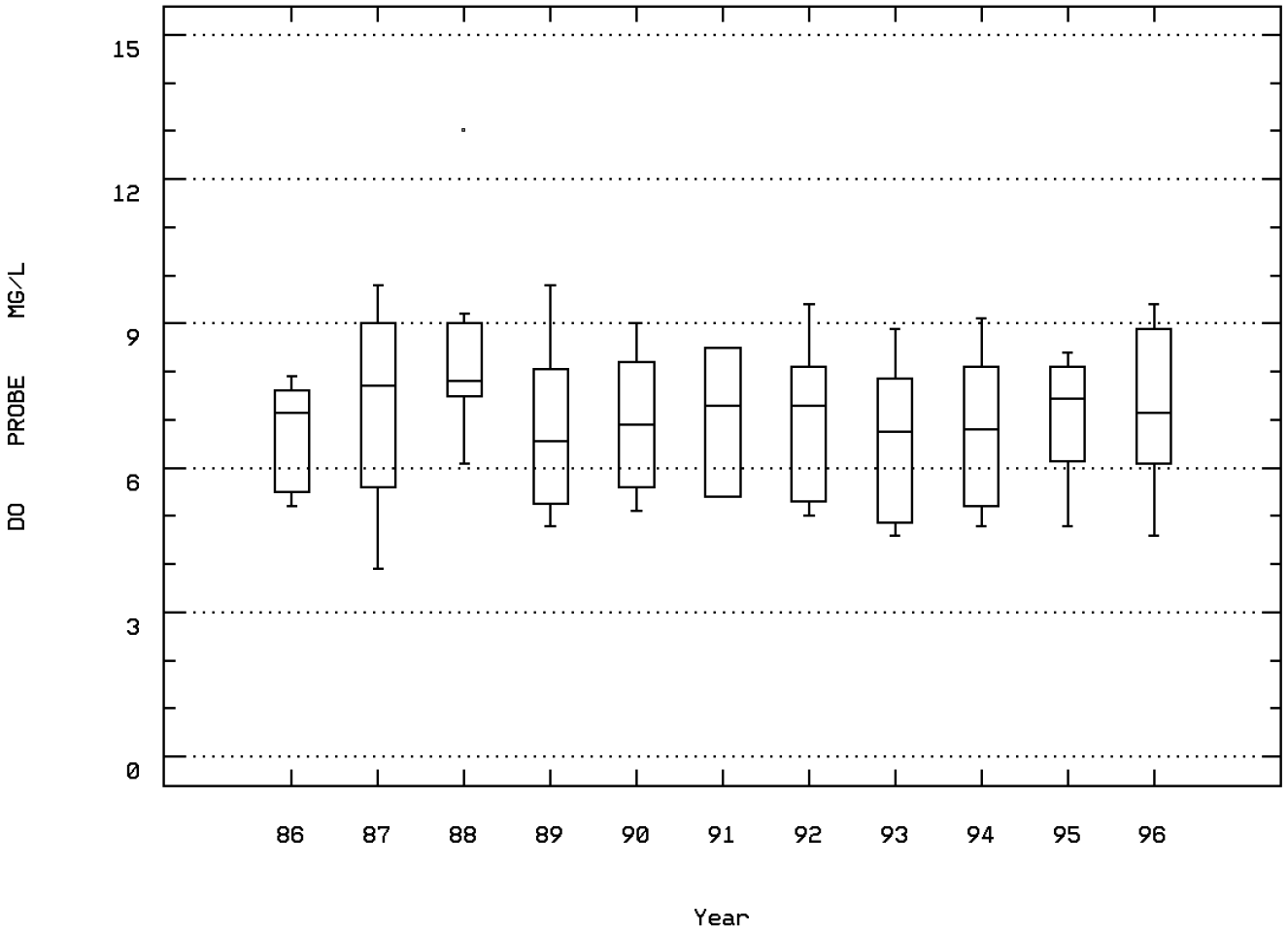
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00299

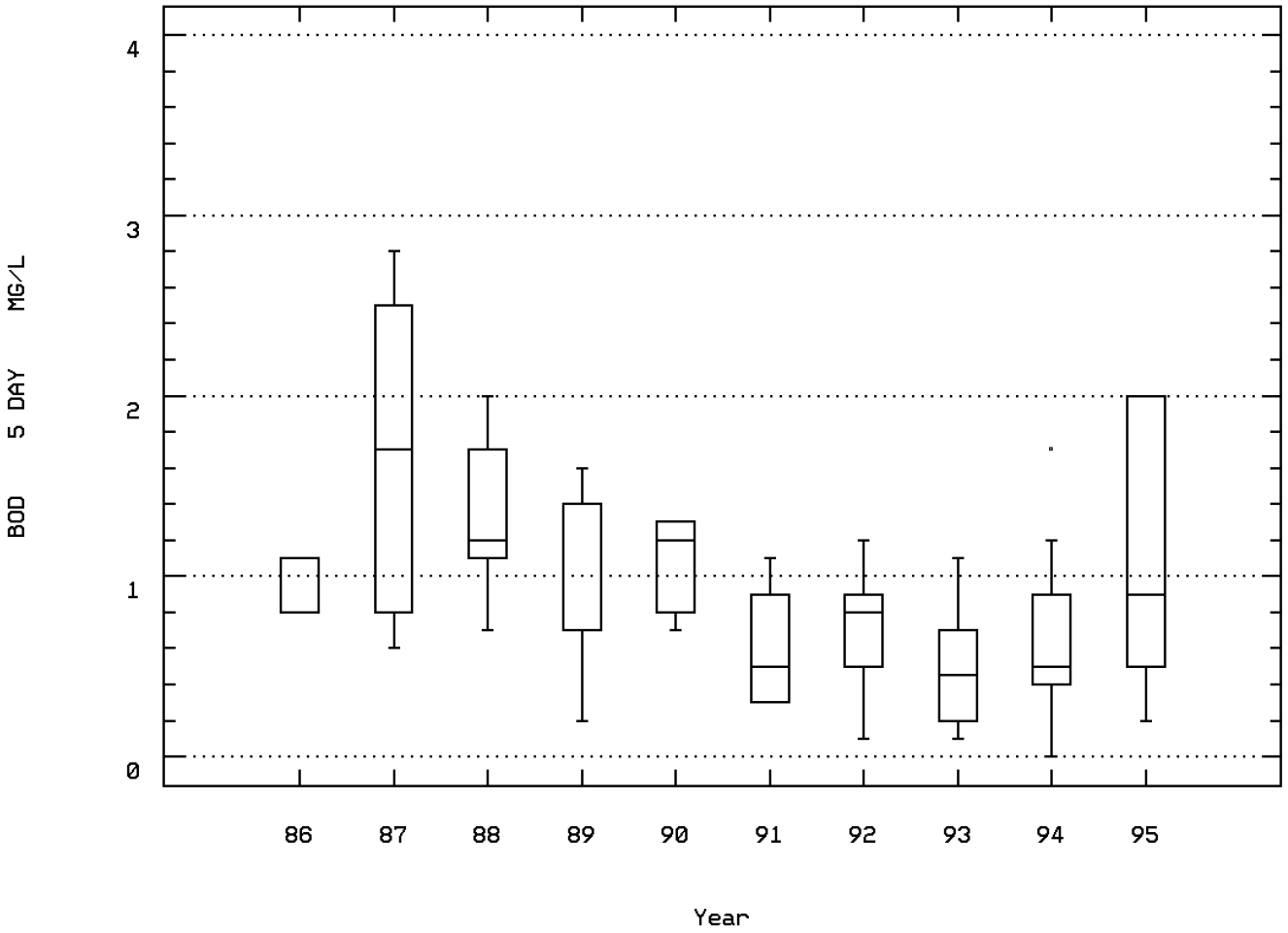
OXYGEN, DISSOLVED, ANALYSIS BY PROBE



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00310

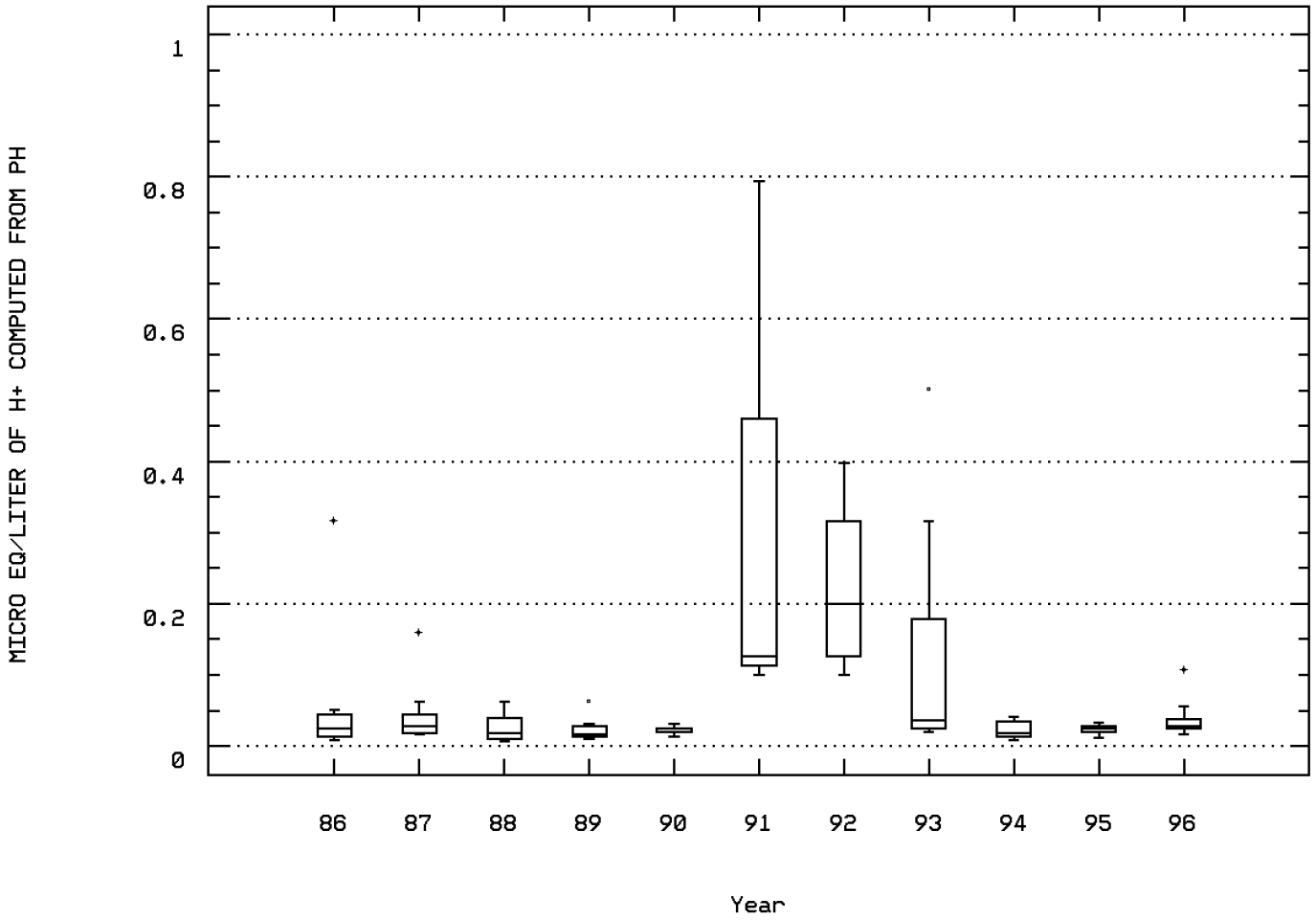
BOD, 5 DAY, 20 DEG C



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00400

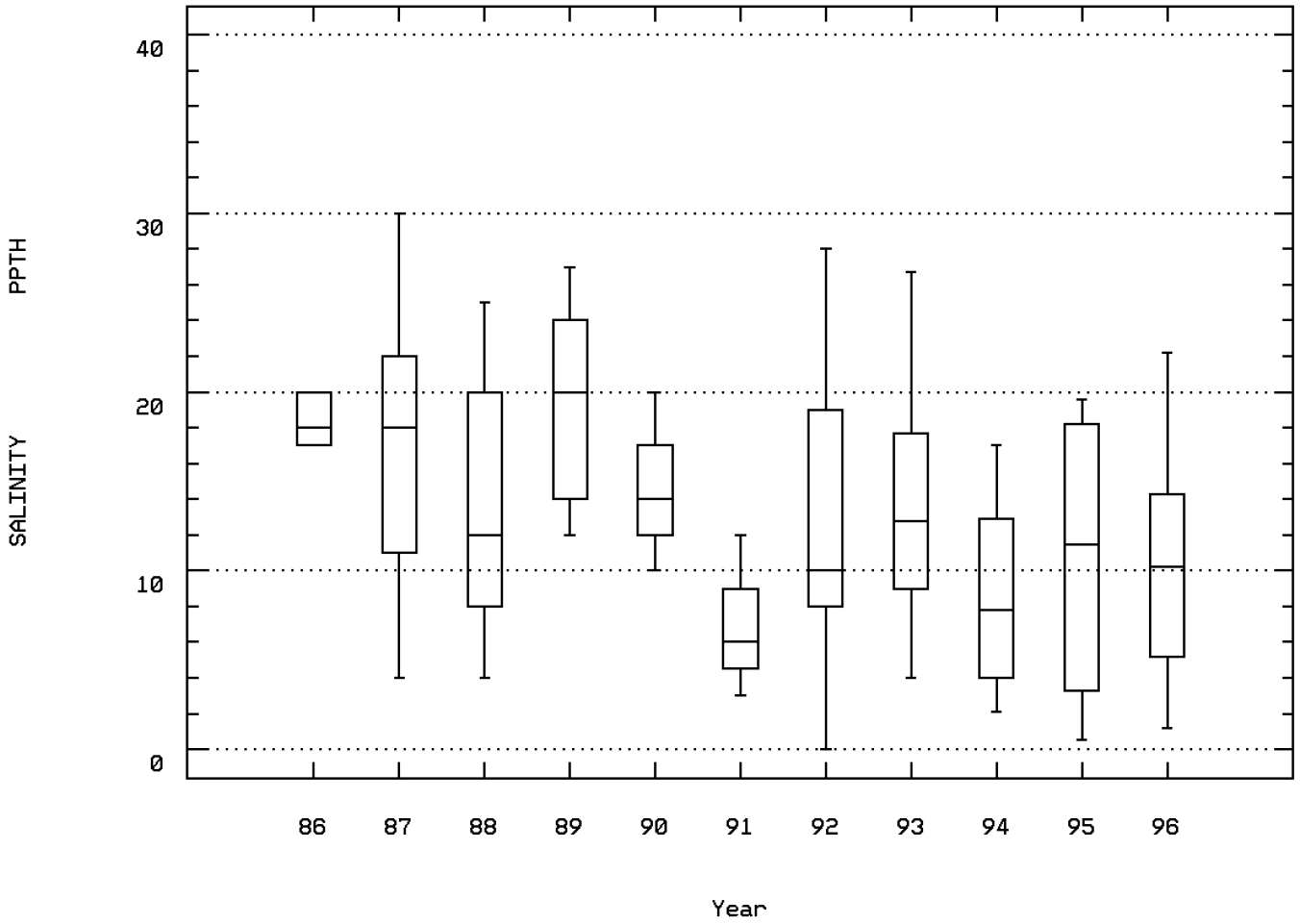
MICRO EQ/LITER OF H+ COMPUTED FROM PH



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00480

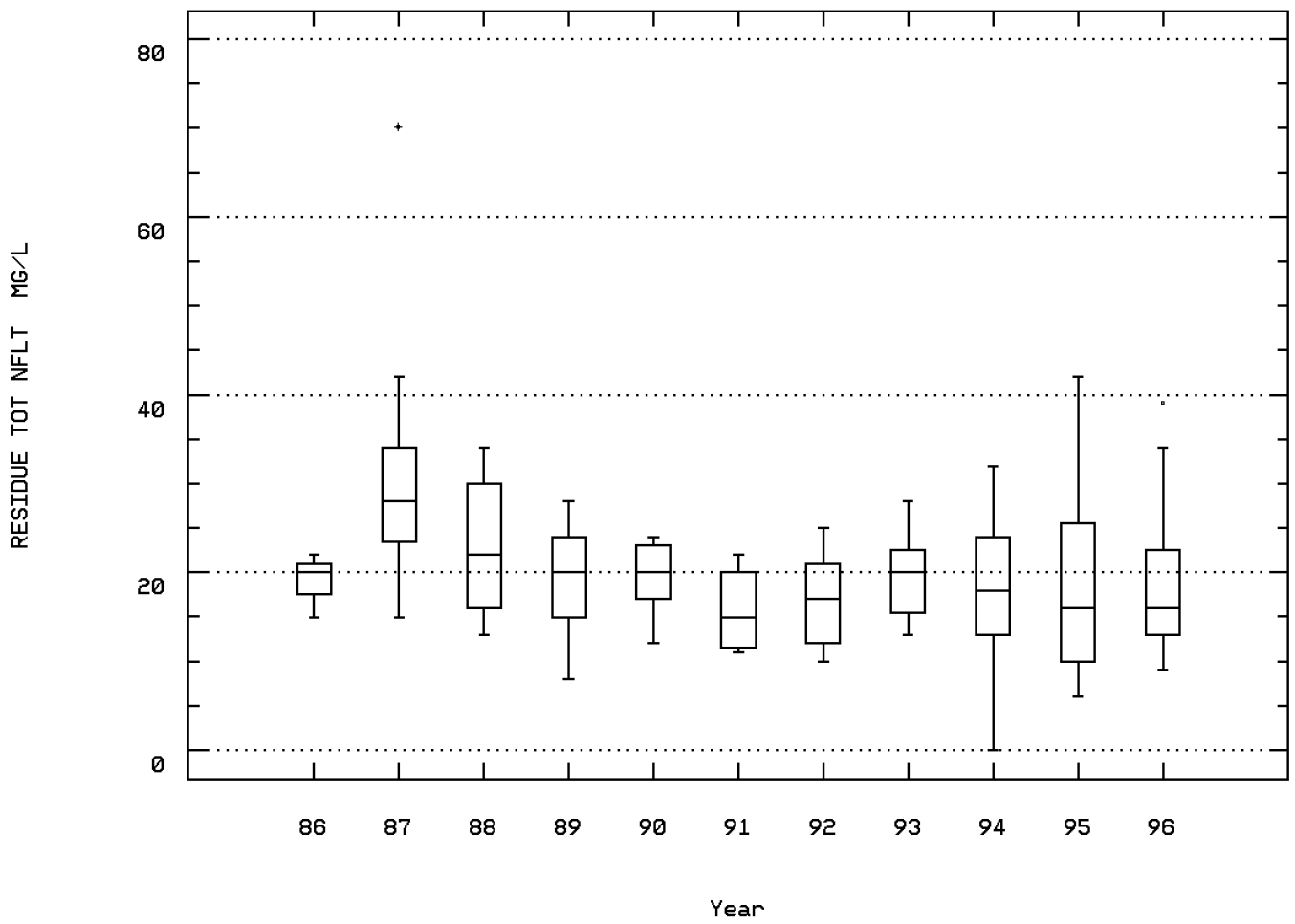
SALINITY - PARTS PER THOUSAND



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00530

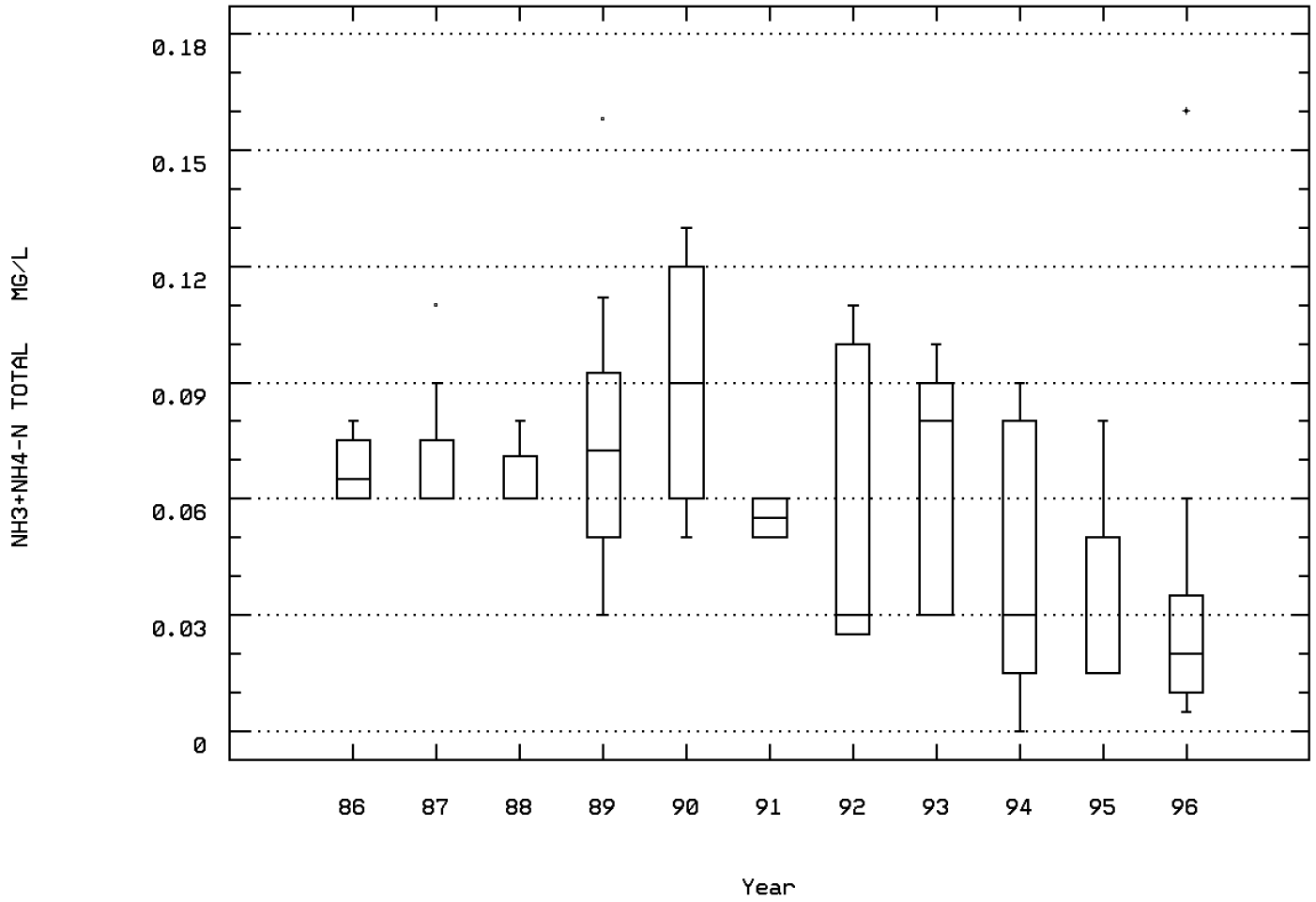
RESIDUE, TOTAL NONFILTRABLE (MG/L)



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00610

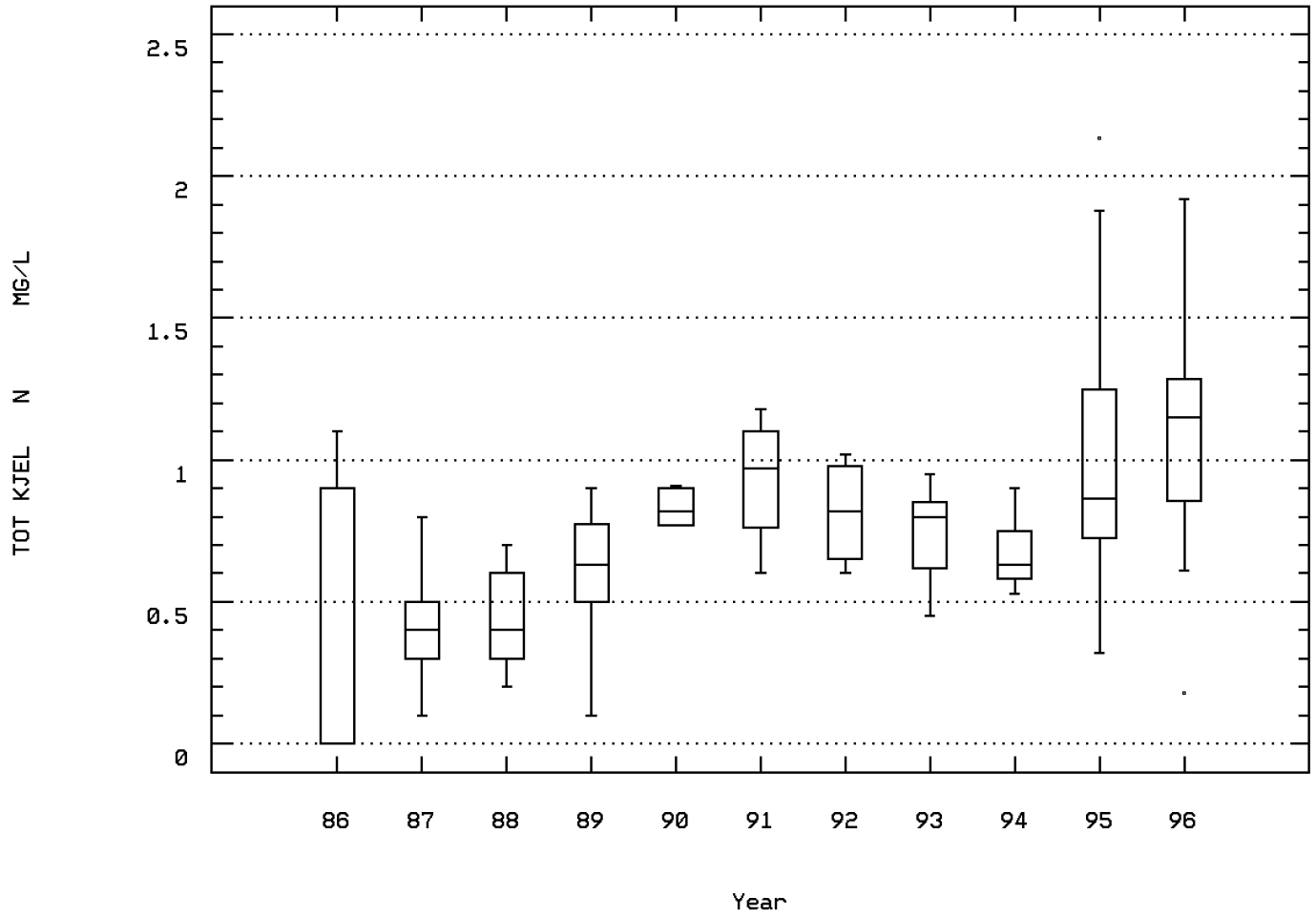
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



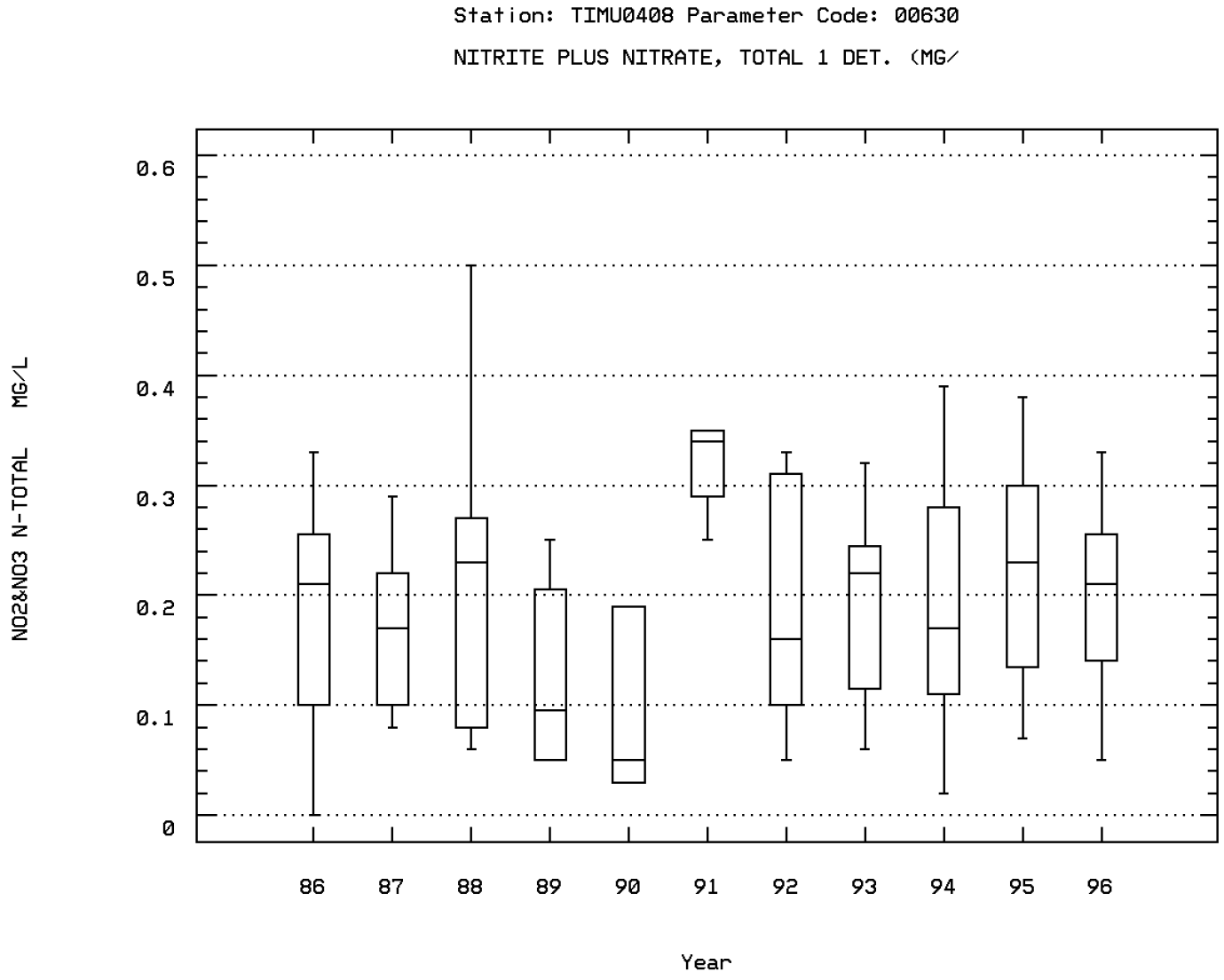
SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00625

NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



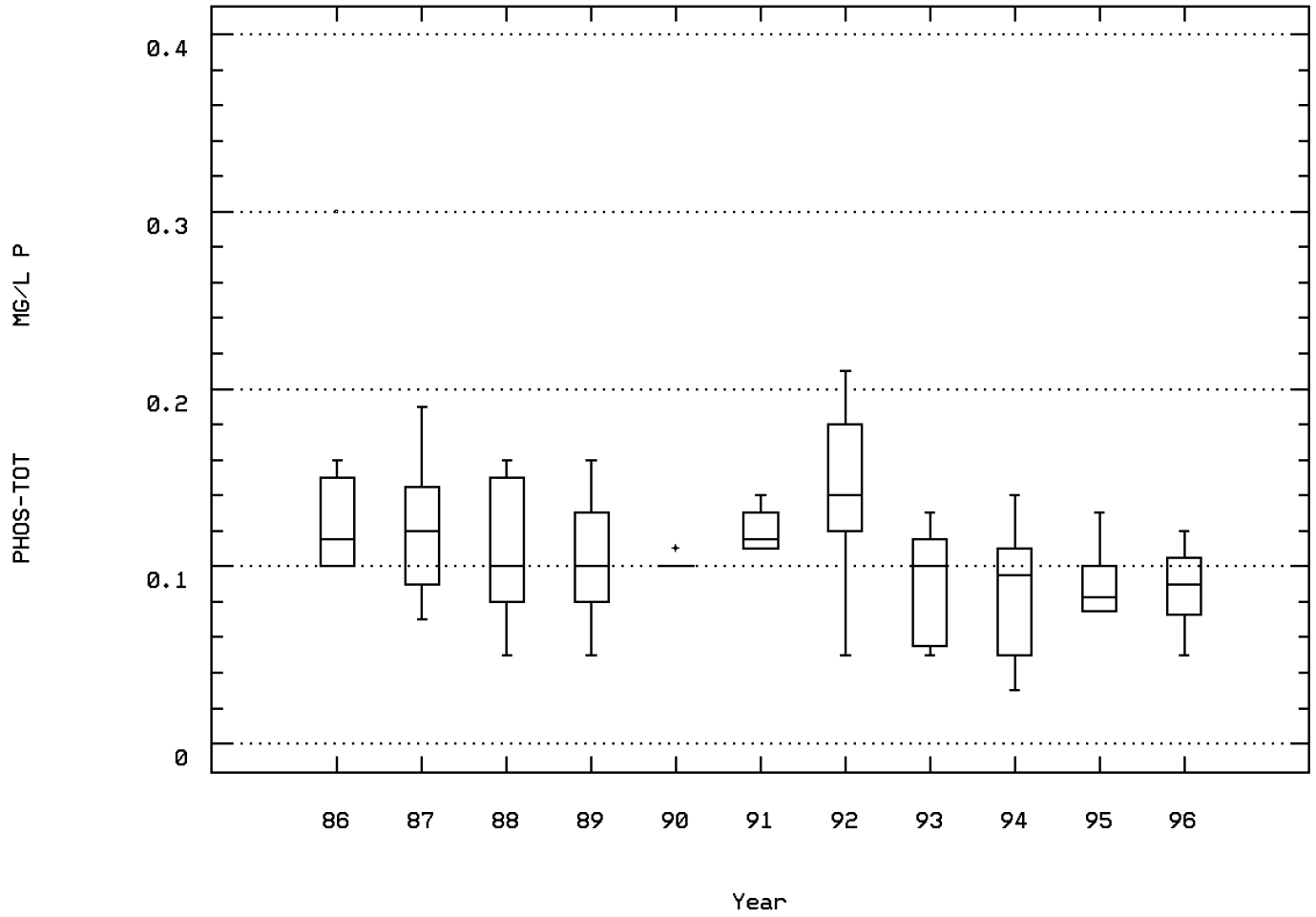
SJR AT MARKER 60



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00665

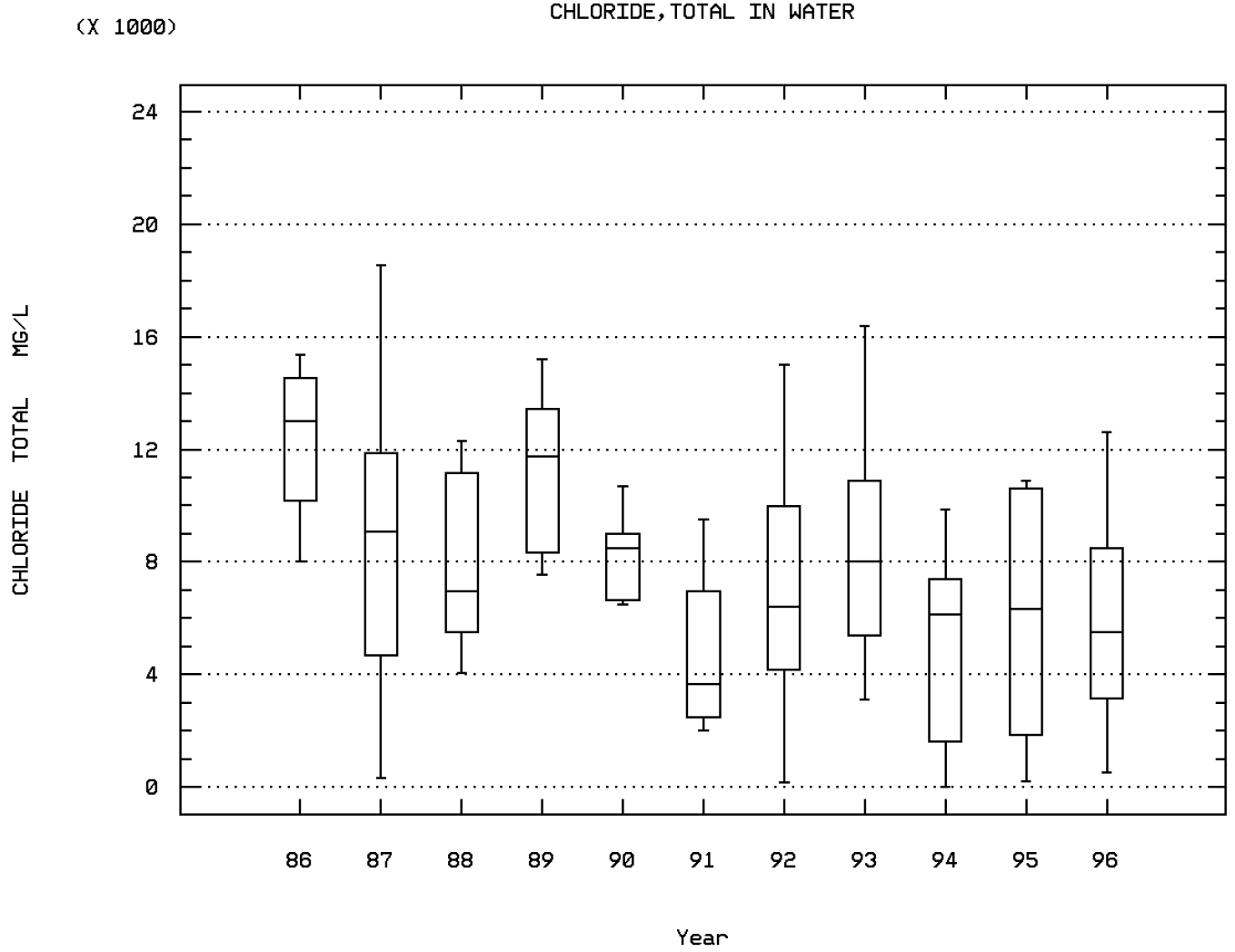
PHOSPHORUS, TOTAL (MG/L AS P)



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 00940

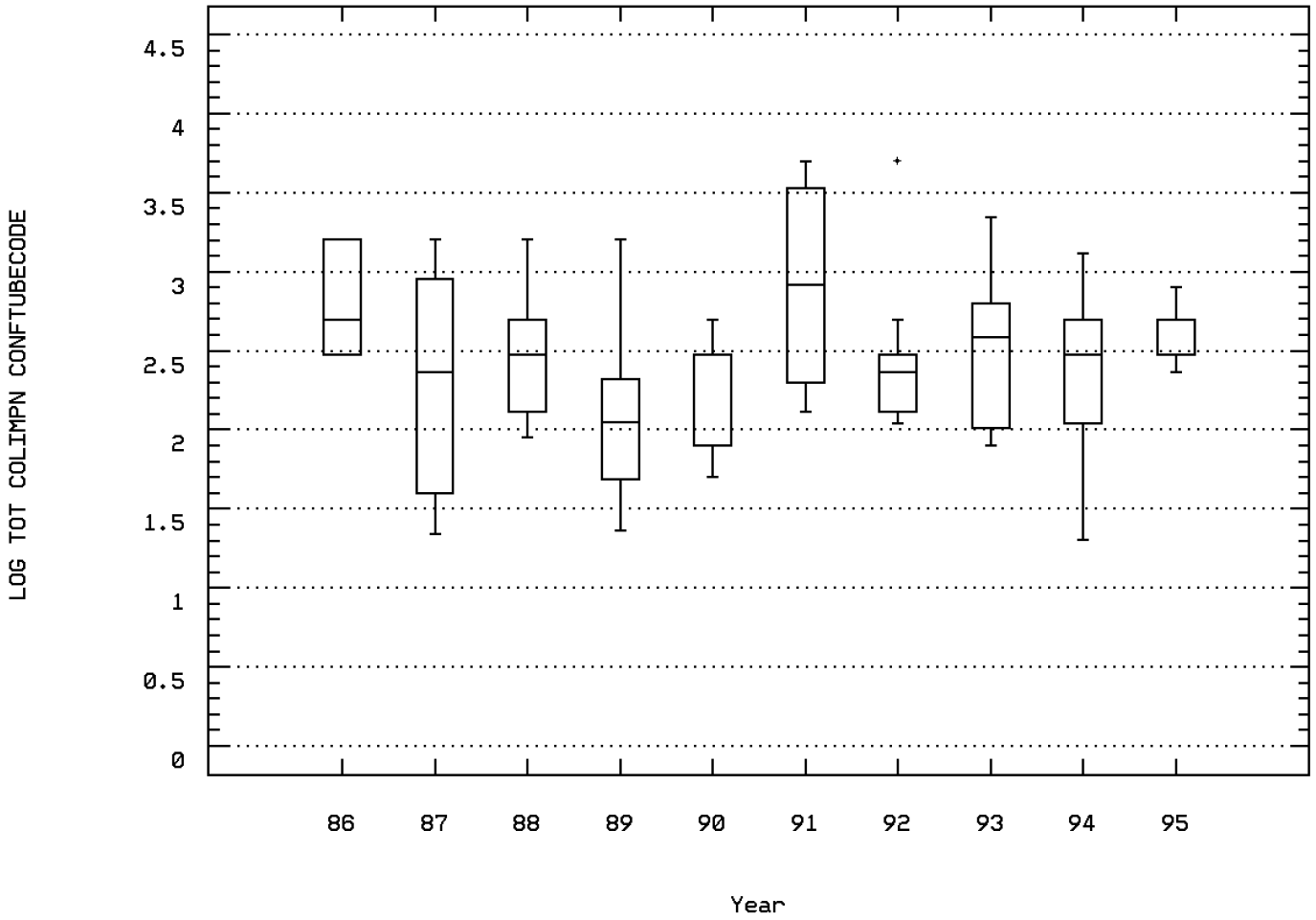
CHLORIDE,TOTAL IN WATER



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 31506

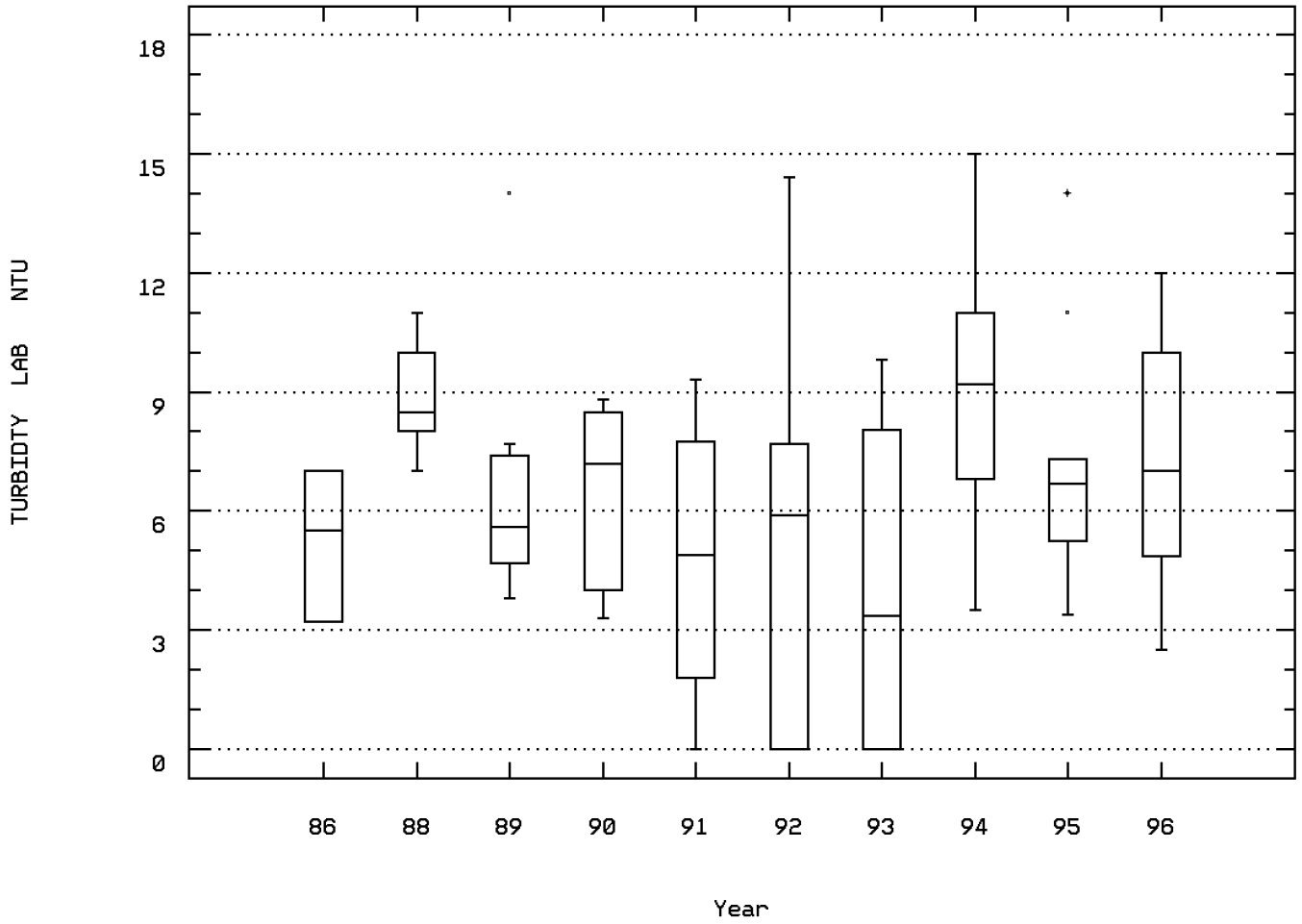
LOG COLIFORM,TOT,MPN, CONFIRMED TEST, T



SJR AT MARKER 60

Station: TIMU0408 Parameter Code: 82079

TURBIDITY,LAB NEPHELOMETRIC TURBIDITY U



SJR AT MARKER 60

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	65	27.2	25.897	30.2	17.8	11.679	3.417	21.	23.15	29.	29.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	59	22600.	21731.712	42800.	539.	119101144.657	10913.347	4968.	13300.	30526.	35411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	63	6.	6.208	13.	3.9	2.032	1.426	4.8	5.1	7.2	7.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	50	1.	1.	2.7	0.1	0.291	0.54	0.3	0.6	1.3	1.7
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	64	7.595	7.488	8.1	6.1	0.174	0.417	6.8	7.385	7.753	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	64	7.595	7.197	8.1	6.1	0.261	0.511	6.8	7.385	7.753	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	64	0.025	0.064	0.794	0.008	0.015	0.121	0.013	0.018	0.041	0.163
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	60	14.65	14.753	30.	0.	57.015	7.551	2.96	9.9	20.075	24.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	63	20.	20.492	70.	6.	91.189	9.549	11.	14.	25.	30.
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	46	0.845	0.826	1.35	0.1	0.075	0.274	0.462	0.715	1.03	1.188
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	61	0.05	0.049	0.158	0.005	0.001	0.033	0.015	0.02	0.071	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	65	0.72	0.725	2.13	0.	0.115	0.339	0.3	0.535	0.9	1.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	64	0.14	0.164	0.5	0.	0.01	0.101	0.05	0.083	0.24	0.275
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	67	0.11	0.115	0.3	0.03	0.002	0.042	0.074	0.09	0.13	0.16
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	61	8366.	8151.557	18531.	145.	17743992.917	4212.362	1874.	5034.5	11184.	13291.6
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	49	220.	439.837	5000.	20.	652191.264	807.584	30.	80.	300.	1300.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	49	2.342	2.275	3.699	1.301	0.305	0.553	1.477	1.903	2.477	3.114
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			188.442								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	45	30.	104.222	900.	4.	43284.131	208.048	8.	10.	80.	258.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	45	1.477	1.557	2.954	0.602	0.348	0.59	0.903	1.	1.903	2.408
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.047								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	54	5.65	5.896	15.	0.	11.883	3.447	0.	3.55	8.	10.65
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	52	11.45	12.213	40.	4.2	52.078	7.217	8.23	8.625	12.2	13.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-12/04/96	45	15.8	15.789	22.5	11.1	8.071	2.841	12.	13.55	17.15	20.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/86-12/04/96	45	19798.	18227.244	37400.	1170.	81238271.825	9013.228	6444.6	10287.	25200.	30442.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/14/86-12/04/96	45	8.2	8.307	9.8	6.9	0.574	0.758	7.26	7.75	8.95	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/20/86-05/09/95	39	0.9	0.962	2.8	0.	0.405	0.636	0.2	0.5	1.2	2.
00400	PH (STANDARD UNITS)	05/14/86-12/04/96	45	7.59	7.398	8.2	6.3	0.235	0.485	6.66	6.935	7.745	7.946
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-12/04/96	45	7.59	7.109	8.2	6.3	0.321	0.566	6.66	6.935	7.745	7.946
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-12/04/96	45	0.026	0.078	0.501	0.006	0.011	0.104	0.011	0.018	0.117	0.22
00480	SALINITY - PARTS PER THOUSAND	07/16/86-12/04/96	45	11.	11.024	24.	1.	37.26	6.104	4.	5.1	15.	20.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/86-12/04/96	45	20.	20.333	42.	0.	64.955	8.059	12.	15.	24.	32.8
00600	NITROGEN, TOTAL (MG/L AS N)	05/14/86-07/12/95	27	1.	0.99	1.53	0.2	0.076	0.275	0.692	0.82	1.16	1.318
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/86-12/04/96	45	0.07	0.068	0.16	0.	0.001	0.031	0.021	0.06	0.084	0.104
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/14/86-12/04/96	44	0.79	0.77	1.92	0.	0.159	0.398	0.3	0.585	0.972	1.165
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/14/86-12/04/96	41	0.23	0.225	0.38	0.03	0.009	0.096	0.064	0.165	0.31	0.33
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/14/86-12/04/96	44	0.1	0.094	0.18	0.05	0.001	0.034	0.05	0.07	0.11	0.145
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/86-12/04/96	44	6762.5	6845.068	15211.	0.	15149730.298	3892.265	1655.5	3722.5	10184.5	12108.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	39	300.	607.692	5000.	40.	758334.008	870.824	80.	220.	500.	1600.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/22/86-05/09/95	39	2.477	2.546	3.699	1.602	0.193	0.439	1.903	2.342	2.699	3.204
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			351.756								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	28	80.	106.607	700.	4.	19180.988	138.495	18.8	20.75	137.5	237.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/14/86-06/21/95	28	1.903	1.77	2.845	0.602	0.251	0.501	1.261	1.316	2.138	2.373
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.853								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/09/86-12/04/96	34	7.55	7.244	14.4	0.	12.654	3.557	1.15	5.325	9.05	12.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/14/86-12/04/96	32	12.2	16.228	44.	4.9	148.719	12.195	7.83	8.925	13.1	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0409

NPS Station ID: TIMU0409 LAT/LON: 30.402865/ -81.615116 Agency: 21FLA Date Created: 03/20/99
Location: EAST OF TROUT RIVER (L ST JOHNS R STA 24 OF 2 FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): WQAS20030000004
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080103 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080103 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
SYNOPTIC SURVEY OF THE LOWER ST JOHNS RIVER DONE IN AUG AND OCT 1997 NEAR RESD STATION 14

Parameter Inventory for Station: TIMU0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/12/97-10/16/97	31	10.	9.032	25.	1.	60.249	7.762	1.	1.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/97-10/16/97	16	50.	66.875	120.	20.	996.25	31.563	27.	50.	100.	106.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/97-08/14/97	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/97-10/16/97	24 ##	0.015	0.012	0.015	0.005	0.	0.005	0.005	0.005	0.015	0.015
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/12/97-10/16/97	16	0.445	0.54	0.87	0.3	0.044	0.21	0.314	0.353	0.728	0.856
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/97-10/16/97	27	0.67	0.651	0.94	0.35	0.035	0.187	0.396	0.48	0.83	0.892
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/97-10/16/97	26	0.16	0.156	0.21	0.09	0.001	0.029	0.107	0.13	0.18	0.19
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/97-10/16/97	11	0.2	0.162	0.2	0.08	0.003	0.053	0.084	0.1	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/97-10/16/97	31	0.13	0.127	0.16	0.094	0.	0.017	0.102	0.11	0.14	0.15
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/97-10/16/97	16	0.096	0.096	0.13	0.065	0.	0.019	0.069	0.083	0.11	0.123
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/12/97-10/16/97	30	8.25	8.273	12.	4.	9.457	3.075	4.6	4.9	11.	12.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/97-10/16/97	13	5500.	9253.846	17000.	2900.	31092692.308	5576.082	3340.	4150.	15000.	17000.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/97-10/16/97	13	780.	1189.231	2200.	460.	407974.359	638.729	516.	610.	1750.	2160.
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	29 ##	0.5	2.056	10.62	0.5	9.	3.	0.5	0.5	2.405	6.89
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/12/97-10/16/97	28 ##	0.5	0.379	0.595	0.	0.05	0.224	0.	0.125	0.5	0.503
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/97-08/14/97	2	1895.	1895.	2060.	1730.	54450.	233.345	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/97-10/16/97	27	0.08	0.076	0.1	0.05	0.	0.014	0.053	0.067	0.086	0.093
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	08/12/97-10/16/97	16	0.4	0.413	0.8	0.1	0.031	0.175	0.17	0.3	0.5	0.73

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0409

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0410

NPS Station ID: TIMU0410
LAT/LON: 30.401865/ -81.615142
Agency: 21FLJXWQ
Date Created: 09/16/95
Location: SJR AT MARKER 60
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): JAXSJR14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/94-12/18/96	100	23.5	22.985	31.	12.2	35.848	5.987	13.51	17.45	28.675	29.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/11/94-12/18/96	19	25.	24.079	34.	10.5	32.535	5.704	14.	21.5	27.	31.
00032	CLOUD COVER (PERCENT)	01/11/94-12/18/96	16	92.5	71.875	100.	10.	1302.917	36.096	10.	32.5	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	01/11/94-01/02/96	6	5.15	6.233	15.	1.	31.635	5.624	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	01/11/94-01/11/94	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/11/94-12/18/96	20	0.85	0.876	1.5	0.42	0.082	0.287	0.472	0.685	1.08	1.378
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/94-03/22/94	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/11/94-12/18/96	100	20183.	19211.83	44522.	1146.	147691810.87	12152.852	4431.7	7616.5	28637.25	36138.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/11/94-12/18/96	99	6.5	6.865	10.	4.1	2.278	1.509	4.9	5.8	8.1	9.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/11/94-01/02/96	36	85.	84.569	96.4	72.4	43.242	6.576	74.84	79.75	89.45	94.92
00400	PH (STANDARD UNITS)	01/11/94-12/18/96	100	7.83	7.764	8.15	7.32	0.042	0.205	7.437	7.605	7.93	7.999
00400	CONVERTED PH (STANDARD UNITS)	01/11/94-12/18/96	100	7.83	7.713	8.15	7.32	0.045	0.211	7.437	7.605	7.93	7.999
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/94-12/18/96	100	0.015	0.019	0.048	0.007	0.	0.01	0.01	0.012	0.025	0.037
00480	SALINITY - PARTS PER THOUSAND	01/11/94-12/18/96	100	12.	11.705	28.8	0.6	61.144	7.819	2.41	4.25	17.6	22.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/11/94-12/18/96	76	17.5	29.908	141.	4.	923.978	30.397	6.7	12.	39.75	73.
00600	NITROGEN, TOTAL (MG/L AS N)	03/22/94-01/02/96	34	0.715	0.863	3.01	0.21	0.343	0.586	0.258	0.524	1.015	1.605
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/25/95-01/02/96	17	0.63	0.809	1.79	0.4	0.142	0.376	0.456	0.525	0.995	1.542
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	56	0.02	0.017	0.042	0.01	0.	0.007	0.01	0.01	0.02	0.027
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/11/94-12/18/96	76 ##	0.01	0.03	0.22	0.005	0.002	0.043	0.005	0.01	0.031	0.093
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/25/95-12/18/96	56	0.502	0.533	1.63	0.113	0.088	0.296	0.163	0.33	0.714	0.878
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/94-12/18/96	76	0.571	0.696	2.86	0.16	0.178	0.422	0.348	0.424	0.862	1.061
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/94-12/18/96	76	0.03	0.042	0.15	0.005	0.001	0.037	0.005	0.01	0.06	0.09
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/95-12/18/96	56	0.05	0.051	0.2	0.005	0.002	0.044	0.005	0.01	0.078	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/11/94-12/18/96	76	0.111	0.123	0.415	0.044	0.003	0.056	0.071	0.09	0.148	0.185
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/95-12/18/96	56	0.077	0.099	0.398	0.037	0.004	0.062	0.059	0.069	0.116	0.169
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/22/94-04/25/95	31	12.9	13.419	24.5	6.	25.518	5.052	7.4	8.6	17.4	19.68
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/03/95-04/25/95	11	10.4	11.873	19.1	7.6	15.872	3.984	7.74	8.3	15.8	18.78
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/95-12/18/96	56	2626.5	2487.643	5479.	193.	2331353.325	1526.877	566.6	942.5	3599.25	4558.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/11/94-12/18/96	76	6508.	6930.684	16200.	317.	20342830.272	4510.303	1429.9	2597.	10895.5	13386.1
22413	HARDNESS, DISSOLVED, WATER MG/L	09/27/94-01/02/96	48	1276.5	1860.229	5046.	96.	2241373.627	1497.122	209.3	524.	3280.5	3988.1
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/22/94-12/18/96	69	4.67	6.084	25.04	2.59	20.949	4.577	3.09	3.52	6.67	12.7
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-01/02/96	28	2.67	5.124	21.38	1.33	32.815	5.728	1.339	1.668	5.88	17.051
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/22/94-01/02/96	28 ##	0.148	0.087	0.55	-0.19	0.024	0.154	0.05	0.085	0.134	-0.114
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/22/94-01/02/96	28 ##	0.29	0.7	3.06	0.075	0.77	0.878	0.085	0.144	0.923	2.656
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/22/94-01/02/96	27	2.53	3.079	10.45	0.64	4.052	2.013	1.354	1.87	3.9	5.676
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/22/94-01/02/96	28	1.38	1.388	1.59	1.13	0.016	0.128	1.179	1.295	1.478	1.572
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	01/11/94-12/18/96	76	2622.	2571.947	5479.	193.	2465509.011	1570.194	603.9	977.	3896.	4702.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/11/94-08/30/94	20	6.5	8.6	25.	3.	39.095	6.253	3.	4.25	10.75	21.6

** - 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

Parameter Inventory for Station: TIMU0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/11/94-12/18/96	76	0.068	0.071	0.16	0.03	0.001	0.024	0.045	0.054	0.084	0.107
80082	BOD, CARBONACEOUS, 5 DAY, 20 DEG C MG/L	01/11/94-11/20/96	63 ##	0.5	0.754	2.	0.5	0.136	0.369	0.5	0.5	1.	1.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/22/94-12/18/96	57	5.	6.395	28.	2.	29.933	5.471	2.	3.	7.3	14.6
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/11/94-12/18/96	24	8.45	8.308	12.5	0.7	5.012	2.239	5.65	7.775	9.075	10.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0410

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	99	0	0.00	64	0	0.00	35	0	0.00						
00400	PH	Fresh Chronic	9.	100	0	0.00	65	0	0.00	35	0	0.00						
		Other-Lo Lim.	6.5	100	0	0.00	65	0	0.00	35	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	76	0	0.00	48	0	0.00	28	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	56	0	0.00	34	0	0.00	22	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	76	73	0.96	48	45	0.94	28	28	1.00						
		Drinking Water	250.	76	76	1.00	48	48	1.00	28	28	1.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	57	0	0.00	34	0	0.00	23	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0411

NPS Station ID: TIMU0411
LAT/LON: 30.416670/ -81.616670
Agency: 1113S050
Date Created: / /
Location: ST JOHNS DRUMMOND PT NAV MKR 60
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111060
RMI-Indexes: 0320500
Within Park Boundary: No
RMI-Miles: 0015.60
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103008
RF1 Mile Point: 0.940
Distance from RF1: 25.90
On/Off RF1: OFF
RF3 Index: 03080103260200.00
RF3 Mile Point: 0.93
Distance from RF3: 0.79
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/67-03/27/67	17	15.	15.765	20.	12.	4.441	2.107	12.8	14.5	17.5	19.2
00080	COLOR (PLATINUM-COBALT UNITS)	02/01/67-03/21/67	9	50.	55.	100.	30.	512.5	22.638	30.	37.5	70.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/01/67-03/27/67	17	15600.	18952.941	39000.	3700.	100164834.559	10008.238	8380.	10775.	24100.	38200.
00300	OXYGEN, DISSOLVED MG/L	02/01/67-03/27/67	17	7.3	7.235	9.	4.8	1.019	1.009	5.84	6.6	7.85	8.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/01/67-03/27/67	17	78.2	77.394	89.2	53.9	79.828	8.935	61.42	73.75	84.35	88.56
00304	BOD, 2 DAY, 20 DEG C MG/L	02/01/67-03/27/67	17	0.9	0.865	1.6	0.4	0.116	0.341	0.4	0.6	1.05	1.44
00310	BOD, 5 DAY, 20 DEG C MG/L	02/01/67-03/27/67	17	1.6	1.7	2.6	0.9	0.211	0.46	0.98	1.4	2.	2.52
00400	PH (STANDARD UNITS)	02/01/67-03/27/67	17	7.5	7.494	7.8	7.3	0.027	0.164	7.3	7.3	7.6	7.72
00400	CONVERTED PH (STANDARD UNITS)	02/01/67-03/27/67	17	7.5	7.466	7.8	7.3	0.028	0.166	7.3	7.3	7.6	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/67-03/27/67	17	0.032	0.034	0.05	0.016	0.	0.012	0.019	0.025	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/01/67-03/27/67	17	78.	79.412	107.	58.	178.632	13.365	62.	70.5	90.5	99.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/01/67-03/27/67	17	5500.	7041.176	14900.	1050.	15981636.029	3997.704	2610.	3975.	10050.	14340.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/03/67-03/27/67	16	7450.	11274.375	54000.	170.	181160359.583	13459.582	492.	3700.	13000.	33000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/03/67-03/27/67	16	3.871	3.746	4.732	2.23	0.407	0.638	2.629	3.561	4.114	4.486
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5567.131								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	16	1400.	1551.25	4900.	20.	1560811.667	1249.324	55.	725.	2150.	3780.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/03/67-03/27/67	16	3.136	2.962	3.69	1.301	0.379	0.616	1.682	2.86	3.329	3.57
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			916.085								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0411

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00				17	0	0.00						
00400	PH	Fresh Chronic	9.	17	0	0.00				17	0	0.00						
		Other-Lo Lim.	6.5	17	0	0.00				17	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	17	1.00				17	17	1.00						
		Drinking Water	250.	17	17	1.00				17	17	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	13	0.81				16	13	0.81						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	14	0.88				16	14	0.88						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0412

NPS Station ID: TIMU0412
LAT/LON: 30.623892/ -81.622281
Agency: 21FLA
Date Created: 11/16/96
Location: UNNAMED TRIBUTARY TO LUMBER CR
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020060
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS IS A TEST SITE FOR YULEE MIDDLE SCHOOL FIFTH YEAR SURVEY IT IS LOCATED SOUTHWEST OF YULEE IN AN UNNAMED TRIBUTARY TO LUMBER CREEK APPROXIMATELY 0.5 MILE SOUTH OF SR 200 (A1A) AND APPROXIMATELY 2 MILES EAST OF I-95

Parameter Inventory for Station: TIMU0412

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0413

NPS Station ID: TIMU0413
Location: D-1138 J-1188
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 03080103
Major Basin: C
Minor Basin:
RF1 Index: 03080103
RF3 Index: 03080103347901.47
Description:

LAT/LON: 30.433337/ -81.626392
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 1.47

Agency: 112WRD
FIPS State/County: 12031 FLORIDA/DUVAL
STORET Station ID(s): 302600081373501
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 8.90
Distance from RF3: 0.10

Date Created: 04/14/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/18/76-11/18/76	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/76-11/18/76	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/76-11/18/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0413

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0414

NPS Station ID: TIMU0414
LAT/LON: 30.467504/ -81.630838
Agency: 112WRD
Date Created: 04/14/78
Location: D-0570 J-0636
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302803081375101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 23.40
On/Off RF1:
RF3 Index: 03070205071000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/77-05/04/77	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/77-05/04/77	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/04/77-05/04/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/04/77-05/04/77	1	-1.45	-1.45	-1.45	-1.45	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/04/77-05/04/77	1	36.97	36.97	36.97	36.97	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0414

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0415

NPS Station ID: TIMU0415
LAT/LON: 30.615309/ -81.632309
Agency: 21FLA
Date Created: 11/16/96
Location: UNNAMED TRIBUTARY TO NASSAU RIVER
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020059
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS IS A REFERENCE SITE FOR YULEE MIDDLE SCHOOL 5TH YEAR SURVEY IT IS LOCATED SOUTHWEST OF YULEE IN AN UNNAMED TRIBUTARY TO NASSAU RIVER APPROXIMATELY 1 MILE SOUTH OF SR 200 (A1A) AND APPROXIMATELY 1 MILE EAST OF I-95

Parameter Inventory for Station: TIMU0415

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0416

NPS Station ID: TIMU0416 LAT/LON: 30.578031/ -81.638504 Agency: 11NPSWRD Date Created: 10/10/98
Location: NASSAU RIVER 50 M DWNSTRM OF I-95 BRIDGE FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TIMU_RESD_TIM02
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: ST. JOHNS RIVER ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 16.10 On/Off RF1:
RF3 Index: 03080103010402.68 RF3 Mile Point: 3.16 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ITALIA; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 02 WAS AT THE NASSAU RIVER 50 METERS DOWNSTREAM OF THE I-95 BRIDGE INSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 02 PREVIOUSLY WAS LABELED NR12. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	58	9.5	12.507	36.	0.7	126.289	11.238	1.	1.	19.5	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	41	20.4	22.059	29.3	15.6	28.446	5.334	15.72	16.75	28.05	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	22.5	23.286	30.	18.5	21.905	4.68	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	50.	53.571	100.	0.	1222.619	34.966	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	12.	11.429	22.	3.5	49.849	7.06	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	0.61	0.563	0.74	0.4	0.017	0.13	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	41	10816.	8464.171	19285.	121.	46374176.445	6809.859	129.6	2021.5	14420.5	17550.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	41	6.1	6.29	8.8	4.1	1.494	1.222	4.1	5.65	7.1	8.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	41	76.2	73.088	88.8	52.8	99.492	9.975	53.	66.95	79.45	85.68
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	10	1.	0.8	1.	0.5	0.067	0.258	0.5	0.5	1.	1.
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	41	7.12	7.063	8.16	6.03	0.196	0.442	6.286	6.87	7.305	7.52
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	41	7.12	6.814	8.16	6.03	0.26	0.509	6.286	6.87	7.305	7.52
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	41	0.076	0.154	0.933	0.007	0.048	0.219	0.03	0.05	0.135	0.528
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	40	6.45	4.998	11.4	0.1	15.91	3.989	0.11	1.9	8.825	10.29
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	10	21.	20.1	27.	11.	27.656	5.259	11.2	15.25	24.25	26.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	10 ##	0.015	0.028	0.112	0.005	0.001	0.033	0.005	0.005	0.041	0.105
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	10	0.772	0.823	1.44	0.506	0.078	0.279	0.508	0.609	0.994	1.398
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	10 ##	0.005	0.009	0.04	0.005	0.	0.011	0.005	0.005	0.006	0.037
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	10	0.113	0.12	0.215	0.067	0.002	0.046	0.067	0.087	0.148	0.211
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	10	1016.	1144.4	2514.	19.	925843.156	962.207	22.6	333.25	2161.25	2513.6
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	8	122450.	159611.25	335000.	2280.20	9922199355.357	144645.081	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	10	3677.5	3088.6	5727.	11.	5556434.267	2357.209	18.	771.75	5526.5	5724.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	8	756.5	891.25	1660.	457.	235157.357	484.93	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	7 ##	1.5	1.643	2.5	1.5	0.143	0.378	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	8 ##	2.5	5.375	19.	2.5	35.482	5.957	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	8	1400.	1426.125	2320.	711.	429860.696	655.638	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	8 ##	1.5	1.75	2.5	1.5	0.214	0.463	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	8 ##	10.	15.5	54.	10.	242.	15.556	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	10	0.045	0.057	0.127	0.015	0.002	0.041	0.015	0.023	0.101	0.125
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	9.	9.929	15.9	6.	13.092	3.618	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	41	0	0.00	31	0	0.00	10	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	41	0	0.00	31	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	41	5	0.12	31	0	0.00	10	5	0.50						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	8	0	0.00	6	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	8	0	0.00	6	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	0	0.00	6	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	6	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	6	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	8	0	0.00	6	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	0	0.00	6	0	0.00	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0417

NPS Station ID: TIMU0417
LAT/LON: 30.484059/ -81.642642
Agency: 21FLA
Date Created: 09/30/95
Location: UNNAMED CANAL BELOW ORTEGA UTILITIES
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /CANAL/TYPA/AMBNT/BIO
STORET Station ID(s): 20030333
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080103
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER ST JOHNS RIVER
ECO Region:
RF1 Index: 03080103
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS STATION WAS USED AS A TEST SITE FOR THE 1992 BIOASSESSMENT OF ORTEGA UTILITIES COMPANY

Parameter Inventory for Station: TIMU0417

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: TIMU0418

NPS Station ID: TIMU0418
LAT/LON: 30.572226/ -81.644448
Agency: 21FLA
Date Created: 04/05/80
Location: NASSAU RIVER AT I-95
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020047
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 24
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205004
RF1 Mile Point: 11.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205000200.36
RF3 Mile Point: 0.35
Distance from RF3: 0.22
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: RIVER, NASSAU NASSAU RIVER MIDSTRM AT I-95

Parameter Inventory for Station: TIMU0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/12/78-05/18/83	5	10.	10.2	15.	3.	20.7	4.55	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/78-05/18/83	4	23.75	25.	30.	22.5	11.833	3.44	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	07/12/78-07/12/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/78-05/18/83	4	8.5	9.5	17.	4.	33.667	5.802	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/12/78-05/18/83	4	0.44	0.46	0.66	0.3	0.022	0.149	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/12/78-05/18/83	4	240.	250.	400.	120.	14266.667	119.443	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/79-05/15/79	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/78-05/18/83	4	3300.	5180.	14000.	120.	36848266.667	6070.277	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/78-05/18/83	4	5.15	4.525	6.	1.8	3.543	1.882	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/12/78-05/18/83	4	1.6	1.9	3.9	0.5	2.053	1.433	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/78-07/12/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/78-07/12/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/78-07/12/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/79-05/18/83	3	7.	6.633	7.2	5.7	0.663	0.814	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/79-05/18/83	3	7.	6.143	7.2	5.7	1.024	1.012	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/79-05/18/83	3	0.1	0.719	1.995	0.063	1.221	1.105	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	05/15/79-05/15/79	1	175.	175.	175.	175.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/15/79-05/15/79	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	05/15/79-05/15/79	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	37.5	44.5	85.	18.	833.667	28.873	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	8.5	9.	15.	4.	28.667	5.354	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	07/12/78-05/18/83	4	29.	35.5	70.	14.	581.667	24.118	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/78-05/18/83	3 ##	0.01	0.042	0.11	0.005	0.004	0.059	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/18/83-05/18/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/78-05/15/79	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/78-05/18/83	4	1.18	1.095	1.54	0.48	0.283	0.532	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-05/18/83	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/78-05/18/83	4	0.213	0.196	0.24	0.12	0.003	0.053	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/78-05/15/79	2	840.	840.	1655.	25.	1328450.	1152.584	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/12/78-05/18/83	4	1485.	3527.5	11000.	140.	26371825.	5135.351	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/12/78-05/18/83	4	2.839	2.966	4.041	2.146	0.867	0.931	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			925.299								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/78-05/18/83	4	343.	951.75	3100.	21.	2132948.25	1460.462	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/12/78-05/18/83	4	2.234	2.321	3.491	1.322	1.012	1.006	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			209.233								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/78-07/12/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	07/12/78-05/18/83	4	24.2	24.05	27.	20.8	6.463	2.542	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	05/15/79-05/15/79	1	0.861	0.861	0.861	0.861	0.	0.	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	05/15/79-05/15/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0418

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	4	1	0.25									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	1	0.50	2	1	0.50									
		Drinking Water	250.	2	1	0.50	2	1	0.50									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	2	0.50	4	2	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	2	0.50	4	2	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0419

NPS Station ID: TIMU0419 | LAT/LON: 30.577142/ -81.644531 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: NASSAU RIVER AT I-95 | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR12
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ITALIA; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR12 WAS AT THE NASSAU RIVER APPROXIMATELY 100 METERS EAST OF I-95 AT MID-CHANNEL OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	32	8.	8.875	30.	0.3	79.594	8.922	0.3	0.3	12.75	25.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/92-07/27/92	5	29.6	29.6	29.6	29.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/92-07/27/92	5	11528.	11480.6	11563.	11376.	8601.8	92.746	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/27/92-07/27/92	5	5.1	5.18	5.4	5.1	0.017	0.13	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/92-07/27/92	5	69.3	70.38	73.6	69.1	3.667	1.915	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/27/92-07/27/92	5	6.93	6.934	6.94	6.93	0.	0.005	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/27/92-07/27/92	5	6.93	6.934	6.94	6.93	0.	0.005	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/92-07/27/92	5	0.117	0.116	0.117	0.115	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/92-07/27/92	5	6.6	6.56	6.6	6.5	0.003	0.055	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-08/03/92	4	1.64	1.59	2.02	1.06	0.168	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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0419

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00406	PH, FIELD	Marine Chronic	8.5	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	23	6.	8.365	26.	0.3	81.784	9.043	0.3	0.3	12.	25.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-08/03/92	9	8.	10.178	30.	0.3	80.862	8.992	0.3	3.15	14.	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: TIMU0420

NPS Station ID: TIMU0420
LAT/LON: 30.575559/ -81.645838
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: NASSAU RIVER EAST OF I-95
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0012
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 5.20
On/Off RF1:
RF3 Index: 03070205056300.00
RF3 Mile Point: 2.53
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	30	24.75	22.97	29.6	11.1	29.01	5.386	15.71	17.5	28.	29.49
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	4	30.5	28.5	32.	21.	25.667	5.066	**	**	**	**
00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	4	20.	25.	60.	0.	700.	26.458	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	4	9.	9.25	15.	4.	20.917	4.573	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	30	11352.	11932.967	31400.	140.	110052760.792	10490.603	554.	1040.25	20600.	30780.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	590.	590.	590.	590.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	31	5.6	5.81	7.9	4.3	0.976	0.988	4.52	5.2	6.3	7.66
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	26	6.93	6.725	7.2	5.9	0.182	0.427	6.	6.488	7.092	7.163
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	26	6.93	6.504	7.2	5.9	0.233	0.482	6.	6.487	7.092	7.163
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	26	0.117	0.313	1.259	0.063	0.126	0.355	0.069	0.081	0.326	1.
00480	SALINITY - PARTS PER THOUSAND	11/09/87-08/03/92	17	6.6	8.394	19.5	0.	46.139	6.793	0.	1.5	12.2	19.42
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-08/03/92	9	30.	32.222	72.	14.	342.444	18.505	14.	17.	42.	72.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	18 ##	0.01	0.031	0.13	0.004	0.001	0.038	0.005	0.006	0.046	0.102
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-08/03/92	8	1.15	1.178	1.8	0.506	0.203	0.45	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	18	0.03	0.055	0.22	0.005	0.004	0.06	0.005	0.01	0.08	0.166
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-08/03/92	13	0.216	0.219	0.44	0.014	0.011	0.107	0.052	0.133	0.281	0.39
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-08/03/92	13	1900.	1725.231	3600.	44.	1431379.692	1196.403	52.	560.	2550.	3480.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-08/03/92	13	3999.	4270.692	11000.	50.	17334219.564	4163.438	114.	305.	7875.	11000.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	15	360.	547.2	1600.	73.	153587.743	391.903	137.2	300.	730.	1254.4
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-08/03/92	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-08/03/92	6 ##	1.5	13.333	66.	0.5	679.267	26.063	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	13	11.	21.615	86.	0.5	599.965	24.494	1.1	4.	39.5	68.4
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-08/03/92	5	710.	1412.	4500.	450.	2992770.	1729.962	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-08/03/92	7 ##	2.5	3.857	16.	0.5	30.643	5.536	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	12 ##	3.25	16.958	94.	0.5	893.112	29.885	0.5	0.75	18.25	84.4
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-08/03/92	11 ##	1.	9.455	44.	0.5	216.173	14.703	0.5	0.5	18.	41.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	13 ##	6.	26.115	140.	0.5	1785.84	42.259	0.5	1.25	38.25	116.8
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	17	500.	1111.706	5000.	6.	1555229.721	1247.088	11.6	220.	1600.	2760.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	17	2.699	2.664	3.699	0.778	0.607	0.779	1.047	2.342	3.204	3.414
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			461.566								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	18	195.	491.333	1600.	2.	386815.059	621.945	2.	100.	775.	1600.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0420

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)	01/02/85-08/03/92	18	2.286	2.229	3.204	0.301	0.716	0.846	0.301	1.992	2.825	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			169.312								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-08/03/92	5 ##	0.1	0.21	0.5	0.1	0.031	0.175	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-08/03/92	5	7.4	6.9	9.	3.7	4.09	2.022	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	18	6.85	6.778	16.	3.5	9.834	3.136	3.59	3.95	7.925	11.5

** - 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: TIMU0420

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	31	0	0.00	22	0	0.00	9	0	0.00						
00400	PH	Marine Chronic	8.5	26	0	0.00	18	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	26	9	0.35	18	6	0.33	8	3	0.38						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	2	0	0.00	4	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	6	0	0.00	2	0	0.00	4	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	6	0	0.00	4	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	13	0	0.00	10	0	0.00	3	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	6	0	0.00	1	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	0	0.00	10	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	10 &	6	0.60	7	5	0.71	3	1	0.33						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	17	8	0.47	11	5	0.45	6	3	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	9	0.50	12	4	0.33	6	5	0.83						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	5	0	0.00	2	0	0.00	3	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	18	0	0.00	12	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	22	26.35	25.677	29.6	19.1	10.009	3.164	20.3	24.15	28.	29.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	21	18300.	15949.286	31400.	550.	98075889.914	9903.327	952.	7200.	21050.	31360.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	22	5.4	5.445	7.	4.3	0.445	0.667	4.33	5.075	5.925	6.35
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	18	6.935	6.778	7.2	6.	0.186	0.432	6.	6.488	7.128	7.173
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	18	6.935	6.545	7.2	6.	0.244	0.494	6.	6.487	7.128	7.173
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	18	0.116	0.285	1.	0.063	0.117	0.342	0.067	0.075	0.326	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	12 ##	0.009	0.024	0.13	0.005	0.001	0.036	0.005	0.006	0.031	0.103
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	12	0.013	0.041	0.16	0.005	0.003	0.053	0.005	0.01	0.09	0.145
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	10	340.	506.8	1600.	73.	212531.511	461.011	83.7	270.	653.5	1542.4
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	10	14.25	25.4	86.	0.5	710.322	26.652	0.85	4.	41.25	81.6
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	10 ##	4.5	20.15	94.	0.5	1023.614	31.994	0.5	1.625	31.25	90.8
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	9	6.	34.111	140.	0.5	2412.424	49.116	0.5	2.75	69.5	140.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	11	500.	1214.455	5000.	6.	2179010.673	1476.147	7.4	220.	1600.	4440.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	11	2.699	2.597	3.699	0.778	0.849	0.921	0.845	2.342	3.204	3.628
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			395.009								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	155.	285.333	1600.	2.	190075.152	435.976	2.	80.	277.5	1270.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	12	2.188	1.993	3.204	0.301	0.75	0.866	0.301	1.894	2.443	3.053
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			98.45								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	12	6.6	6.517	16.	3.5	12.058	3.472	3.53	3.65	7.375	13.69

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-08/03/92	8	15.85	15.525	18.	11.1	3.776	1.943	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-08/03/92	9	801.	2561.556	11320.	140.	12606869.528	3550.615	140.	689.5	3750.	11320.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-08/03/92	9	7.	6.7	7.9	5.3	1.238	1.112	5.3	5.4	7.75	7.9
00400	PH (STANDARD UNITS)	01/02/85-08/03/92	8	6.585	6.605	7.1	5.9	0.174	0.417	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-08/03/92	8	6.584	6.424	7.1	5.9	0.211	0.46	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-08/03/92	8	0.261	0.377	1.259	0.079	0.159	0.398	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-08/03/92	6	0.041	0.045	0.099	0.004	0.002	0.04	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-08/03/92	6	0.065	0.082	0.22	0.03	0.005	0.07	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-08/03/92	5	650.	628.	850.	270.	47120.	217.071	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-08/03/92	3	5.	9.	20.	2.	93.	9.644	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-08/03/92	2 ##	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-08/03/92	4 ##	6.25	8.125	19.5	0.5	86.896	9.322	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-08/03/92	6	975.	923.333	1600.	170.	552906.667	743.577	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-08/03/92	6	2.874	2.788	3.204	2.23	0.218	0.467	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			614.068								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	975.	903.333	1600.	50.	591466.667	769.069	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-08/03/92	6	2.874	2.7	3.204	1.699	0.383	0.619	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			500.768								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-08/03/92	6	7.25	7.3	11.	4.	6.416	2.533	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0421

NPS Station ID: TIMU0421 LAT/LON: 30.575559/ -81.646115 Agency: 21FLSJWM Date Created: 08/01/92
Location: NASSAU RIVER AT EAST EDGE OF NASSAUVILLE FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NRN /SSJ10090
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 2.30 On/Off RF1:
RF3 Index: 03070205003300.00 RF3 Mile Point: 2.42 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0421

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/23/86-10/23/86	7	2.	5.714	20.	2.	48.571	6.969	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/83-10/23/86	30	20.3	21.297	30.	13.	33.426	5.782	13.11	16.375	27.55	28.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/83-10/23/86	16	25.	23.938	30.5	10.	24.163	4.916	15.6	23.125	27.	28.75
00032	CLOUD COVER (PERCENT)	03/02/83-10/23/86	23	40.	38.696	100.	0.	1048.221	32.376	0.	10.	50.	95.
00035	WIND VELOCITY (MILES PER HOUR)	03/02/83-10/23/86	20	9.	10.9	23.	0.	74.2	8.614	1.	4.	22.25	23.
00039	SAMPLE LENGTH IN MILLIMETERS	03/02/83-10/23/86	22	54.	49.	90.	20.	706.19	26.574	20.	20.	80.	80.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-10/23/86	13	32.	34.308	58.	18.	181.397	13.468	18.	22.5	42.	58.
00080	COLOR (PLATINUM-COBALT UNITS)	03/02/83-10/23/86	13	25.	61.154	450.	15.	13875.641	117.795	15.	20.	40.	298.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/02/83-09/10/85	11	1.5	2.127	6.2	0.9	2.258	1.503	0.94	1.2	2.7	5.56
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/02/83-09/10/85	6	109.	100.5	131.	29.	1339.5	36.599	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/02/83-09/10/85	12	45.5	40.583	75.	3.	439.902	20.974	5.1	24.	53.75	70.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/84-09/10/85	6	0.054	0.064	0.144	0.003	0.003	0.053	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	09/05/84-09/10/85	6	0.235	0.318	0.85	0.12	0.075	0.274	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/83-09/10/85	6	0.171	0.198	0.416	0.041	0.02	0.14	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/07/85-05/07/85	1	5960.	5960.	5960.	5960.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/84-09/10/85	7	320.	269.	457.	61.	22580.333	150.268	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/10/85	7	860.	873.286	1270.	291.	95788.238	309.497	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/10/85	7	8300.	7245.143	9580.	2670.	7053118.476	2655.771	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/10/85	8	339.5	291.25	394.	70.	12661.357	112.523	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/83-09/10/85	3	15000.	12150.	17490.	3960.	51857100.	7201.187	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/02/83-09/10/85	6	2580.	4153.667	14000.	542.	23994016.667	4898.369	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/10/85	8	319.	327.875	439.	243.	5730.982	75.703	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/02/83-09/10/85	10	8.195	8.269	12.87	3.13	8.932	2.989	3.314	6.163	10.833	12.673
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/02/83-09/10/85	10	5.48	5.397	9.92	2.14	6.006	2.451	2.22	3.143	7.15	9.703
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	03/02/83-09/10/85	10	0.76	0.736	1.45	0.009	0.175	0.418	0.043	0.455	0.983	1.428
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	03/02/83-09/10/85	10	2.355	2.544	4.93	0.	2.187	1.479	0.155	1.558	3.67	4.87
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	03/02/83-09/10/85	10	4.12	4.812	10.08	1.6	7.279	2.698	1.675	2.395	6.79	9.832
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	03/02/83-09/10/85	10	1.38	1.368	1.5	1.17	0.014	0.119	1.173	1.275	1.48	1.498
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/84-09/05/84	1	39400.	39400.	39400.	39400.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/02/83-10/23/86	13	7.5	8.331	19.	2.2	24.509	4.951	2.32	4.7	11.45	17.4

** - 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: TIMU0421

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	3	1.00	3	3	1.00									
		Drinking Water	250.	3	3	1.00	3	3	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	6	1.00	4	4	1.00	2	2	1.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	13	0	0.00	8	0	0.00	5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0422

NPS Station ID: TIMU0422
LAT/LON: 30.575559/ -81.646115
Agency: 112WRD
Date Created: 09/30/89
Location: NASSAU RIVER AT NASSAUVILLE,FL
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303432081384600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03070205060500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/83-10/23/86	18	43650.	40141.667	51700.	12800.	138538897.059	11770.255	15455.	38625.	49250.	50170.
00300	OXYGEN, DISSOLVED MG/L	03/02/83-10/23/86	28	6.5	6.589	9.5	4.6	2.144	1.464	4.6	5.1	7.95	8.29
00400	PH (STANDARD UNITS)	03/02/83-10/23/86	19	7.7	7.515	8.3	6.9	0.16	0.399	7.	7.1	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	03/02/83-10/23/86	19	7.7	7.354	8.3	6.9	0.187	0.433	7.	7.1	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/02/83-10/23/86	19	0.02	0.044	0.126	0.005	0.001	0.037	0.01	0.016	0.079	0.1
00480	SALINITY - PARTS PER THOUSAND	03/02/83-06/17/86	21	30.	27.571	40.	7.5	114.882	10.718	10.	16.25	37.	40.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-10/23/86	10	0.055	0.058	0.135	0.005	0.002	0.042	0.007	0.023	0.085	0.133
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-10/23/86	10	0.501	0.593	1.13	0.23	0.098	0.313	0.237	0.36	0.885	1.122
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/02/83-10/23/86	13	0.03	0.028	0.05	0.007	0.	0.013	0.008	0.02	0.04	0.046
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/02/83-10/23/86	13	0.134	0.206	0.528	0.072	0.024	0.155	0.075	0.095	0.351	0.491
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/02/83-10/23/86	12	0.052	0.057	0.142	0.019	0.001	0.032	0.024	0.037	0.067	0.123

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0422

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00	17	0	0.00	11	0	0.00						
00400	PH	Fresh Chronic	9.	19	0	0.00	12	0	0.00	7	0	0.00						
		Other-Lo Lim.	6.5	19	0	0.00	12	0	0.00	7	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	8	0	0.00	5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0423

NPS Station ID: TIMU0423
LAT/LON: 30.588281/ -81.647421
Agency: 21FLA
Date Created: 03/13/99
Location: PLUMMERS CR AT I-95
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 19020065
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0423

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0424

NPS Station ID: TIMU0424
Location: PLUMMER CREEK AT I-95
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03070205
Major Basin:
Minor Basin:
RF1 Index: 03070205
RF3 Index: 03070205004200.00
Description:

LAT/LON: 30.588254/ -81.647421
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21FLSJWM
FIPS State/County: 12089 FLORIDA/NASSAU
STORET Station ID(s): NR010
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.50
Distance from RF3: 0.08

Date Created: 08/01/92
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: TIMU0424

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-11/09/92	3	25.2	23.467	27.7	17.5	28.263	5.316	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-11/09/92	3	0.5	0.45	0.5	0.35	0.008	0.087	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-11/09/92	3	500.	500.	600.	400.	10000.	100.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/09/92	2	745.	745.	780.	710.	2450.	49.497	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/09/92	3	4.7	5.2	6.6	4.3	1.51	1.229	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-11/09/92	3	6.4	6.267	6.4	6.	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-11/09/92	3	6.4	6.223	6.4	6.	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-11/09/92	3	0.398	0.599	1.	0.398	0.121	0.348	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/09/92	3	190.	213.333	310.	140.	7633.333	87.369	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/09/92	3	2.279	2.305	2.491	2.146	0.03	0.174	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			202.029								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/09/92	3	7.35	5.483	8.18	0.92	15.79	3.974	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/09/92	3	5.61	4.19	6.42	0.54	10.156	3.187	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/09/92	3	0.32	0.323	0.65	0.	0.106	0.325	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-11/09/92	3	0.8	0.737	1.41	0.	0.5	0.707	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-11/09/92	3	2.57	1.927	2.62	0.59	1.341	1.158	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-11/09/92	3	1.48	1.437	1.5	1.33	0.009	0.093	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-11/09/92	3	6.5	7.	8.4	6.1	1.51	1.229	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-11/09/92	3	1.5	1.8	3.3	0.6	1.89	1.375	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0424

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	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	3	1.00	3	3	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33	3	1	0.33									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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: TIMU0425

NPS Station ID: TIMU0425 | LAT/LON: 30.561392/ -81.660642 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: THOMAS CK NEAR CONFLUENCE WITH THE NASSAU RIVER | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_TIM01
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. JOHNS RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ITALIA; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION 01 WAS AT THOMAS CREEK BETWEEN THE CONFLUENCE WITH THE NASSAU RIVER AND JOELS LANDING OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. STATION 01 PREVIOUSLY WAS LABELED NR14. THE CREEK WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES TIMF; TIML; TIMH; AND TIMTRIB CREATED BY BETSY DEUERLING; AN ENVIRONMENTAL SCIENTIST WITH THE CITY OF JACKSONVILLE. FOR MORE INFORMATION CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/97-06/02/98	56	11.	13.182	33.	0.7	112.01	10.583	1.	1.25	23.	27.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/97-06/02/98	42	21.65	22.074	29.6	15.6	28.552	5.343	15.73	16.5	27.925	29.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/19/97-04/22/98	7	23.	23.457	30.	19.	19.913	4.462	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/19/97-04/22/98	7	50.	51.429	100.	0.	1305.952	36.138	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/19/97-04/22/98	7	12.	10.786	20.	1.1	34.908	5.908	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/19/97-04/22/98	7	0.54	0.546	0.66	0.4	0.011	0.105	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/19/97-06/02/98	42	4145.	5520.81	14290.	102.	27243315.621	5219.513	109.5	307.75	9030.25	14004.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/19/97-06/02/98	42	6.1	6.286	8.6	4.	1.5	1.225	4.1	5.675	7.1	8.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/19/97-06/02/98	42	74.25	72.362	86.4	51.7	111.269	10.548	52.12	68.725	80.725	85.1
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/97-06/02/98	9	1.	0.833	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
00406	PH, FIELD, STANDARD UNITS SU	02/19/97-06/02/98	42	7.1	7.001	7.77	6.06	0.138	0.371	6.435	6.783	7.225	7.384
00406	CONVERTED PH, FIELD, STANDARD UNITS	02/19/97-06/02/98	42	7.1	6.814	7.77	6.06	0.174	0.417	6.435	6.782	7.225	7.384
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/97-06/02/98	42	0.079	0.153	0.871	0.017	0.037	0.192	0.041	0.06	0.165	0.39
00480	SALINITY - PARTS PER THOUSAND	02/19/97-06/02/98	37	3.5	3.516	8.3	0.1	8.95	2.992	0.1	0.6	7.05	8.12
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/19/97-06/02/98	9	17.	16.333	24.	9.	27.5	5.244	9.	11.	20.5	24.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/97-06/02/98	9	0.013	0.03	0.067	0.005	0.001	0.025	0.005	0.008	0.054	0.067
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/97-06/02/98	9	1.04	0.925	1.23	0.521	0.058	0.241	0.521	0.722	1.105	1.23
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/19/97-06/02/98	9 ##	0.005	0.01	0.05	0.005	0.	0.015	0.005	0.005	0.005	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/97-06/02/98	9	0.126	0.124	0.191	0.084	0.001	0.035	0.084	0.086	0.145	0.191
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/97-06/02/98	9	561.	605.333	1667.	17.	359657.25	599.714	17.	94.5	1072.	1667.
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	02/19/97-04/22/98	8	100000.	145890.	481000.	1910.26771651628.571		163620.45	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/97-06/02/98	9	1826.	1627.	3995.	8.	2314414.	1521.32	8.	190.	2930.	3995.

** - Less than 9 observations ## - 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: TIMU0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	02/19/97-04/22/98	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	02/19/97-04/22/98	8	745.	886.25	1650.	425.	170267.929	412.635	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	02/19/97-04/22/98	8 ##	0.5	0.688	2.	0.5	0.281	0.53	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	02/19/97-04/22/98	8 ##	5.	6.375	16.	5.	15.125	3.889	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	02/19/97-02/18/98	7 ##	1.5	1.643	2.5	1.5	0.143	0.378	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/19/97-04/22/98	8 ##	3.75	8.25	31.	2.5	95.5	9.772	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	02/19/97-04/22/98	8	1080.	1143.	1860.	668.	207422.571	455.437	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/19/97-04/22/98	8 ##	1.5	1.75	2.5	1.5	0.214	0.463	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/19/97-04/22/98	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/19/97-04/22/98	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/19/97-04/22/98	8 ##	2.5	3.938	14.	2.5	16.531	4.066	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	02/19/97-06/02/98	9	0.08	0.081	0.143	0.02	0.002	0.043	0.02	0.044	0.118	0.143
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/19/97-04/22/98	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/19/97-06/02/98	7	7.	8.3	12.1	6.	7.697	2.774	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0425

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	42	1	0.02	32	1	0.03	10	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	42	0	0.00	32	0	0.00	10	0	0.00						
		Other-Lo Lim.	6.5	42	4	0.10	32	0	0.00	10	4	0.40						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	8	0	0.00	6	0	0.00	2	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	8	0	0.00	6	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	8	0	0.00	6	0	0.00	2	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	0 &	0	0.00												
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	8	0	0.00	6	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	8	0	0.00	6	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	8	0	0.00	6	0	0.00	2	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	8	1	0.13	6	1	0.17	2	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	8	0	0.00	6	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	7	0	0.00	6	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0426

NPS Station ID: TIMU0426 LAT/LON: 30.558615/ -81.661670 Agency: 21FLSJWM Date Created: 08/01/92
Location: THOMAS CREEK UPSTR OF CONF W/ NASSAU RIVER FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): THC /SSJ10040
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 03070204000411.12 RF3 Mile Point: 13.10 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-11/09/92	36	23.	22.267	31.	11.9	25.97	5.096	14.85	18.275	26.725	28.09
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-10/23/86	16	22.25	22.25	30.5	10.	31.5	5.612	13.5	19.	27.	28.75
00032	CLOUD COVER (PERCENT)	12/01/82-10/23/86	24	17.5	31.25	100.	0.	1124.457	33.533	0.	10.	40.	97.5
00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-10/23/86	20	8.	9.7	20.	1.	48.642	6.974	1.1	4.	18.75	20.
00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-10/23/86	23	54.	43.826	90.	20.	507.968	22.538	20.	20.	64.	64.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/83-10/23/86	12	18.	19.25	36.	12.	38.386	6.196	12.3	15.	21.5	31.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-11/09/92	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-11/09/92	18	200.	269.167	1000.	75.	45956.618	214.375	79.5	130.	381.25	460.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-11/09/92	2	3330.	3330.	4630.	2030.	3380000.	1838.478	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-11/09/92	3	5.5	6.033	7.2	5.4	1.023	1.012	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-11/04/85	13	1.7	1.985	7.2	0.6	2.683	1.638	0.72	1.2	2.05	5.2
00400	PH (STANDARD UNITS)	05/19/92-11/09/92	3	6.4	6.267	6.5	5.9	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-11/09/92	3	6.4	6.182	6.5	5.9	0.114	0.338	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-11/09/92	3	0.398	0.658	1.259	0.316	0.273	0.522	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	12	23.	24.917	46.	10.	151.538	12.31	10.	12.75	34.5	44.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-11/04/85	14	17.	21.643	53.	6.	201.016	14.178	7.	10.25	33.	45.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	5	0.035	0.041	0.08	0.003	0.001	0.035	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/04/84-09/10/85	5	0.99	0.914	1.3	0.39	0.146	0.382	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/04/84-09/10/85	4	0.108	0.101	0.148	0.039	0.002	0.048	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-09/10/85	11	368.	603.545	2460.	33.	535573.873	731.829	34.4	52.	820.	2228.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/05/83-09/10/85	8	41.5	40.213	81.4	3.4	829.567	28.802	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/05/83-09/10/85	8	100.5	156.838	450.	3.8	28350.091	168.375	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/05/83-09/10/85	8	820.	1246.75	3670.	20.	1725476.786	1313.574	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/05/83-09/10/85	8	35.5	50.363	125.	1.7	2330.823	48.279	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-11/04/85	14	1030.	1785.643	6920.	21.	4096362.863	2023.947	28.	78.5	3023.	5605.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-11/04/85	14	130.	239.857	817.	5.	67034.747	258.911	5.	12.	468.	696.5
01046	IRON, DISSOLVED (UG/L AS FE)	12/05/83-09/10/85	8	236.5	401.625	1342.	84.	172957.411	415.881	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/09/92	3	86.	343.667	901.	44.	233406.333	483.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-11/09/92	3	1.934	2.178	2.955	1.643	0.474	0.689	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			150.508								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	15	2.68	8.06	32.97	0.47	124.996	11.18	0.47	0.75	13.78	32.718
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	15	0.67	4.527	26.46	0.	76.454	8.744	0.	0.	3.21	25.662
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	15	0.2	0.49	1.84	0.	0.472	0.687	0.	0.	0.6	1.78
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	15	0.33	1.335	7.39	0.	4.132	2.033	0.	0.	1.64	5.278
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	15	4.3	6.227	23.9	0.	49.627	7.045	0.24	0.75	9.09	20.324
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-11/09/92	15	1.2	1.197	2.	0.5	0.13	0.361	0.62	1.	1.47	1.712
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-09/10/85	13	2420.	3887.462	14200.	159.	15902097.769	3987.743	189.4	547.	6210.	11400.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-11/09/92	18	6.45	7.283	14.	1.8	12.183	3.49	1.89	5.125	9.525	13.28

** - 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

Parameter Inventory for Station: TIMU0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-08/18/92	2	8.05	8.05	10.	6.1	7.605	2.758	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0426

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	3	1.00	3	3	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	8	0.57	8	6	0.75	6	2	0.33						
		Drinking Water	250.	14	10	0.71	8	6	0.75	6	4	0.67						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	6	0.43	8	5	0.63	6	1	0.17						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33	3	1	0.33									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	18	0	0.00	12	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-11/09/92	25	26.4	24.784	31.	18.1	12.842	3.584	18.38	23.	27.5	28.54
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-11/09/92	12	212.5	291.25	1000.	75.	67723.295	260.237	76.5	100.	400.	820.
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	9	4.64	8.918	32.97	0.47	116.281	10.783	0.47	0.7	15.3	32.97
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	9	1.07	4.352	26.46	0.	70.84	8.417	0.	0.455	3.705	26.46
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	9	0.28	0.531	1.74	0.	0.51	0.714	0.	0.	1.16	1.74
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	9	0.33	1.124	3.87	0.	1.988	1.41	0.	0.	2.235	3.87
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	9	5.6	7.474	23.9	0.	70.196	8.378	0.	0.575	13.515	23.9
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-11/09/92	9	1.2	1.282	2.	1.	0.102	0.319	1.	1.05	1.46	2.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-11/09/92	12	6.95	7.817	14.	1.9	11.632	3.411	2.8	5.875	9.55	13.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-11/09/92	11	15.5	16.545	21.	11.9	8.225	2.868	12.42	14.5	19.5	20.72
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-11/09/92	6	200.	225.	300.	150.	3750.	61.237	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	6	1.375	6.773	32.55	0.47	160.629	12.674	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	6	0.335	4.79	25.13	0.	100.589	10.029	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	6	0.18	0.428	1.84	0.	0.497	0.705	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-11/09/92	6	0.62	1.652	7.39	0.	8.188	2.861	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-11/09/92	6	2.75	4.357	12.11	0.75	19.643	4.432	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-11/09/92	6	1.125	1.07	1.5	0.5	0.169	0.411	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-11/09/92	6	5.55	6.217	11.6	1.8	13.782	3.712	**	**	**	**

** - Less than 9 observations ## - Computed 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: TIMU0427

NPS Station ID: TIMU0427
LAT/LON: 30.558615/ -81.661670
Agency: 112WRD
Date Created: 07/29/89
Location: UPSTREAM AT CONFLUENCE WITH NASSAU RIVER
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303331081394200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 12.20
On/Off RF1:
RF3 Index: 03070205018100.00
RF3 Mile Point: 1.06
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-10/23/86	38	7240.	7085.974	20500.	100.	39439613.81	6280.097	110.	246.25	12242.5	16000.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-10/23/86	29	6.4	6.124	7.9	3.6	1.118	1.057	4.6	5.4	6.75	7.9
00400	PH (STANDARD UNITS)	12/01/82-10/23/86	22	6.5	6.545	7.2	5.	0.239	0.489	6.06	6.3	7.	7.
00400	CONVERTED PH (STANDARD UNITS)	12/01/82-10/23/86	22	6.5	6.117	7.2	5.	0.431	0.657	6.06	6.3	7.	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/82-10/23/86	22	0.316	0.764	10.	0.063	4.314	2.077	0.1	0.1	0.501	0.889
00480	SALINITY - PARTS PER THOUSAND	03/07/84-06/17/86	16	7.3	5.7	15.	0.	18.669	4.321	0.	0.7	8.375	10.45
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-10/23/86	12	0.044	0.038	0.059	0.005	0.	0.016	0.008	0.027	0.049	0.058
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-10/23/86	12	1.145	1.149	1.49	0.81	0.044	0.209	0.844	0.98	1.303	1.481
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-10/23/86	16	0.04	0.042	0.11	0.005	0.001	0.03	0.006	0.02	0.05	0.103
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-10/23/86	16	0.162	0.187	0.353	0.122	0.004	0.065	0.128	0.145	0.21	0.326
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-10/23/86	14	0.107	0.129	0.305	0.071	0.005	0.069	0.074	0.087	0.135	0.282

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0427

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	1	0.03	18	1	0.06	11	0	0.00						
00400	PH	Fresh Chronic	9.	22	0	0.00	14	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	22	12	0.55	14	8	0.57	8	4	0.50						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	10	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: TIMU0428

NPS Station ID: TIMU0428
LAT/LON: 30.586948/ -81.666115
Agency: 21FLSJWM
Date Created: 10/30/93
Location: NASSAU RIVER ABOVE NASSAU LANDING
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NRNL
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070204
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	05/20/92-05/20/92	1	6500.	6500.	6500.	6500.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	05/20/92-05/20/92	1	830.	830.	830.	830.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/20/92-05/20/92	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/20/92-05/20/92	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/20/92-05/20/92	1	56.4	56.4	56.4	56.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/20/92-05/20/92	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/20/92-05/20/92	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	05/20/92-05/20/92	1	729.	729.	729.	729.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/20/92-05/20/92	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/20/92-05/20/92	1	67.8	67.8	67.8	67.8	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/20/92-05/20/92	1	44400.	44400.	44400.	44400.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	05/20/92-05/20/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	05/20/92-05/20/92	1	33200.	33200.	33200.	33200.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	35.	35.	35.	35.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	60.	60.	60.	60.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	400.	400.	400.	400.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	35.	35.	35.	35.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	990.	990.	990.	990.	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	05/20/92-05/20/92	1 ##	1820.	1820.	1820.	1820.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	175.	175.	175.	175.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	85.	85.	85.	85.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	95.	95.	95.	95.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	65.	65.	65.	65.	0.	0.	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	05/20/92-05/20/92	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	35.	35.	35.	35.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	35.	35.	35.	35.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	105.	105.	105.	105.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	170.	170.	170.	170.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	90.	90.	90.	90.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	115.	115.	115.	115.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	970.	970.	970.	970.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	80.	80.	80.	80.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	265.	265.	265.	265.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	90.	90.	90.	90.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	05/20/92-05/20/92	1 ##	305.	305.	305.	305.	0.	0.	**	**	**	**
34710	BENZO(B/K)FLUORANTHENE (ISOMERS) SED DRY WT UG/KG	05/20/92-05/20/92	1 ##	60.	60.	60.	60.	0.	0.	**	**	**	**
38743	CHLORPYRIFOS-METHYL SEDDRYWGTUG/KG	05/20/92-05/20/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	05/20/92-05/20/92	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	05/20/92-05/20/92	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	05/20/92-05/20/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	05/20/92-05/20/92	1 ##	70.	70.	70.	70.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	1 ##	115.	115.	115.	115.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/20/92-05/20/92	1 ##	225.	225.	225.	225.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	1 ##	80.	80.	80.	80.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	1 ##	110.	110.	110.	110.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	1 ##	90.	90.	90.	90.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/92-05/20/92	1 ##	135.	135.	135.	135.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	1 ##	345.	345.	345.	345.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/92-05/20/92	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/92-05/20/92	1 ##	1170.	1170.	1170.	1170.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/20/92-05/20/92	1 ##	240.	240.	240.	240.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/20/92-05/20/92	1 ##	115.	115.	115.	115.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	05/20/92-05/20/92	1 ##	55.	55.	55.	55.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	05/20/92-05/20/92	1 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/20/92-05/20/92	1 ##	90.	90.	90.	90.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	05/20/92-05/20/92	1 ##	70.	70.	70.	70.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	05/20/92-05/20/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	05/20/92-05/20/92	1 ##	90.	90.	90.	90.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/20/92-05/20/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	05/20/92-05/20/92	1 ##	55.	55.	55.	55.	0.	0.	**	**	**	**
78828	BENZO(GHI)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	05/20/92-05/20/92	1 ##	95.	95.	95.	95.	0.	0.	**	**	**	**
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	05/20/92-05/20/92	1 ##	525.	525.	525.	525.	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	05/20/92-05/20/92	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	05/20/92-05/20/92	1	150000.	150000.	150000.	150000.	0.	0.	**	**	**	**

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********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: TIMU0429

NPS Station ID: TIMU0429
LAT/LON: 30.552531/ -81.667615
Agency: 11NPSWRD
Date Created: 04/03/99
Location: THOMAS CREEK AT JOEL'S LANDING
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TIMU_RESD_NR14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ITALIA; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR14 WAS AT THOMAS CREEK 100 METERS EAST OF JOEL'S LANDING AT THE SOUTHERN CORNER OF THE MARSH ISLAND OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155).
DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	26	5.	5.358	21.	0.3	31.307	5.595	0.3	0.3	8.5	13.2
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-03/05/91	4	1.385	1.503	1.97	1.27	0.106	0.326	**	**	**	**

** - 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 time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	17	0.3	4.571	21.	0.3	33.542	5.792	0.3	0.3	9.	12.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	9	8.	6.844	16.	0.3	26.945	5.191	0.3	1.65	10.	16.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: TIMU0430

NPS Station ID: TIMU0430
LAT/LON: 30.552226/ -81.667781
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: THOMAS CREEK AT JOELS LANDING
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0014
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 03070205000410.33
RF3 Mile Point: 10.93
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-03/05/91	27	25.1	22.441	30.5	11.5	28.513	5.34	15.48	16.5	26.7	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	4	30.5	29.25	32.	24.	12.917	3.594	**	**	**	**
00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	4	20.	26.5	60.	6.	609.	24.678	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	4	9.	9.5	12.	8.	3.667	1.915	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-03/05/91	27	5000.	9417.593	26000.	150.	87279049.405	9342.326	300.	522.	15800.	25520.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	28	5.9	5.85	7.8	4.5	0.874	0.935	4.77	5.	6.275	7.42
00400	PH (STANDARD UNITS)	01/02/85-03/05/91	23	6.7	6.643	7.17	5.5	0.226	0.475	5.94	6.45	7.02	7.14
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-03/05/91	23	6.7	6.346	7.17	5.5	0.318	0.564	5.94	6.45	7.02	7.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-03/05/91	23	0.2	0.451	3.162	0.068	0.48	0.693	0.072	0.095	0.355	1.155
00480	SALINITY - PARTS PER THOUSAND	11/09/87-03/05/91	14	6.5	6.5	15.8	0.	36.538	6.045	0.	0.	11.05	15.75
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-03/05/91	8	20.5	25.25	47.	11.	178.786	13.371	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-03/05/91	17	0.012	0.04	0.154	0.005	0.002	0.049	0.005	0.006	0.089	0.12
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-03/05/91	7	1.2	1.26	1.8	0.89	0.08	0.283	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-03/05/91	17	0.02	0.041	0.17	0.005	0.002	0.044	0.005	0.01	0.07	0.106
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-03/05/91	12	0.215	0.199	0.384	0.027	0.01	0.1	0.051	0.118	0.278	0.354
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-03/05/91	12	1275.	1361.833	3400.	52.	1418011.242	1190.803	60.4	205.	2555.	3280.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-03/05/91	12	1000.	2905.	9300.	40.	11665027.273	3415.41	70.	185.	6125.	8910.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-03/05/91	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-03/05/91	14	562.	642.714	1500.	134.	142412.835	377.376	197.	377.5	887.25	1306.5
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-03/05/91	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-03/05/91	5	3.	32.7	140.	0.5	3647.7	60.396	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	2 ##	13.25	13.25	26.	0.5	325.125	18.031	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-03/05/91	12	17.25	32.125	180.	4.	2347.46	48.451	4.	5.75	38.25	138.6
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-03/05/91	6	670.	1566.667	4700.	290.	3066666.667	1751.19	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-03/05/91	7 ##	2.5	4.929	20.	0.5	47.619	6.901	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-03/05/91	12 ##	3.75	26.958	120.	0.5	2046.203	45.235	0.5	1.625	52.5	117.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-03/05/91	11	3.	7.955	32.	0.5	116.873	10.811	0.5	0.5	16.	30.2
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-03/05/91	13	10.	25.231	110.	0.5	1162.901	34.101	0.7	3.5	40.	97.6
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-03/05/91	16	1250.	1254.625	2400.	14.	732630.25	855.938	81.2	500.	2200.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-03/05/91	16	3.079	2.892	3.38	1.146	0.355	0.595	1.773	2.699	3.336	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			780.552								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-03/05/91	17	220.	529.529	2400.	7.	493551.14	702.532	7.8	45.	720.	1760.

** - Less than 9 observations ## - 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: TIMU0430

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)	01/02/85-03/05/91	17	2.342	2.241	3.38	0.845	0.612	0.783	0.891	1.651	2.843	3.239
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			174.105								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-03/05/91	4 ##	0.175	0.238	0.5	0.1	0.036	0.189	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-03/05/91	4	4.05	4.05	6.3	1.8	3.857	1.964	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-03/05/91	17	6.5	8.076	36.	2.8	57.816	7.604	2.96	3.9	8.2	16.8

** - 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: TIMU0430

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	28	0	0.00	19	0	0.00	9	0	0.00						
00400	PH	Marine Chronic	8.5	23	0	0.00	15	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	23	8	0.35	15	4	0.27	8	4	0.50						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	2	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	2	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	5	1	0.20	4	1	0.25	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1 &	1	1.00	1	1	1.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	1	0.08	10	1	0.10	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	0	0.00	9	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	10 &	7	0.70	7	6	0.86	3	1	0.33						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	8	0.50	10	4	0.40	6	4	0.67						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	9	0.53	11	3	0.27	6	6	1.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	0	0.00	11	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-03/05/91	18	14385.	13193.333	26000.	300.	86053070.588	9276.479	300.	4050.	20925.	26000.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	19	5.9	5.663	6.5	4.9	0.289	0.538	4.9	5.	6.2	6.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-03/05/91	9	522.	1866.111	4750.	150.	4564663.111	2136.507	150.	467.	4690.	4750.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	9	7.	6.244	7.8	4.5	2.043	1.429	4.5	4.65	7.5	7.8

** - 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: TIMU0431

NPS Station ID: TIMU0431
LAT/LON: 30.614142/ -81.668755
Agency: 21FLA
Date Created: 03/13/99
Location: PLUMMERS CR AT SR A1A
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020064
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0431

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0432

NPS Station ID: TIMU0432
LAT/LON: 30.566670/ -81.673892
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: UPPER NASSAU BOAT RAMP
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0013
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1:
RF3 Index: 03070205000300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/85-03/05/91	26	23.95	22.277	29.	11.3	28.389	5.328	15.2	16.85	26.55	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/26/89-03/05/91	4	30.5	28.5	32.	21.	25.667	5.066	**	**	**	**
00032	CLOUD COVER (PERCENT)	07/26/89-03/05/91	4	20.	26.25	60.	5.	622.917	24.958	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/26/89-03/05/91	4	6.5	6.75	10.	4.	7.583	2.754	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/05/91-03/05/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/02/85-03/05/91	25	5500.	9420.44	26700.	215.	73144014.423	8552.427	495.	1755.	14515.	23880.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/87-01/14/87	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	27	5.7	5.874	7.8	4.2	1.159	1.077	4.54	5.1	6.2	7.64
00400	PH (STANDARD UNITS)	01/02/85-03/05/91	22	6.5	6.579	7.14	5.8	0.193	0.439	5.93	6.283	7.048	7.127
00400	CONVERTED PH (STANDARD UNITS)	01/02/85-03/05/91	22	6.5	6.375	7.14	5.8	0.237	0.486	5.93	6.282	7.047	7.127
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/85-03/05/91	22	0.316	0.422	1.585	0.072	0.181	0.426	0.075	0.09	0.525	1.181
00480	SALINITY - PARTS PER THOUSAND	11/09/87-03/05/91	13	6.	5.877	16.2	0.	33.17	5.759	0.	0.	8.85	16.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-03/05/91	8	29.	38.25	120.	9.	1219.643	34.923	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/85-03/05/91	17	0.012	0.033	0.125	0.004	0.002	0.04	0.005	0.006	0.055	0.106
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/88-03/05/91	7	1.27	1.237	1.5	0.83	0.052	0.227	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/02/85-03/05/91	17	0.03	0.059	0.21	0.005	0.003	0.059	0.009	0.013	0.095	0.154
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/87-03/05/91	12	0.159	0.165	0.294	0.026	0.008	0.09	0.026	0.11	0.239	0.29
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/87-03/05/91	12	1275.	1799.333	7200.	64.	4001006.788	2000.252	83.2	290.	2537.5	6060.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/14/87-03/05/91	12	1250.	2955.833	9300.	30.	10740571.97	3277.281	57.	165.	5775.	8730.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	01/14/87-03/05/91	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/02/85-03/05/91	14	500.	589.5	1500.	134.	135024.269	367.456	182.	347.5	755.	1306.5
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	01/14/87-03/05/91	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	03/05/91-03/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	11/09/87-11/09/87	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	05/10/88-03/05/91	5	2.	3.3	10.	0.5	14.95	3.867	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/26/89-03/05/91	2 ##	85.25	85.25	170.	0.5	14365.125	119.855	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/02/85-03/05/91	12	17.25	27.5	130.	2.5	1214.318	34.847	2.65	5.75	37.	103.3
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/14/87-03/05/91	6	645.	1268.333	4600.	210.	2735096.667	1653.813	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/85-03/05/91	7 ##	2.5	2.286	6.	0.5	4.071	2.018	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/02/85-03/05/91	12 ##	2.75	18.708	87.	0.5	970.203	31.148	0.5	1.625	31.25	83.4
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/02/85-03/05/91	11	3.	8.409	28.	0.5	117.191	10.825	0.5	0.5	19.	27.8
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/02/85-03/05/91	13	6.	20.808	95.	0.5	798.772	28.263	1.1	4.25	35.5	77.8
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	03/05/91-03/05/91	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	03/05/91-03/05/91	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/85-03/05/91	16	1260.	1142.375	2400.	1.	752877.317	867.685	12.2	240.	1600.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/85-03/05/91	16	3.084	2.698	3.38	0.	0.837	0.915	0.861	2.376	3.204	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			499.075								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/85-03/05/91	17	170.	557.	2400.	1.	558752.	747.497	6.6	70.	1070.	1760.

** - Less than 9 observations ## - 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: TIMU0432

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)	01/02/85-03/05/91	17	2.23	2.227	3.38	0.	0.762	0.873	0.722	1.841	2.968	3.239
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			168.54								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	03/10/87-03/05/91	4 ##	0.175	0.238	0.5	0.1	0.036	0.189	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	01/02/85-03/05/91	4	4.6	4.675	7.8	1.7	8.616	2.935	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/02/85-03/05/91	17	6.4	6.265	11.	2.	5.711	2.39	2.96	4.	8.	9.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0432

				Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	27	0	0.00	18	0	0.00	9	0	0.00						
00400	PH	Marine Chronic	8.5	22	0	0.00	14	0	0.00	8	0	0.00						
		Other-Lo Lim.	6.5	22	12	0.55	14	7	0.50	8	5	0.63						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	5	0	0.00	2	0	0.00	3	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	5	0	0.00	2	0	0.00	3	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	5	0	0.00	4	0	0.00	1	0	0.00						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	1 &	1	1.00	1	1	1.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	12	1	0.08	10	1	0.10	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	7	0	0.00	5	0	0.00	2	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	12	0	0.00	9	0	0.00	3	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	9 &	7	0.78	6	6	1.00	3	1	0.33						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	8	0.50	10	5	0.50	6	3	0.50						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	17	7	0.41	11	3	0.27	6	4	0.67						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Marine Acute	2.1	4	0	0.00	2	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	17	0	0.00	11	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	18	5.55	5.644	7.4	4.9	0.386	0.621	4.9	5.1	6.025	6.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/85-03/05/91	9	7.5	6.333	7.8	4.2	2.59	1.609	4.2	4.45	7.7	7.8

** - 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: TIMU0433

NPS Station ID: TIMU0433 | LAT/LON: 30.573448/ -81.674032 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: UPPER NASSAU BOAT RAMP | FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): TIMU_RESD_NR13
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: ST. MARYS-NASSAU RIVER | ECO Region:
RF1 Index: 03070205 | RF1 Mile Point: 0.000 | Distance from RF1: 16.10 | On/Off RF1:
RF3 Index: 03080103010402.68 | RF3 Mile Point: 3.16 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ITALIA; FLORIDA 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION NR13 WAS AT THE UPPER NASSAU RIVER BOAT RAMP APPROXIMATELY THREE KILOMETERS NORTHWEST OF THE THOMAS CREEK AND NASSAU RIVER CONFLUENCE; ALIGNED WITH A LOGGING ROAD ON THE WEST BANK; OUTSIDE OF THE TIMUCUAN ECOLOGICAL AND HISTORIC PRESERVE (TIMU) PARK BOUNDARIES. THE RIVER WAS SAMPLED AS PART OF THE AMBIENT WATER QUALITY MONITORING PROGRAM CONDUCTED BY THE REGULATORY AND ENVIRONMENTAL SERVICES DEPARTMENT; AIR AND WATER QUALITY DIVISION OF THE CITY OF JACKSONVILLE; FLORIDA. DATA ARE FROM THE EXCEL FILES NR_HY; NR_L; AND NR_M. FOR MORE INFORMATION ABOUT THE PARK CONTACT TIMU'S CHIEF OF RESOURCES AT 13165 MT. PLEASANT ROAD; JACKSONVILLE FL 32225 (TEL. 904-641-7155). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: TIMU0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	26	6.	6.023	26.	0.3	46.595	6.826	0.3	0.3	10.	15.4
00600	NITROGEN, TOTAL (MG/L AS N)	10/11/88-03/05/91	4	1.35	1.398	1.71	1.18	0.05	0.225	**	**	**	**

** - Less than 9 observations ## - 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. **********

Seasonal Analysis for Season #1: 4/15 to 11/14 - Station TIMU0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	16	0.3	4.981	26.	0.3	50.454	7.103	0.3	0.3	9.	16.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/15 to 4/14 - Station TIMU0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/02/85-03/05/91	10	8.	7.69	21.	0.3	40.323	6.35	0.3	0.3	10.25	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

Station Inventory for Station: TIMU0434

NPS Station ID: TIMU0434 LAT/LON: 30.592227/ -81.677226 Agency: 21FLSJWM Date Created: 08/01/92
Location: NASSAU RIVER AT "NASSAU LANDING" RAMP FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NR005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03070205 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03070205 RF1 Mile Point: 0.000 Distance from RF1: 1.80 On/Off RF1:
RF3 Index: 03070205000105.39 RF3 Mile Point: 6.79 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/92-01/18/93	4	21.85	21.35	27.6	14.1	40.59	6.371	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/19/92-01/18/93	4	0.45	0.463	0.65	0.3	0.022	0.149	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/92-01/18/93	4	450.	450.	600.	300.	16666.667	129.099	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/92-01/18/93	3	710.	786.667	1150.	500.	110033.333	331.713	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/92-01/18/93	4	5.2	5.325	6.9	4.	1.429	1.195	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/92-01/18/93	4	6.25	6.25	6.5	6.	0.057	0.238	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/92-01/18/93	4	6.225	6.203	6.5	6.	0.06	0.244	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/92-01/18/93	4	0.596	0.627	1.	0.316	0.105	0.325	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	105.5	363.	1209.	32.	321500.667	567.01	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/19/92-01/18/93	4	1.947	2.12	3.082	1.505	0.502	0.708	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			131.902								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	1.595	1.61	2.78	0.47	0.918	0.958	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	0.405	0.538	1.34	0.	0.335	0.579	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	0.13	0.653	2.35	0.	1.296	1.138	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	05/19/92-01/18/93	4	0.165	0.208	0.5	0.	0.062	0.249	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/19/92-01/18/93	4	1.03	1.805	4.87	0.29	4.361	2.088	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	05/19/92-01/18/93	4	1.265	1.248	1.46	1.	0.038	0.196	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/19/92-01/18/93	4	6.4	6.45	9.2	3.8	5.29	2.3	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/19/92-01/18/93	4	4.55	4.025	5.	2.	1.869	1.367	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0434

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	1	0.25	3	1	0.33	1	0	0.00						
00400	PH	Marine Chronic	8.5	4	0	0.00	3	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	4	4	1.00	3	3	1.00	1	1	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	3	1	0.33	1	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	3	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0435

NPS Station ID: TIMU0435
LAT/LON: 30.598337/ -81.685087
Agency: 21FLA
Date Created: 11/21/98
Location: PLUMMER CR @ YULEE RD
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020063
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU RIVER
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/98-09/02/98	3	1.	0.733	1.	0.2	0.213	0.462	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/98-09/02/98	1	24.6	24.6	24.6	24.6	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/02/98-09/02/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/02/98-09/02/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/98-09/02/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/02/98-09/02/98	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/02/98-09/02/98	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/98-09/02/98	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/02/98-09/02/98	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/02/98-09/02/98	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/98-09/02/98	1	3.35	3.35	3.35	3.35	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/98-09/02/98	1	3.35	3.35	3.35	3.35	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/98-09/02/98	1	446.684	446.684	446.684	446.684	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/98-09/02/98	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/02/98-09/02/98	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/02/98-09/02/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/02/98-09/02/98	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/02/98-09/02/98	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/02/98-09/02/98	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/98-09/02/98	1	0.041	0.041	0.041	0.041	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/02/98-09/02/98	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/02/98-09/02/98	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/98-09/02/98	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/02/98-09/02/98	1	1270.	1270.	1270.	1270.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/02/98-09/02/98	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/02/98-09/02/98	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/98-09/02/98	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/02/98-09/02/98	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/02/98-09/02/98	1	3180.	3180.	3180.	3180.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/02/98-09/02/98	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/02/98-09/02/98	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/02/98-09/02/98	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/02/98-09/02/98	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/02/98-09/02/98	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/98-09/02/98	1	6050.	6050.	6050.	6050.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/98-09/02/98	1	3.782	3.782	3.782	3.782	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6050.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/98-09/02/98	1	16.	16.	16.	16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/98-09/02/98	1	1.204	1.204	1.204	1.204	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.								
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	09/02/98-09/02/98	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0435

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0436

NPS Station ID: TIMU0436
LAT/LON: 30.581392/ -81.685837
Agency: 112WRD
Date Created: 06/22/85
Location: NASSAU RIVER NEAR ITALIA, FLA
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 303453081410900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205005
RF1 Mile Point: 4.280
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205060500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/01/82-09/09/85	21	945.	1566.238	16500.	84.	12333740.39	3511.943	112.	125.	1317.5	3060.
00300	OXYGEN, DISSOLVED MG/L	12/01/82-09/09/85	15	4.4	4.427	6.5	0.8	1.626	1.275	2.54	4.	4.9	6.32
00400	PH (STANDARD UNITS)	12/01/82-09/09/85	11	6.2	6.222	7.	4.9	0.266	0.516	5.14	6.1	6.5	6.918
00400	CONVERTED PH (STANDARD UNITS)	12/01/82-09/09/85	11	6.2	5.792	7.	4.9	0.469	0.685	5.14	6.1	6.5	6.918
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/01/82-09/09/85	11	0.631	1.614	12.589	0.1	13.306	3.648	0.131	0.316	0.794	10.23
00480	SALINITY - PARTS PER THOUSAND	09/04/84-05/08/85	3	1.5	1.633	2.3	1.1	0.373	0.611	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/84-12/04/84	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/07/84-09/09/85	8	0.046	0.042	0.056	0.018	0.	0.012	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/84-12/04/84	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/07/84-09/09/85	8	1.09	1.143	1.75	0.87	0.069	0.263	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/04/84-12/04/84	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/01/82-09/09/85	13	0.04	0.065	0.18	0.01	0.003	0.053	0.014	0.03	0.105	0.168
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	12/04/84-12/04/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/01/82-09/09/85	12	0.208	0.208	0.304	0.143	0.003	0.057	0.144	0.149	0.265	0.295
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/84-12/04/84	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/84-12/04/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/84-12/04/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/84-12/04/84	1	350.	350.	350.	350.	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/04/84-12/04/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	12/04/84-12/04/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/01/82-09/09/85	13	0.136	0.16	0.328	0.103	0.004	0.063	0.103	0.112	0.194	0.28
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/84-12/04/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	12/04/84-12/04/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0436

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	4	0.27	10	3	0.30	5	1	0.20						
00400	PH	Marine Chronic	8.5	11	0	0.00	7	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	11	9	0.82	7	7	1.00	4	2	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0437

NPS Station ID: TIMU0437
LAT/LON: 30.581392/ -81.685837
Agency: 21FLSJWM
Date Created: 06/24/95
Location: NASSAU RIVER NEAR ITALIA
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NRI /OLD USGS STN
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 16.10
On/Off RF1:
RF3 Index: 03080103010402.68
RF3 Mile Point: 3.16
Distance from RF3: 0.58
On/Off RF3:
Description:
DEP WM580 CONTRACT

Parameter Inventory for Station: TIMU0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/95-07/21/98	34	22.4	22.021	30.4	11.5	44.902	6.701	12.2	15.7	28.9	29.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/07/95-07/21/98	33	25.	22.909	35.	7.	60.71	7.792	12.	16.	28.5	33.
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/95-07/25/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/95-07/21/98	35	200.	227.429	480.	60.	8985.84	94.794	150.	180.	300.	390.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/07/95-07/21/98	34	244.	701.676	5760.	78.	1847863.619	1359.361	108.5	150.	424.75	2075.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/95-07/21/98	33	5.4	5.097	8.2	1.7	3.617	1.902	2.16	3.55	6.35	7.92
00400	PH (STANDARD UNITS)	06/07/95-07/21/98	33	6.19	6.116	6.89	3.4	0.398	0.631	5.714	5.8	6.515	6.79
00400	CONVERTED PH (STANDARD UNITS)	06/07/95-07/21/98	33	6.19	4.887	6.89	3.4	1.955	1.398	5.714	5.8	6.515	6.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/95-07/21/98	33	0.646	12.971	398.107	0.129	4780.876	69.144	0.162	0.308	1.585	1.932
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/95-07/21/98	35	21.	21.143	48.	12.	50.597	7.113	13.6	16.	24.	28.
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	01/05/97-01/05/97	1	33.3	33.3	33.3	33.3	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/95-07/21/98	35	8.	9.043	30.	1.	54.579	7.388	2.3	2.5	12.	20.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/95-07/21/98	32	0.052	0.109	0.979	0.017	0.052	0.229	0.021	0.027	0.072	0.132
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/07/95-07/21/98	34	1.135	1.155	2.4	-0.055	0.177	0.421	0.859	0.938	1.323	1.83
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	01/05/97-01/05/97	1	273.	273.	273.	273.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/07/95-07/21/98	34	0.055	0.161	1.95	0.006	0.195	0.442	0.02	0.03	0.08	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/95-07/21/98	34	0.191	0.181	0.283	0.066	0.002	0.049	0.101	0.158	0.205	0.248
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	01/05/97-01/05/97	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/95-07/21/98	34	25.7	27.924	42.9	15.2	52.848	7.27	17.85	23.1	33.825	38.8
00916	CALCIUM, TOTAL (MG/L AS CA)	06/07/95-07/21/98	35	9.7	16.409	90.2	6.	359.845	18.97	6.22	7.	14.	38.52
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/07/95-07/21/98	35	7.5	20.791	143.	2.7	1242.073	35.243	3.06	4.2	17.3	71.72
00929	SODIUM, TOTAL (MG/L AS NA)	06/07/95-07/21/98	35	40.	149.018	1240.	9.61	81093.179	284.769	13.06	16.5	123.	557.4
00937	POTASSIUM, TOTAL MG/L AS K)	06/07/95-07/21/98	35	3.78	8.566	64.5	1.24	164.791	12.837	1.98	2.7	9.4	23.6
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/95-07/21/98	35	63.	283.657	2520.	13.	327531.526	572.304	21.6	31.	236.	1038.8
00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/95-07/21/98	35	18.	44.957	317.	0.5	5899.785	76.81	0.8	4.	38.	161.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/05/97-01/05/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	1	7.97	7.97	7.97	7.97	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/07/95-07/21/98	27 ##	2.	2.109	10.	-0.5	8.297	2.881	0.	0.5	7.	-0.5
01045	IRON, TOTAL (UG/L AS FE)	06/07/95-07/21/98	35	590.	700.857	1470.	319.	96475.714	310.605	369.8	466.	894.	1282.
01051	LEAD, TOTAL (UG/L AS PB)	06/07/95-07/21/98	30 ##	0.45	1.478	14.	-2.	13.446	3.667	0.	0.288	1.	-1.85
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/05/97-01/05/97	1	5.48	5.48	5.48	5.48	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	01/05/97-01/05/97	1	131.	131.	131.	131.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/05/97-01/05/97	1 ##	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/05/97-01/05/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/07/95-07/21/98	32 ##	4.5	14.047	124.	-1.	811.683	28.49	1.	2.5	12.	28.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	01/05/97-01/05/97	1	5810.	5810.	5810.	5810.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	01/05/97-01/05/97	1 ##	0.135	0.135	0.135	0.135	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	01/05/97-01/05/97	1	3230.	3230.	3230.	3230.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/96-07/21/98	22	630.	908.182	4800.	100.	1171758.442	1082.478	212.	365.	950.	2630.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/96-07/21/98	22	2.797	2.78	3.681	2.	0.143	0.378	2.325	2.561	2.976	3.388
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			603.049								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/25/95-01/27/97	14	1300.	2335.714	9000.	400.	5022472.527	2241.087	550.	1250.	2550.	7000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/25/95-01/27/97	14	3.114	3.235	3.954	2.602	0.116	0.341	2.724	3.096	3.404	3.827
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1718.317								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/11/96-05/20/97	8	130.	141.25	500.	20.	23469.643	153.198	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/11/96-05/20/97	8	2.114	1.962	2.699	1.301	0.192	0.438	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			91.519								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/95-07/21/98	30	84.	281.4	1700.	10.	193681.421	440.093	32.8	50.	247.5	1260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/07/95-07/21/98	30	1.924	2.072	3.23	1.	0.304	0.551	1.515	1.699	2.391	3.098
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			118.075								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	30	2.23	4.09	19.3	0.01	24.797	4.98	0.081	0.784	6.88	11.04
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-07/21/98	21	1.4	2.025	5.	0.01	3.293	1.815	0.01	0.25	4.105	4.74
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	25	1.3	0.976	4.2	-0.8	2.392	1.547	0.046	0.158	4.2	-0.42
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/07/95-07/21/98	33	0.55	1.862	7.4	0.01	6.01	2.451	0.053	0.285	2.85	6.942
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/07/95-07/21/98	34	6.16	6.343	28.5	-5.	70.811	8.415	0.47	1.283	10.575	21.2
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/07/95-07/21/98	34	1.055	0.941	4.	-3.	1.234	1.111	0.095	0.353	1.578	2.5
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.131	0.131	0.131	0.131	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.133	0.133	0.133	0.133	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	1	2.59	2.59	2.59	2.59	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	2.48	2.48	2.48	2.48	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.286	0.286	0.286	0.286	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.088	0.088	0.088	0.088	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	6.35	6.35	6.35	6.35	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.053	0.053	0.053	0.053	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1	4.93	4.93	4.93	4.93	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.279	0.279	0.279	0.279	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	01/05/97-01/05/97	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.655	0.655	0.655	0.655	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.145	0.145	0.145	0.145	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.235	0.235	0.235	0.235	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	01/05/97-01/05/97	1 ##	0.097	0.097	0.097	0.097	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	01/05/97-01/05/97	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	01/05/97-01/05/97	1 ##	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/17/97-07/21/98	19	70.	180.474	736.	26.	60128.93	245.212	26.	34.	228.	716.

** - Less than 9 observations ## - 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: TIMU0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1	2.09	2.09	2.09	2.09	0.	0.	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
49757	NAPHTHALENE,2,3,5-TRIMETHYL,DRY WT.,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
49900	PARTICLE SIZE, CLAY 0.002-0.0002MM, DRYWTSEDIMENT%	01/05/97-01/05/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
49906	PARTICLE SIZE,0.05-0.002MM SILT,DRYWT.,SEDIMENT %	01/05/97-01/05/97	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
49925	PARTICLE SIZE, .05-2.0MM SAND DRY WT.,SEDIMENT %	01/05/97-01/05/97	1	90.2	90.2	90.2	90.2	0.	0.	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.105	0.105	0.105	0.105	0.	0.	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	01/05/97-01/05/97	1 ##	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
50944	DIBENZ(A,H)ANTHRACENE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
50947	PCB CONGENER #28 (CL3), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50951	PCB CONGENER #77/110 (CL4/CL5) DRY WGT,SED UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50957	PCB CONGENER #126/129(CL5/CL6) DRY WGT,SED UG/KG	01/05/97-01/05/97	1 ##	0.295	0.295	0.295	0.295	0.	0.	**	**	**	**
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
50966	GAMMA-CHLORDANE, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
50967	ENDOSULFAN II, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
61115	PCB CONGENER #169 (C16) SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
61116	TOTAL SEDIMENT PARTICLE SIZE % 0 - 0.49 UM	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
61117	TOTAL SEDIMENT PARTICLE SIZE % 0.49 - 0.69 UM	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
61124	TOTAL SEDIMENT PARTICLE SIZE % 5.52 - 7.81 UM	01/05/97-01/05/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
61125	TOTAL SEDIMENT PARTICLE SIZE % 7.81 - 11.0 UM	01/05/97-01/05/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
61126	TOTAL SEDIMENT PARTICLE SIZE % 11.0 - 15.6 UM	01/05/97-01/05/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
61127	TOTAL SEDIMENT PARTICLE SIZE % 15.6 - 22.1 UM	01/05/97-01/05/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
61128	TOTAL SEDIMENT PARTICLE SIZE % 22.1 - 31.0 UM	01/05/97-01/05/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
61129	TOTAL SEDIMENT PARTICLE SIZE % 31.0 - 44.0 UM	01/05/97-01/05/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
61130	TOTAL SEDIMENT PARTICLE SIZE % 44.0 - 62.5 UM	01/05/97-01/05/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
61131	TOTAL SEDIMENT PARTICLE SIZE % 62.5 - 88.0 UM	01/05/97-01/05/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
61132	TOTAL SEDIMENT PARTICLE SIZE % 88.0 - 125.0 UM	01/05/97-01/05/97	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
61133	TOTAL SEDIMENT PARTICLE SIZE % 125 - 177 UM	01/05/97-01/05/97	1	32.5	32.5	32.5	32.5	0.	0.	**	**	**	**
61134	TOTAL SEDIMENT PARTICLE SIZE % 177 - 250 UM	01/05/97-01/05/97	1	25.4	25.4	25.4	25.4	0.	0.	**	**	**	**
61135	TOTAL SEDIMENT PARTICLE SIZE % 250 - 350 UM	01/05/97-01/05/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
61136	TOTAL SEDIMENT PARTICLE SIZE % 350 - 500 UM	01/05/97-01/05/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
61137	TOTAL SEDIMENT PARTICLE SIZE % 500 - 710 UM	01/05/97-01/05/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
61138	TOTAL SEDIMENT PARTICLE SIZE % 710 - 1000 UM	01/05/97-01/05/97	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
61139	TOTAL SEDIMENT PARTICLE SIZE % 1000 - 1410 UM	01/05/97-01/05/97	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
61140	TOTAL SEDIMENT PARTICLE SIZE % 1410 - 2000 UM	01/05/97-01/05/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
61142	MEAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	164.	164.	164.	164.	0.	0.	**	**	**	**
61143	STANDARD DEVIATION OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	3.34	3.34	3.34	3.34	0.	0.	**	**	**	**
61144	MEDIAN SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	169.	169.	169.	169.	0.	0.	**	**	**	**
61145	MODE OF SEDIMENT PARTICLE SIZE UM	01/05/97-01/05/97	1	169.	169.	169.	169.	0.	0.	**	**	**	**
61146	KURTOSIS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	1	4.23	4.23	4.23	4.23	0.	0.	**	**	**	**
61147	SKEWNESS OF SEDIMENT PARTICLE DISTRIBUTION UM	01/05/97-01/05/97	1	-1.15	-1.15	-1.15	-1.15	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/95-07/21/98	35	232.	620.686	4680.	105.	1025677.281	1012.757	116.	160.	496.	1926.
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	01/05/97-01/05/97	1	66.7	66.7	66.7	66.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/07/95-07/21/98	40	0.136	0.131	0.254	0.003	0.003	0.053	0.049	0.114	0.161	0.181
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/05/97-01/05/97	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
73123	CHLORONAPHTHALENE,1-, DRY WEIGHT, SEDIMENT UG/KG	01/05/97-01/05/97	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	01/05/97-01/05/97	1 ##	0.085	0.085	0.085	0.085	0.	0.	**	**	**	**
78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	01/05/97-01/05/97	1 ##	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: TIMU0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.155	0.155	0.155	0.155	0.	0.	**	**	**	**
78871	OXYCHLORDANE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
78924	NONACHLOR, CIS, SEDIMENT, DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79787	TETRACHLOROBENZENE,1,2,4,5- SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
79792	CHLORPYRIFOS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79796	CHLORDANE, CIS SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
79798	METHOXYCHLOR SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
81857	KEPONE IN SEDIMENT DRY WEIGHT UG/KG	01/05/97-01/05/97	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	01/05/97-01/05/97	1	4060.	4060.	4060.	4060.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/07/95-07/21/98	35	5.2	5.269	11.2	1.9	6.028	2.455	2.36	3.3	6.6	9.24
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/07/95-07/21/98	34	5.	4.941	7.	1.5	0.911	0.954	4.35	4.6	5.6	5.85
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	01/05/97-01/05/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85791	ENDRIN KETONE, SEDIMENT, DRY WT,(SF) UG/KG	01/05/97-01/05/97	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0437

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------4/15-11/14---------- Obs	Exceed	Prop.	----------11/15-4/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	33	10	0.30	22	10	0.45	11	0	0.00						
00400	PH	Fresh Chronic	9.	33	0	0.00	22	0	0.00	11	0	0.00						
		Other-Lo Lim.	6.5	33	25	0.76	22	20	0.91	11	5	0.45						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	34	0	0.00	22	0	0.00	12	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	35	3	0.09	23	3	0.13	12	0	0.00						
		Drinking Water	250.	35	7	0.20	23	7	0.30	12	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	35	3	0.09	23	3	0.13	12	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	27	0	0.00	19	0	0.00	8	0	0.00						
		Drinking Water	1300.	27	0	0.00	19	0	0.00	8	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	30	0	0.00	20	0	0.00	10	0	0.00						
		Drinking Water	15.	30	0	0.00	20	0	0.00	10	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	32	1	0.03	20	1	0.05	12	0	0.00						
		Drinking Water	5000.	32	0	0.00	20	0	0.00	12	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	5	0.23	12	2	0.17	10	3	0.30						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	12	0.86	10	9	0.90	4	3	0.75						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	1	0.13	4	0	0.00	4	1	0.25						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	30	8	0.27	20	3	0.15	10	5	0.50						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	35	0	0.00	23	0	0.00	12	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0438

NPS Station ID: TIMU0438
LAT/LON: 30.581392/ -81.685837
Agency: 21FLSJWM
Date Created: 08/01/92
Location: MILLS & BOGGY CKS CONF @ POLICE CLUB RD
FIPS State/County: 12089 FLORIDA/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MBC /SSJ10030
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070204
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 03080103009600.43
RF3 Mile Point: 0.43
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/01/82-09/09/85	18	25.15	22.194	28.5	15.	29.103	5.395	15.	15.75	26.4	27.96
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/82-03/05/85	8	27.	25.438	37.	15.	55.817	7.471	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/01/82-09/09/85	13	20.	40.	100.	0.	2095.833	45.78	0.	0.	97.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	12/01/82-07/09/85	10	3.	3.8	8.	1.	5.511	2.348	1.1	2.	5.5	7.9
00039	SAMPLE LENGTH IN MILLIMETERS	12/01/82-09/09/85	12	20.	33.	64.	20.	377.818	19.438	20.	20.	54.	64.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	12/05/84-03/05/85	2	21.	21.	24.	18.	18.	4.243	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/01/82-11/11/90	14	200.	234.143	700.	8.	23657.209	153.809	66.5	175.	250.	525.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/11/90-11/11/90	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/01/82-09/09/85	12	1.35	1.825	5.4	1.	1.453	1.205	1.03	1.2	2.1	4.47
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/01/82-09/09/85	12	20.5	30.25	83.	12.	572.023	23.917	12.9	15.25	37.5	80.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/82-09/09/85	13	7.	8.231	20.	3.	19.692	4.438	3.8	5.	11.	16.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/05/84-09/09/85	5	0.034	0.044	0.08	0.016	0.001	0.025	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/05/84-11/11/90	6	0.905	1.752	6.33	0.58	5.065	2.251	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/05/84-09/09/85	4	0.117	0.122	0.152	0.103	0.001	0.024	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/01/82-09/09/85	11	52.	86.091	188.	20.	3316.091	57.586	22.8	39.	130.	183.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/83-09/09/85	7	8.9	14.157	29.2	5.	95.126	9.753	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/11/90-11/11/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/83-09/09/85	7	18.	20.5	60.	2.4	402.87	20.072	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/06/83-09/09/85	7	95.	141.171	402.	7.2	21608.872	147.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/83-09/09/85	7	7.8	8.357	19.	1.9	41.46	6.439	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/01/82-09/09/85	13	240.	295.692	1020.	13.	79032.231	281.127	19.	53.5	424.	832.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/01/82-09/09/85	13	24.	41.538	147.	1.	1981.436	44.513	1.	3.5	68.5	126.6
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/83-09/09/85	7	391.	512.286	1417.	154.	185581.238	430.791	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/01/82-09/09/85	11	1.92	4.504	15.4	0.64	21.167	4.601	0.652	0.8	7.18	13.858
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-09/09/85	11	0.53	2.224	9.9	0.	9.251	3.042	0.	0.27	3.47	8.882
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/01/82-09/09/85	11	0.74	0.595	1.5	0.	0.301	0.549	0.	0.	1.13	1.446
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/01/82-09/09/85	11	1.07	0.925	2.09	0.	0.781	0.884	0.	0.	1.94	2.072
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/01/82-09/09/85	11	2.8	3.207	9.3	0.	8.17	2.858	0.134	1.04	4.65	8.878
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	12/01/82-09/09/85	11	1.14	1.029	1.44	0.	0.165	0.406	0.12	1.	1.29	1.412
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/01/82-09/09/85	13	677.	672.692	2020.	144.	266489.731	516.226	149.2	220.5	893.	1640.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/01/82-09/09/85	13	3.7	3.685	7.9	1.5	3.9	1.975	1.58	1.8	5.	7.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0438

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	1	0.08	7	1	0.14	6	0	0.00						
		Drinking Water	250.	13	6	0.46	7	4	0.57	6	2	0.33						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	13	0	0.00	7	0	0.00	6	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	13	0	0.00	7	0	0.00	6	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0439

NPS Station ID: TIMU0439
LAT/LON: 30.547782/ -81.708892
Agency: 112WRD
Date Created: 04/14/78
Location: D-0624 J-0690
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303252081423201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205006
RF1 Mile Point: 4.020
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205025000.00
RF3 Mile Point: 9.60
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0439

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/76-10/04/76	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/76-10/04/76	1	284.	284.	284.	284.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/76-10/04/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0439

			Total	Exceed	Prop.	4/15-11/14			11/15-4/14			n/a			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0440

NPS Station ID: TIMU0440
LAT/LON: 30.551670/ -81.710281
Agency: 112WRD
Date Created: 04/14/78
Location: D-0623 J-0689
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303306081423701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205006
RF1 Mile Point: 4.020
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03070205030900.00
RF3 Mile Point: 5.88
Distance from RF3: 0.97
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0440

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/76-10/04/76	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/76-10/04/76	1	296.	296.	296.	296.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/76-10/04/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0440

			Total	Exceed	Prop.	----------4/15-11/14----------			----------11/15-4/14----------			----------n/a----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0441

NPS Station ID: TIMU0441
LAT/LON: 30.574476/ -81.721893
Agency: 21FLA
Date Created: / /
Location: THOMAS CR 4 MI BELOW CITY PRISON
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 19020033
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: NASSAU-ST MARYS
ECO Region:
RF1 Index: 03070205006
RF1 Mile Point: 5.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03070205000600.00
RF3 Mile Point: 4.06
Distance from RF3: 0.00
On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, THOMAS THOMAS CREEK 4 MILES DOWNSTREAM FROM JACKSONVILLE CITY PRISON FARM
1/2 MILE UPSTREAM FROM WEST LANDING BASIN SEGMENT NO 19.02AA DUVAL CO

Parameter Inventory for Station: TIMU0441

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/75-03/20/75	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/75-03/20/75	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/20/75-03/20/75	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/75-03/20/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/20/75-03/20/75	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/20/75-03/20/75	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/75-03/20/75	1	0.389	0.389	0.389	0.389	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/20/75-03/20/75	1	1.34	1.34	1.34	1.34	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/75-03/20/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0441

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00				1	1	1.00						
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0442

NPS Station ID: TIMU0442 | LAT/LON: 30.560059/ -81.731726 | Agency: 21FLA | Date Created: / /
Location: THOMAS CR 2 MI BELOW PRISON FARM | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): 19020032
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: NASSAU-ST MARYS | ECO Region:
RF1 Index: 03070205006 | RF1 Mile Point: 6.390 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03070205000603.12 | RF3 Mile Point: 5.11 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, THOMAS THOMAS CREEK TWO MILES DOWNSTREAM FROM JACKSONVILLE CITY PRISON FARM
BASIN SEGMENT NO 19.02AA DUVAL CO

Parameter Inventory for Station: TIMU0442

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/75-03/20/75	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/75-03/20/75	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/20/75-03/20/75	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/75-03/20/75	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/20/75-03/20/75	1	6.27	6.27	6.27	6.27	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/20/75-03/20/75	1	6.27	6.27	6.27	6.27	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/75-03/20/75	1	0.537	0.537	0.537	0.537	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/20/75-03/20/75	1	1.18	1.18	1.18	1.18	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/75-03/20/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0442

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00				1	1	1.00						
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: TIMU0443

NPS Station ID: TIMU0443
LAT/LON: 30.545837/ -81.732226
Agency: 112WRD
Date Created: 04/14/78
Location: DS-0122
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 303245081435601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205006
RF1 Mile Point: 7.500
Distance from RF1: 13.10
On/Off RF1: OFF
RF3 Index: 03080103246400.00
RF3 Mile Point: 0.02
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/02/77-05/02/77	1	-6.9	-6.9	-6.9	-6.9	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/02/77-05/02/77	1	10.9	10.9	10.9	10.9	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: TIMU0444

NPS Station ID: TIMU0444
LAT/LON: 30.551392/ -81.733337
Agency: 21FLJXWQ
Date Created: 01/23/93
Location: THOMAS CREEK AT ETHYL ROAD
FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NR0016
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03070205
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03070205
RF1 Mile Point: 0.000
Distance from RF1: 9.90
On/Off RF1:
RF3 Index: 03070205000605.86
RF3 Mile Point: 5.96
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: TIMU0444

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: TIMU0445

NPS Station ID: TIMU0445 | LAT/LON: 30.534726/ -81.741171 | Agency: 21FLA | Date Created: / /
Location: THOMAS CREEK ABOVE PRISON FARM | FIPS State/County: 12031 FLORIDA/DUVAL
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): 19020031
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03070205 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: NASSAU-ST MARYS | ECO Region:
RF1 Index: 03070205006 | RF1 Mile Point: 8.660 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080103301700.09 | RF3 Mile Point: 0.08 | Distance from RF3: 0.01 | On/Off RF3:
Description:
SEGMENT 19.2AA BODY OF WATER: CREEK, THOMAS THOMAS CREEK ABOVE OUTFALL FROM JACKSONVILLE CITY PRISON FARM OFF SHORE FROM CLAY LANDING DUVAL CO

Parameter Inventory for Station: TIMU0445

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/75-03/20/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/75-03/20/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/75-03/20/75	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/20/75-03/20/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/75-03/20/75	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/20/75-03/20/75	1	6.14	6.14	6.14	6.14	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/20/75-03/20/75	1	6.14	6.14	6.14	6.14	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/20/75-03/20/75	1	0.724	0.724	0.724	0.724	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/20/75-03/20/75	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/20/75-03/20/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: TIMU0445

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00				1	1	1.00						
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire TIMU/FOCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	259	3	0.01	162	1	0.01	97	2	0.02						
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	763	4	0.01	495	3	0.01	268	1	0.00						
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	47324	6098	0.13	19601	5927	0.30	27723	171	0.01						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1397 &	113	0.08	814	83	0.10	583	30	0.05						
00400	PH	Fresh Chronic	9.	2494	0	0.00	1423	0	0.00	1071	0	0.00						
		Marine Chronic	8.5	1161	1	0.00	764	0	0.00	397	1	0.00						
		Other-Lo Lim.	6.5	3655	546	0.15	2187	302	0.14	1468	244	0.17						
00403	PH, LAB	Fresh Chronic	9.	268	0	0.00	163	0	0.00	105	0	0.00						
		Marine Chronic	8.5	503	0	0.00	348	0	0.00	155	0	0.00						
		Other-Lo Lim.	6.5	771	8	0.01	511	6	0.01	260	2	0.01						
00406	PH, FIELD	Fresh Chronic	9.	41	0	0.00	22	0	0.00	19	0	0.00						
		Marine Chronic	8.5	50463	14	0.00	23871	0	0.00	26592	14	0.00						
		Other-Lo Lim.	6.5	50504	25	0.00	23893	8	0.00	26611	17	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	2	0	0.00	3	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	79	0	0.00	45	0	0.00	34	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	2	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	126	0	0.00	88	0	0.00	38	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1498	0	0.00	933	0	0.00	565	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	143	0	0.00	85	0	0.00	58	0	0.00						
00720	CYANIDE, TOTAL	Marine Acute	0.001	0 &	0	0.00												
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1759	1512	0.86	978	833	0.85	781	679	0.87						
		Drinking Water	250.	1759	1551	0.88	978	859	0.88	781	692	0.89						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	295	146	0.49	192	107	0.56	103	39	0.38						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	64	0	0.00	35	0	0.00	29	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	133	9	0.07	73	8	0.11	60	1	0.02						
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
		Marine Acute	69.	236	0	0.00	124	0	0.00	112	0	0.00						
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
		Marine Acute	300.	238	0	0.00	125	0	0.00	113	0	0.00						
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Marine Acute	2130.	19	0	0.00				19	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	40	0	0.00	20	0	0.00	20	0	0.00						
		Drinking Water	50.	40	0	0.00	20	0	0.00	20	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	26	0	0.00	14	0	0.00	12	0	0.00						
		Drinking Water	50.	26	0	0.00	14	0	0.00	12	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	66	0	0.00	34	0	0.00	32	0	0.00						
		Drinking Water	50.	66	1	0.02	34	1	0.03	32	0	0.00						
		Marine Acute	69.	24 &	0	0.00	15	0	0.00	9	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	8	0	0.00	4	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	1 &	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	36	1	0.03	18	1	0.06	18	0	0.00						
		Drinking Water	5.	36	1	0.03	18	1	0.06	18	0	0.00						
		Marine Acute	43.	10	2	0.20	10	2	0.20									
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	21 &	0	0.00	11	0	0.00	10	0	0.00						
		Drinking Water	5.	21 &	0	0.00	11	0	0.00	10	0	0.00						
		Marine Acute	43.	30	9	0.30	21	3	0.14	9	6	0.67						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	113 &	5	0.04	74	5	0.07	39	0	0.00						
		Drinking Water	5.	113 &	5	0.04	74	5	0.07	39	0	0.00						
		Marine Acute	43.	102 &	24	0.24	74	17	0.23	28	7	0.25						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	41	0	0.00	23	0	0.00	18	0	0.00						
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	19	0	0.00	9	0	0.00	10	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	77	3	0.04	46	3	0.07	31	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	55	3	0.05	29	3	0.10	26	0	0.00						
		Drinking Water	1300.	55	0	0.00	29	0	0.00	26	0	0.00						
		Marine Acute	2.9	35	10	0.29	26	10	0.38	9	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	29	2	0.07	14	2	0.14	15	0	0.00						
		Drinking Water	1300.	29	0	0.00	14	0	0.00	15	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	164 &	23	0.14	112	23	0.21	52	0	0.00						
		Drinking Water	1300.	169	0	0.00	117	0	0.00	52	0	0.00						
		Marine Acute	2.9	132 &	60	0.45	90	45	0.50	42	15	0.36						

& - 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 TIMU/FOCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
01049	LEAD, DISSOLVED	Fresh Acute	82.	50	2	0.04	26	2	0.08	24	0	0.00						
		Drinking Water	15.	50	4	0.08	26	4	0.15	24	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	34	0	0.00	16	0	0.00	18	0	0.00						
		Drinking Water	15.	34	0	0.00	16	0	0.00	18	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	148	1	0.01	101	1	0.01	47	0	0.00						
		Drinking Water	15.	129 &	4	0.03	82	3	0.04	47	1	0.02						
		Marine Acute	220.	152	23	0.15	109	12	0.11	43	11	0.26						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	42	0	0.00	22	0	0.00	20	0	0.00						
		Drinking Water	100.	42	1	0.02	22	0	0.00	20	1	0.05						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	26	0	0.00	11	0	0.00	15	0	0.00						
		Drinking Water	100.	26	0	0.00	11	0	0.00	15	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	93	0	0.00	58	0	0.00	35	0	0.00						
		Drinking Water	100.	93	2	0.02	58	2	0.03	35	0	0.00						
		Marine Acute	75.	35	0	0.00	26	0	0.00	9	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
		Marine Acute	75.	265	28	0.11	187	17	0.09	78	11	0.14						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	27	1	0.04	14	1	0.07	13	0	0.00						
		Drinking Water	100.	27	0	0.00	14	0	0.00	13	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	41 &	0	0.00	20	0	0.00	21	0	0.00						
		Drinking Water	100.	42	0	0.00	21	0	0.00	21	0	0.00						
		Marine Acute	0.12	4 &	2	0.50	2	1	0.50	2	1	0.50						
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	21	0	0.00	10	0	0.00	11	0	0.00						
		Drinking Water	100.	21	0	0.00	10	0	0.00	11	0	0.00						
		Marine Acute	0.12	25 &	25	1.00	13	13	1.00	12	12	1.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	54	3	0.06	28	1	0.04	26	2	0.08						
		Drinking Water	5000.	54	0	0.00	28	0	0.00	26	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	28	0	0.00	13	0	0.00	15	0	0.00						
		Drinking Water	5000.	28	0	0.00	13	0	0.00	15	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	171	7	0.04	115	5	0.04	56	2	0.04						
		Drinking Water	5000.	171	0	0.00	115	0	0.00	56	0	0.00						
		Marine Acute	95.	180 &	26	0.14	142	23	0.16	38	3	0.08						
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
		Marine Acute	95.	490 &	37	0.08	345	31	0.09	145	6	0.04						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	0 &	0	0.00												
		Drinking Water	6.	0 &	0	0.00												
		Marine Acute	1500.	6	0	0.00	6	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
		Marine Acute	43.	409	17	0.04	281	17	0.06	128	0	0.00						
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	14	0	0.00	6	0	0.00	8	0	0.00						
		Drinking Water	15.	14	4	0.29	6	0	0.00	8	4	0.50						
		Marine Acute	220.	511	15	0.03	369	15	0.04	142	0	0.00						
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00				1	0	0.00						
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
		Marine Acute	2.9	473 &	338	0.71	323	228	0.71	150	110	0.73						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	28	0	0.00	15	0	0.00	13	0	0.00						
		Drinking Water	50.	28	0	0.00	15	0	0.00	13	0	0.00						
		Marine Acute	300.	7	0	0.00	7	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	19	0	0.00				19	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	339	65	0.19	200	34	0.17	139	31	0.22						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1541	508	0.33	931	284	0.31	610	224	0.37						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	783	49	0.06	450	30	0.07	333	19	0.06						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	58	0	0.00	42	0	0.00	16	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	181	56	0.31	108	31	0.29	73	25	0.34						

& - 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 TIMU/FOCA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	4/15-11/14 Obs	4/15-11/14 Exceed	4/15-11/14 Prop.	11/15-4/14 Obs	11/15-4/14 Exceed	11/15-4/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2255 &	552	0.24	1346	279	0.21	909	273	0.30						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	308	65	0.21	192	33	0.17	116	32	0.28						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	12	0	0.00	12	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	12	0	0.00	12	0	0.00									
		Drinking Water	0.2	12	0	0.00	12	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	12	0	0.00	12	0	0.00									
		Drinking Water	2.	12	0	0.00	12	0	0.00									
		Marine Acute	0.09	7	0	0.00	5	0	0.00	2	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	12	0	0.00	12	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	12	0	0.00	12	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	12	0	0.00	12	0	0.00									
		Marine Acute	0.13	7	0	0.00	5	0	0.00	2	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	12	0	0.00	12	0	0.00									
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	12	0	0.00	12	0	0.00									
		Marine Acute	0.034	7	0	0.00	5	0	0.00	2	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	12	0	0.00	12	0	0.00									
		Drinking Water	2.	12	0	0.00	12	0	0.00									
		Marine Acute	0.037	7	0	0.00	5	0	0.00	2	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	12	0	0.00	12	0	0.00									
		Drinking Water	3.	12	0	0.00	12	0	0.00									
		Marine Acute	0.21	5	0	0.00	5	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	12	0	0.00	12	0	0.00									
		Drinking Water	0.4	12	0	0.00	12	0	0.00									
		Marine Acute	0.053	7	0	0.00	5	0	0.00	2	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	12	0	0.00	12	0	0.00									
		Drinking Water	0.2	12	0	0.00	12	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	12	0	0.00	12	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Marine Acute	0.16	7	0	0.00	5	0	0.00	2	0	0.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	18	0	0.00	11	0	0.00	7	0	0.00						
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	5	0	0.00	2	0	0.00	3	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	25	0	0.00	10	0	0.00	15	0	0.00						
		Drinking Water	2.	25	0	0.00	10	0	0.00	15	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	19	0	0.00	8	0	0.00	11	0	0.00						
		Drinking Water	2.	19	0	0.00	8	0	0.00	11	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	57	0	0.00	27	0	0.00	30	0	0.00						
		Drinking Water	2.	57	0	0.00	27	0	0.00	30	0	0.00						
		Marine Acute	2.1	88 &	14	0.16	76	14	0.18	12	0	0.00						
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
		Marine Acute	2.1	234	1	0.00	136	1	0.01	98	0	0.00						
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	49765	1994	0.04	23396	1074	0.05	26369	920	0.03						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1874	3	0.00	1179	3	0.00	695	0	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 TIMU 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 TIMU Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	702	285	134	283	78
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	1	1	0	0	1
00435	ACIDITY, TOTAL (MG/L AS CACO3)	161	0	84	77	14
00440	BICARBONATE ION (MG/L AS HCO3)	27	0	5	22	12
00445	CARBONATE ION (MG/L AS CO3)	16	0	4	12	2
		907	286	227	394	107 (81)[1]

pH		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	3657	2887	384	386	219
00403	PH, LAB (STANDARD UNITS)	771	347	372	52	69
00406	PH, FIELD (STANDARD UNITS)	50504	50496	8	0	44
		54932	53730	764	438	332(268)[1]

Conductivity		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	53098	52837	256	5	178
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1313	581	435	297	140
00480	SALINITY - PARTS PER THOUSAND	52978	52605	233	140	201
		107389	106023	924	442	519(323)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	47325	47177	148	0	161
00300	OXYGEN, DISSOLVED (MG/L)	1398	418	544	436	117
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	44715	44511	7	197	63
		93438	92106	699	633	341(236)[1]

Water Temperature		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	55339	53570	699	1070	271
		55339	53570	699	1070	271(271)[1]

Flow		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	11	0	0	11	1
00061	FLOW, STREAM, INSTANTANEOUS CFS	29	0	9	20	4
00065	STAGE, STREAM (FEET)	29	0	6	23	3
00067	TIDE STAGE CODE	83	0	83	0	18
		152	0	98	54	26 (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.

Clarity/Turbidity		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	259	0	38	221	37
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	763	426	332	5	68
00077	TRANSPARENCY, SECCHI DISC (INCHES)	95	73	22	0	10
00078	TRANSPARENCY, SECCHI DISC (METERS)	1521	1227	283	11	129
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	2532	2042	359	131	161
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	49765	49765	0	0	2
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1874	1809	63	2	106
		56809	55342	1097	370	513(221)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	846	836	10	0	45
00602	NITROGEN, DISSOLVED (MG/L AS N)	41	35	6	0	5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	145	0	68	77	36
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	5	0	5	0	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	340	305	35	0	17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2944	2419	397	128	207
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	5	0	5	0	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	434	0	292	142	87
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	387	352	35	0	21
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	2526	2104	390	32	170
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2488	2238	244	6	163
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	179	151	28	0	14
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	5	0	5	0	1
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	3	0	0	3	3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	18	0	5	13	2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	5	0	5	0	1
		10371	8440	1530	401	774(244)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	75	0	50	25	9
00655	PHOSPHATE, POLY (MG/L AS PO4)	2	0	0	2	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	111	0	82	29	18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2792	2241	434	117	186
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	355	340	14	1	18
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	11	0	0	11	11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	113	8	42	63	40
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	1495	1266	164	65	86
		4954	3855	786	313	369(211)[1]

Chlorophyll		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	1048	1003	45	0	40
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	692	618	74	0	67
32230	CHLOROPHYLL A (MG/L)	6	0	6	0	3
		1746	1621	125	0	110 (72)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	706	572	65	69	100
00945	SULFATE, TOTAL (MG/L AS SO4)	353	195	116	42	57
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	287	197	75	15	40
		1346	964	256	126	197(131)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	339	252	64	23	36
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	1542	824	347	371	148
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	783	769	14	0	20
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	58	58	0	0	24
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	181	63	50	68	22
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	2256	1660	344	252	135
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	308	249	50	9	33
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	5	5	0	0	2
		5472	3880	869	723	420(170)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	7	0	7	0	4
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	19	19	0	0	17
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS (UG/L)	237	237	0	0	39
01000	ARSENIC, DISSOLVED (UG/L AS AS)	40	11	29	0	6
01001	ARSENIC, SUSPENDED (UG/L AS AS)	26	0	26	0	5
01002	ARSENIC, TOTAL (UG/L AS AS)	91	43	42	6	24
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	1	1	0	0	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	14	13	1	0	3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	46	12	34	0	7
01026	CADMIUM, SUSPENDED (UG/L AS CD)	53	0	35	18	7
01027	CADMIUM, TOTAL (UG/L AS CD)	223	83	130	10	51
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	410	380	30	0	49
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	41	17	24	0	5
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	19	0	19	0	4
01034	CHROMIUM, TOTAL (UG/L AS CR)	189	61	73	55	63
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	426	409	17	0	49
01040	COPPER, DISSOLVED (UG/L AS CU)	90	17	54	19	10
01041	COPPER, SUSPENDED (UG/L AS CU)	29	0	29	0	5
01042	COPPER, TOTAL (UG/L AS CU)	341	149	123	69	81
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	529	496	33	0	49
01049	LEAD, DISSOLVED (UG/L AS PB)	50	14	36	0	7
01050	LEAD, SUSPENDED (UG/L AS PB)	34	0	34	0	6
01051	LEAD, TOTAL (UG/L AS PB)	311	120	144	47	70
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	525	493	32	0	55
71890	MERCURY, DISSOLVED (UG/L AS HG)	25	0	25	0	5
71895	MERCURY, SUSPENDED (UG/L AS HG)	19	0	19	0	5
71900	MERCURY, TOTAL (UG/L AS HG)	151	34	72	45	56
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	235	235	0	0	40
01065	NICKEL, DISSOLVED (UG/L AS NI)	42	13	29	0	6
01066	NICKEL, SUSPENDED (UG/L AS NI)	26	0	26	0	5
01067	NICKEL, TOTAL (UG/L AS NI)	128	75	45	8	41
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	266	266	0	0	39
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	239	239	0	0	39
01145	SELENIUM, DISSOLVED (UG/L AS SE)	5	3	2	0	2
01147	SELENIUM, TOTAL (UG/L AS SE)	35	22	13	0	12
01075	SILVER, DISSOLVED (UG/L AS AG)	27	3	24	0	5
01077	SILVER, TOTAL (UG/L AS AG)	62	31	31	0	13
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	154	154	0	0	42
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	19	19	0	0	17
01059	THALLIUM, TOTAL (UG/L AS TL)	1	0	1	0	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	54	18	36	0	7
01091	ZINC, SUSPENDED (UG/L ZN)	28	0	28	0	5
01092	ZINC, TOTAL (UG/L AS ZN)	359	149	142	68	81
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	493	461	32	0	50
00720	CYANIDE, TOTAL (MG/L AS CN)	6	0	6	0	3
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	12	0	12	0	4
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	7	0	7	0	3
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	19	0	19	0	7
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	19	0	19	0	7

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/30/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	4
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	17	0	17	0	7
		6297	4297	1655	345	1153(145)[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	907	286	31.5	81	21.3	11.2	03/19/62-12/30/98	24.7
pH	54932	53730	97.8	268	70.5	205.0	10/17/61-12/30/98	1476.5
Conductivity	107389	106023	98.7	323	85.0	332.5	05/01/65-12/30/98	3189.7
Dissolved Oxygen	93438	92106	98.6	236	62.1	395.9	10/17/61-12/30/98	2511.5
Water Temperature	55339	53570	96.8	271	71.3	204.2	10/17/61-12/30/98	1487.4
Flow	152	0	0.0	22	5.8	6.9	02/16/65-03/06/84	8.0
Clarity/Turbidity	56809	55342	97.4	221	58.2	257.1	03/19/62-12/30/98	1544.3
Nitrate/Nitrogen	10371	8440	81.4	244	64.2	42.5	03/19/62-12/30/98	281.9
Phosphate/Phosphorus	4954	3855	77.8	211	55.5	23.5	11/26/65-12/30/98	149.7
Chlorophyll	1746	1621	92.8	72	18.9	24.3	05/25/76-12/30/98	77.3
Sulfates/Total Dissolved Solids/Hardness	1346	964	71.6	131	34.5	10.3	10/17/61-12/30/98	36.2
Bacteria	5472	3880	70.9	170	44.7	32.2	11/08/65-12/30/98	165.1
Toxic Elements	6297	4297	68.2	145	38.2	43.4	07/13/64-09/02/98	184.4

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0010	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	930511	0000	0.0000000	21FLDDPU	JAXDPU1	X
TIMU0010	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	940308	0000	0.0000000	21FLDDPU	JAXDPU1	X
TIMU0010	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	950411	0000	0.0000000	21FLDDPU	JAXDPU1	X
TIMU0010	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	0850	110.0000000	21FLDDPU	JAXDPU1	
TIMU0010	00951	FLUORIDE, TOTAL (MG/L AS F)	920318	1243	130.0000000	21FLDDPU	JAXDPU1	
TIMU0014	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	930511	0000	0.0000000	21FLDDPU	JAXDPU2	X
TIMU0014	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	940308	0000	0.0000000	21FLDDPU	JAXDPU2	X
TIMU0014	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	950411	0000	0.0000000	21FLDDPU	JAXDPU2	X
TIMU0014	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	0913	110.0000000	21FLDDPU	JAXDPU2	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870204	1150	6100.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870602	1335	6600.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870915	1200	6100.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880524	1220	8000.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890124	1200	6200.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	0945	6300.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	0945	7500.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900326	0845	6500.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900618	1420	7300.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	1230	6500.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0034	00940	CHLORIDE,TOTAL IN WATER MG/L	890516	0945	22500.0000000	11NPSWRD	TIMU_BESD_FG01	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1520	5795.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1530	6500.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970520	1235	5844.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1545	5402.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1045	7230.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	971112	1545	5430.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0035	00900	HARDNESS, TOTAL (MG/L AS CACO3)	980422	1725	5451.0000000	11NPSWRD	TIMU_RESD_TIM11	
TIMU0055	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	770517	1335	40.0000000	21FLA	20030497	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870204	1250	5060.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870331	1252	5200.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870602	1408	7200.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870915	1507	5900.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890125	1230	9000.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	1215	5500.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	1135	6000.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900326	0941	7300.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0056	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	0910	6300.0000000	11NPSWRD	TIMU_BESD_FG6E	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870602		15000.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870915	1459	5100.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890125	1230	9600.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	1240	5200.0000000	11NPSWRD	TIMU_BESD_FG6C	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	1158	6200.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900326	1002	5700.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900618	0920	6600.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0059	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	0925	6300.0000000	11NPSWRD	TIMU_BESD_FG6C	
TIMU0068	00500	RESIDUE, TOTAL (MG/L)	730108	1200	25240.0000000	21FLA	27010005	
TIMU0068	00500	RESIDUE, TOTAL (MG/L)	730221	1200	23730.0000000	21FLA	27010005	
TIMU0068	00500	RESIDUE, TOTAL (MG/L)	730417	1100	19850.0000000	21FLA	27010005	
TIMU0068	00500	RESIDUE, TOTAL (MG/L)	730515	1246	33410.0000000	21FLA	27010005	
TIMU0068	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730515	1246	11530.0000000	21FLA	27010005	
TIMU0068	00510	RESIDUE, TOTAL FIXED (MG/L)	721211	1445	11720.0000000	21FLA	27010005	
TIMU0068	00510	RESIDUE, TOTAL FIXED (MG/L)	730108	1200	21590.0000000	21FLA	27010005	
TIMU0068	00510	RESIDUE, TOTAL FIXED (MG/L)	730221	1200	20390.0000000	21FLA	27010005	
TIMU0068	00510	RESIDUE, TOTAL FIXED (MG/L)	730417	1100	15800.0000000	21FLA	27010005	
TIMU0068	00510	RESIDUE, TOTAL FIXED (MG/L)	730515	1246	21870.0000000	21FLA	27010005	
TIMU0068	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730108	1200	25180.0000000	21FLA	27010005	
TIMU0068	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730221	1200	23680.0000000	21FLA	27010005	
TIMU0068	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730515	1246	33360.0000000	21FLA	27010005	
TIMU0077	00500	RESIDUE, TOTAL (MG/L)	730108	1050	30090.0000000	21FLA	27010114	
TIMU0077	00500	RESIDUE, TOTAL (MG/L)	730221	1130	25200.0000000	21FLA	27010114	
TIMU0077	00500	RESIDUE, TOTAL (MG/L)	730417	1030	21720.0000000	21FLA	27010114	
TIMU0077	00500	RESIDUE, TOTAL (MG/L)	730515	1238	26930.0000000	21FLA	27010114	
TIMU0077	00510	RESIDUE, TOTAL FIXED (MG/L)	721211	1140	11220.0000000	21FLA	27010114	
TIMU0077	00510	RESIDUE, TOTAL FIXED (MG/L)	730108	1050	25840.0000000	21FLA	27010114	
TIMU0077	00510	RESIDUE, TOTAL FIXED (MG/L)	730221	1130	21730.0000000	21FLA	27010114	
TIMU0077	00510	RESIDUE, TOTAL FIXED (MG/L)	730417	1030	18130.0000000	21FLA	27010114	
TIMU0077	00510	RESIDUE, TOTAL FIXED (MG/L)	730515	1238	22690.0000000	21FLA	27010114	
TIMU0077	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730108	1050	30040.0000000	21FLA	27010114	
TIMU0077	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730221	1130	25150.0000000	21FLA	27010114	
TIMU0077	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730417	1030	21660.0000000	21FLA	27010114	
TIMU0077	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730515	1238	26880.0000000	21FLA	27010114	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870602	1115	5200.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870915	1146	5100.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880524	1115	5200.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890124	1330	5800.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	1230	5100.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	1400	6800.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890815	1030	6400.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900619	1110	6100.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	1535	6000.0000000	21FLJXWQ	RR0010	
TIMU0078	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901107	1440	6000.0000000	21FLJXWQ	RR0010	
TIMU0083	00500	RESIDUE, TOTAL (MG/L)	730108	1120	28400.0000000	21FLA	27010115	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

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TIMU0083	00500	RESIDUE, TOTAL (MG/L)	730221	1150	24560.0000000	21FLA	27010115	
TIMU0083	00500	RESIDUE, TOTAL (MG/L)	730417	1045	23060.0000000	21FLA	27010115	
TIMU0083	00500	RESIDUE, TOTAL (MG/L)	730515	1244	26960.0000000	21FLA	27010115	
TIMU0083	00510	RESIDUE, TOTAL FIXED (MG/L)	721211	1150	11350.0000000	21FLA	27010115	
TIMU0083	00510	RESIDUE, TOTAL FIXED (MG/L)	730108	1120	24980.0000000	21FLA	27010115	
TIMU0083	00510	RESIDUE, TOTAL FIXED (MG/L)	730221	1150	20990.0000000	21FLA	27010115	
TIMU0083	00510	RESIDUE, TOTAL FIXED (MG/L)	730417	1045	18950.0000000	21FLA	27010115	
TIMU0083	00510	RESIDUE, TOTAL FIXED (MG/L)	730515	1244	22220.0000000	21FLA	27010115	
TIMU0083	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730108	1120	28330.0000000	21FLA	27010115	
TIMU0083	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730221	1150	24510.0000000	21FLA	27010115	
TIMU0083	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730417	1045	23000.0000000	21FLA	27010115	
TIMU0083	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730515	1244	26910.0000000	21FLA	27010115	
TIMU0088	00500	RESIDUE, TOTAL (MG/L)	721211	1125	17110.0000000	21FLA	27010107	
TIMU0088	00500	RESIDUE, TOTAL (MG/L)	730108	1030	31030.0000000	21FLA	27010107	
TIMU0088	00500	RESIDUE, TOTAL (MG/L)	730221	1120	26456.0000000	21FLA	27010107	
TIMU0088	00500	RESIDUE, TOTAL (MG/L)	730417	1020	23150.0000000	21FLA	27010107	
TIMU0088	00500	RESIDUE, TOTAL (MG/L)	730515	1235	34467.0000000	21FLA	27010107	
TIMU0088	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730515	1235	11060.0000000	21FLA	27010107	
TIMU0088	00510	RESIDUE, TOTAL FIXED (MG/L)	730108	1030	26570.0000000	21FLA	27010107	
TIMU0088	00510	RESIDUE, TOTAL FIXED (MG/L)	730221	1120	22788.0000000	21FLA	27010107	
TIMU0088	00510	RESIDUE, TOTAL FIXED (MG/L)	730417	1020	19108.0000000	21FLA	27010107	
TIMU0088	00510	RESIDUE, TOTAL FIXED (MG/L)	730515	1235	23407.0000000	21FLA	27010107	
TIMU0088	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730108	1030	30970.0000000	21FLA	27010107	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870602	1315	5900.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870915	1140	5700.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890124	1123	6200.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	0920	6300.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	0910	7100.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890815	1225	6500.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	891024	1500	5300.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900326	0915	5600.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900618	1345	7100.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0095	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	1145	6400.0000000	11NPSWRD	TIMU_BESD_FG6A	
TIMU0102	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1500	5555.0000000	11NPSWRD	TIMU_RESD_TIM10	
TIMU0102	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1515	6385.0000000	11NPSWRD	TIMU_RESD_TIM10	
TIMU0102	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970520	1250	5227.0000000	11NPSWRD	TIMU_RESD_TIM10	
TIMU0102	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1020	6716.0000000	11NPSWRD	TIMU_RESD_TIM10	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870204	1100	5160.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870602	1234	5600.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870915	1120	5600.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880524	1100	5400.0000000	21FLJXWQ	FG0007	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

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TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890124	1100	6800.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	1010	6000.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	1020	7400.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890815	1152	6400.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	891024	1545	6000.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900326	0945	6100.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900618	1445	7700.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	1300	6500.0000000	21FLJXWQ	FG0007	
TIMU0110	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901107	1344	6300.0000000	21FLJXWQ	FG0007	
TIMU0110	00940	CHLORIDE,TOTAL IN WATER MG/L	890307	1010	24000.0000000	21FLJXWQ	FG0007	
TIMU0119	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	651110	1107	66000.0000000	1113S050	649020	
TIMU0120	00500	RESIDUE, TOTAL (MG/L)	721211	1110	22430.0000000	21FLA	27010001	
TIMU0120	00500	RESIDUE, TOTAL (MG/L)	730108	1015	31160.0000000	21FLA	27010001	
TIMU0120	00500	RESIDUE, TOTAL (MG/L)	730221	1100	27590.0000000	21FLA	27010001	
TIMU0120	00500	RESIDUE, TOTAL (MG/L)	730417	1000	26890.0000000	21FLA	27010001	
TIMU0120	00500	RESIDUE, TOTAL (MG/L)	730515	1145	39710.0000000	21FLA	27010001	
TIMU0120	00505	RESIDUE, TOTAL VOLATILE (MG/L)	730515	1145	14670.0000000	21FLA	27010001	
TIMU0120	00510	RESIDUE, TOTAL FIXED (MG/L)	721211	1110	17860.0000000	21FLA	27010001	
TIMU0120	00510	RESIDUE, TOTAL FIXED (MG/L)	730108	1015	29360.0000000	21FLA	27010001	
TIMU0120	00510	RESIDUE, TOTAL FIXED (MG/L)	730221	1100	23950.0000000	21FLA	27010001	
TIMU0120	00510	RESIDUE, TOTAL FIXED (MG/L)	730417	1000	22450.0000000	21FLA	27010001	
TIMU0120	00510	RESIDUE, TOTAL FIXED (MG/L)	730515	1145	25040.0000000	21FLA	27010001	
TIMU0120	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730108	1015	31100.0000000	21FLA	27010001	
TIMU0120	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730221	1100	27520.0000000	21FLA	27010001	
TIMU0120	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730417	1000	26830.0000000	21FLA	27010001	
TIMU0120	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730515	1145	39670.0000000	21FLA	27010001	
TIMU0128	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1540	5104.0000000	11NPSWRD	TIMU_RESD_TIM12	
TIMU0128	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1545	6434.0000000	11NPSWRD	TIMU_RESD_TIM12	
TIMU0128	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1635	6115.0000000	11NPSWRD	TIMU_RESD_TIM12	
TIMU0135	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1440	5699.0000000	11NPSWRD	TIMU_RESD_TIM09	
TIMU0135	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1441	5613.0000000	11NPSWRD	TIMU_RESD_TIM09	
TIMU0135	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1500	6395.0000000	11NPSWRD	TIMU_RESD_TIM09	
TIMU0135	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1530	5122.0000000	11NPSWRD	TIMU_RESD_TIM09	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870114	1039	6400.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	0940	6940.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880510	1030	6200.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1000	11200.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214	0945	8800.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890726	1013	7700.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900123	1015	5900.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1046	6600.0000000	21FLJXWQ	NR0002	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

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TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023		6600.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	910305	1055	5500.0000000	21FLJXWQ	NR0002	
TIMU0136	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920727	1123	6400.0000000	21FLJXWQ	NR0002	
TIMU0136	00940	CHLORIDE,TOTAL IN WATER MG/L	870721	0940	23700.0000000	21FLJXWQ	NR0002	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1420	5619.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1435	6362.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970520	1305	6337.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1510	6314.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1600	6589.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1601	6602.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	971112	1505	5041.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0141	00900	HARDNESS, TOTAL (MG/L AS CACO3)	980602	1606	5122.0000000	11NPSWRD	TIMU_RESD_TIM08	
TIMU0142	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	930511	0000	0.0000000	21FLDDPU	JAXDPU3	X
TIMU0142	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	0945	130.0000000	21FLDDPU	JAXDPU3	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870114	1028	6080.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	0923	6900.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880510	1005	6000.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	0930	8800.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214	0930	9600.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890726	0918	7300.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900123	1000	5800.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1020	6600.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023	1030	6900.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	910305	1027	5100.0000000	21FLJXWQ	NR0001	
TIMU0161	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920727	1044	6600.0000000	21FLJXWQ	NR0001	
TIMU0161	00940	CHLORIDE,TOTAL IN WATER MG/L	890726	0918	26000.0000000	21FLJXWQ	NR0001	
TIMU0164	00929	SODIUM, TOTAL (MG/L AS NA)	930512	1125	6190.0000000	21FLSJWM	SJRM25	
TIMU0164	00929	SODIUM, TOTAL (MG/L AS NA)	930609	0925	6660.0000000	21FLSJWM	SJRM25	
TIMU0164	00929	SODIUM, TOTAL (MG/L AS NA)	930811	0911	8130.0000000	21FLSJWM	SJRM25	
TIMU0164	00937	POTASSIUM, TOTAL MG/L AS K)	930512	1125	208.0000000	21FLSJWM	SJRM25	
TIMU0164	00937	POTASSIUM, TOTAL MG/L AS K)	930609	0925	240.0000000	21FLSJWM	SJRM25	
TIMU0164	00937	POTASSIUM, TOTAL MG/L AS K)	930811	0911	297.0000000	21FLSJWM	SJRM25	
TIMU0164	00945	SULFATE, TOTAL (MG/L AS SO4)	930811	0911	88888.0000000	21FLSJWM	SJRM25	X
TIMU0164	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	930512	1125	-0.1600000	21FLSJWM	SJRM25	
TIMU0164	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930512	1125	20500.0000000	21FLSJWM	SJRM25	
TIMU0164	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930609	0925	26500.0000000	21FLSJWM	SJRM25	
TIMU0164	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930811	0911	26500.0000000	21FLSJWM	SJRM25	
TIMU0165	00340	COD, .25N K2CR2O7 MG/L	741120	1230	31000.0000000	21FLA	19020013	X
TIMU0165	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	761011	1330	1180.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	690523	1015	37120.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	720320	1200	29810.0000000	21FLA	19020013	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	720927	1330	36880.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	721115	1350	36330.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	730212	1230	30580.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	730312	1515	23150.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	730418	1500	19460.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	730523	1335	34870.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	740520	1350	43450.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	740717	1130	38560.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	740904	1125	39110.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	741029	1150	45520.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	750121	1130	40680.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	750618	1000	33890.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	760804	1045	38890.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	760920	1350	28730.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	761011	1330	36650.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	761101	1540	35250.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770124	1130	28251.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770214	1210	25320.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770319	1315	37310.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770404	1250	32960.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770502	1145	36280.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770620	1345	41951.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770713	1224	41960.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770829	1640	35970.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	770913	1300	33660.0000000	21FLA	19020013	
TIMU0165	00500	RESIDUE, TOTAL (MG/L)	771208	1215	35750.0000000	21FLA	19020013	
TIMU0165	00505	RESIDUE, TOTAL VOLATILE (MG/L)	690522	0700	44500.0000000	21FLA	19020013	
TIMU0165	00505	RESIDUE, TOTAL VOLATILE (MG/L)	741029	1150	16740.0000000	21FLA	19020013	
TIMU0165	00505	RESIDUE, TOTAL VOLATILE (MG/L)	750121	1130	11630.0000000	21FLA	19020013	
TIMU0165	00505	RESIDUE, TOTAL VOLATILE (MG/L)	770319	1315	12800.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	720320	1200	26020.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	720927	1330	31790.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	721115	1350	30580.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	730103	1400	30450.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	730212	1230	26550.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	730312	1515	19640.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	730418	1500	16220.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	730523	1335	28310.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	740717	1130	31830.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	740904	1125	33250.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	741029	1150	28770.0000000	21FLA	19020013	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	750121	1130	29040.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	760804	1045	31790.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	760920	1350	24000.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	761011	1330	30470.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	761101	1540	28700.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770124	1130	25019.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770214	1210	22160.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770319	1315	24500.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770404	1250	28170.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770502	1145	31970.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770620	1345	33786.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770713	1224	35690.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	770829	1640	31340.0000000	21FLA	19020013	
TIMU0165	00510	RESIDUE, TOTAL FIXED (MG/L)	771208	1215	30870.0000000	21FLA	19020013	
TIMU0165	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	720320	1200	29760.0000000	21FLA	19020013	
TIMU0165	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	720927	1330	36810.0000000	21FLA	19020013	
TIMU0165	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	721115	1350	36260.0000000	21FLA	19020013	
TIMU0165	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730212	1230	30510.0000000	21FLA	19020013	
TIMU0165	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730312	1515	23100.0000000	21FLA	19020013	
TIMU0165	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730523	1335	34820.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	720320	1200	5700.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	721115	1350	5500.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730212	1230	5040.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	730523	1335	7200.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	731008	1207	5800.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	731107	1225	56000.0000000	21FLA	19020013	
TIMU0165	00900	HARDNESS, TOTAL (MG/L AS CACO3)	740107	1240	5600.0000000	21FLA	19020013	
TIMU0165	00927	MAGNESIUM, TOTAL (MG/L AS MG)	760525	1215	1680.0000000	21FLA	19020013	
TIMU0165	00927	MAGNESIUM, TOTAL (MG/L AS MG)	760614	1100	1480.0000000	21FLA	19020013	
TIMU0165	00927	MAGNESIUM, TOTAL (MG/L AS MG)	760728	1100	1480.0000000	21FLA	19020013	
TIMU0165	00927	MAGNESIUM, TOTAL (MG/L AS MG)	760804	1045	1520.0000000	21FLA	19020013	
TIMU0165	00929	SODIUM, TOTAL (MG/L AS NA)	760728	1100	5600.0000000	21FLA	19020013	
TIMU0165	00929	SODIUM, TOTAL (MG/L AS NA)	760804	1045	15400.0000000	21FLA	19020013	
TIMU0165	00930	SODIUM, DISSOLVED (MG/L AS NA)	760126	0930	5300.0000000	21FLA	19020013	
TIMU0165	00935	POTASSIUM, DISSOLVED (MG/L AS K)	760126	0930	360.0000000	21FLA	19020013	
TIMU0165	00935	POTASSIUM, DISSOLVED (MG/L AS K)	760209	1230	330.0000000	21FLA	19020013	
TIMU0165	00937	POTASSIUM, TOTAL MG/L AS K)	760525	1215	540.0000000	21FLA	19020013	
TIMU0165	00937	POTASSIUM, TOTAL MG/L AS K)	760614	1100	450.0000000	21FLA	19020013	
TIMU0165	00937	POTASSIUM, TOTAL MG/L AS K)	760728	1100	500.0000000	21FLA	19020013	
TIMU0165	00937	POTASSIUM, TOTAL MG/L AS K)	760804	1045	510.0000000	21FLA	19020013	
TIMU0165	00940	CHLORIDE,TOTAL IN WATER MG/L	771031	1230	34530.0000000	21FLA	19020013	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	740107	1240	3000.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	740430	1105	3519.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	740520	1350	2850.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	760728	1100	2600.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	761101	1540	2700.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	770620	1345	4000.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	820729	1728	2508.0000000	21FLA	19020013	
TIMU0165	00945	SULFATE, TOTAL (MG/L AS SO4)	901001	1445	3300.0000000	21FLA	19020013	
TIMU0165	01040	COPPER, DISSOLVED (UG/L AS CU)	760209	1230	135000.0000000	21FLA	19020013	X
TIMU0165	01045	IRON, TOTAL (UG/L AS FE)	760126	0930	300000.0000000	21FLA	19020013	X
TIMU0165	01045	IRON, TOTAL (UG/L AS FE)	760209	1230	300000.0000000	21FLA	19020013	X
TIMU0165	01051	LEAD, TOTAL (UG/L AS PB)	760126	0930	10000.0000000	21FLA	19020013	X
TIMU0165	01092	ZINC, TOTAL (UG/L AS ZN)	760126	0930	80000.0000000	21FLA	19020013	X
TIMU0165	01092	ZINC, TOTAL (UG/L AS ZN)	760209	1230	180000.0000000	21FLA	19020013	X
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870114	1050	5080.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	0950	6420.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880510	1045	6200.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1010	8000.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214	0955	9000.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890726	1022	6900.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900123	1041	5600.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023		6500.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	910305	1115	5200.0000000	21FLJXWQ	NR0003	
TIMU0166	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920727	1235	6300.0000000	21FLJXWQ	NR0003	
TIMU0166	00940	CHLORIDE,TOTAL IN WATER MG/L	870721	0950	23500.0000000	21FLJXWQ	NR0003	
TIMU0177	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	930708	1050	88888.0000000	21FLSJWM	CPC105	X
TIMU0177	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	930908	1622	88888.0000000	21FLSJWM	CPC105	X
TIMU0177	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	930728	1045	88888.0000000	21FLSJWM	CPC105	X
TIMU0177	00929	SODIUM, TOTAL (MG/L AS NA)	930512	1100	6790.0000000	21FLSJWM	CPC105	
TIMU0177	00929	SODIUM, TOTAL (MG/L AS NA)	930708	1050	8230.0000000	21FLSJWM	CPC105	
TIMU0177	00929	SODIUM, TOTAL (MG/L AS NA)	930728	1045	8480.0000000	21FLSJWM	CPC105	
TIMU0177	00929	SODIUM, TOTAL (MG/L AS NA)	930908	1622	6950.0000000	21FLSJWM	CPC105	
TIMU0177	00937	POTASSIUM, TOTAL MG/L AS K)	930512	1100	254.0000000	21FLSJWM	CPC105	
TIMU0177	00937	POTASSIUM, TOTAL MG/L AS K)	930708	1050	292.0000000	21FLSJWM	CPC105	
TIMU0177	00937	POTASSIUM, TOTAL MG/L AS K)	930728	1045	299.0000000	21FLSJWM	CPC105	
TIMU0177	00937	POTASSIUM, TOTAL MG/L AS K)	930908	1622	260.0000000	21FLSJWM	CPC105	
TIMU0177	00945	SULFATE, TOTAL (MG/L AS SO4)	930708	1050	2540.0000000	21FLSJWM	CPC105	
TIMU0177	00945	SULFATE, TOTAL (MG/L AS SO4)	930728	1045	88888.0000000	21FLSJWM	CPC105	X
TIMU0177	01051	LEAD, TOTAL (UG/L AS PB)	930728	1045	-3.0000000	21FLSJWM	CPC105	
TIMU0177	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	930728	1045	-2.5000000	21FLSJWM	CPC105	
TIMU0177	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	930908	1622	-0.5000000	21FLSJWM	CPC105	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0177	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930512	1100	24000.0000000	21FLSJWM	CPC105	
TIMU0177	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930708	1050	26400.0000000	21FLSJWM	CPC105	
TIMU0177	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930728	1045	28500.0000000	21FLSJWM	CPC105	
TIMU0177	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930908	1622	24500.0000000	21FLSJWM	CPC105	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880510	1100	6000.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1015	6800.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214	1030	8000.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890726	1043	6500.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900123	1056	5600.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1126	6200.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023		6100.0000000	21FLJXWQ	NR0004	
TIMU0183	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920727	1253	6100.0000000	21FLJXWQ	NR0004	
TIMU0185	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	0945	5495.0000000	11NPSWRD	TIMU_RESD_TIM07	
TIMU0185	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1045	6173.0000000	11NPSWRD	TIMU_RESD_TIM07	
TIMU0185	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1443	6311.0000000	11NPSWRD	TIMU_RESD_TIM07	
TIMU0185	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1535	6738.0000000	11NPSWRD	TIMU_RESD_TIM07	
TIMU0185	00900	HARDNESS, TOTAL (MG/L AS CACO3)	980602	1540	5422.0000000	11NPSWRD	TIMU_RESD_TIM07	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	0933	6380.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880510	1120	5200.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	0947	6000.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214		7800.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890719	0940	7300.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1507	6100.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023	1152	5700.0000000	21FLJXWQ	NR0005	
TIMU0186	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920727	1320	5300.0000000	21FLJXWQ	NR0005	
TIMU0186	00940	CHLORIDE,TOTAL IN WATER MG/L	870721	0933	23500.0000000	21FLJXWQ	NR0005	
TIMU0188	00940	CHLORIDE,TOTAL IN WATER MG/L	861118	0821	25361.0000000	21FLDDPU	JAXDPU4	
TIMU0188	00940	CHLORIDE,TOTAL IN WATER MG/L	910326	0902	25992.0000000	21FLDDPU	JAXDPU4	
TIMU0188	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	1007	110.0000000	21FLDDPU	JAXDPU4	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	960801	1310	-0.0070000	21FLSJWM	JAXSJR04	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	960801	1315	-0.0120000	21FLSJWM	JAXSJR04	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	960801	1320	-0.0160000	21FLSJWM	JAXSJR04	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	960924	0925	-0.0040000	21FLSJWM	JAXSJR04	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	961023	0950	-0.0090000	21FLSJWM	JAXSJR04	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	961023	0955	-0.0090000	21FLSJWM	JAXSJR04	
TIMU0189	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	970826	1400	-0.0020000	21FLSJWM	JAXSJR04	
TIMU0189	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	960801	1310	-0.0190000	21FLSJWM	JAXSJR04	
TIMU0189	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	960801	1315	-0.0240000	21FLSJWM	JAXSJR04	
TIMU0189	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	960801	1320	-0.0160000	21FLSJWM	JAXSJR04	
TIMU0189	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	960801	1310	-0.6000000	21FLSJWM	JAXSJR04	
TIMU0189	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	960801	1315	-1.7000000	21FLSJWM	JAXSJR04	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0189	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	960801	1320	-0.4000000	21FLSJWM	JAXSJR04	
TIMU0189	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	960827	0940	-1.6000000	21FLSJWM	JAXSJR04	
TIMU0189	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	960827	0946	-1.7000000	21FLSJWM	JAXSJR04	
TIMU0189	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	960801	1310	-0.2000000	21FLSJWM	JAXSJR04	
TIMU0189	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	960801	1315	-1.1000000	21FLSJWM	JAXSJR04	
TIMU0189	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	960801	1320	-3.0000000	21FLSJWM	JAXSJR04	
TIMU0189	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	960827	0940	-2.5000000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	940927	1055	-0.1000000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950425	0945	-0.0200000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950530	1325	-0.1100000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950628	1315	-0.2300000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950628	1320	-0.2300000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950628	1325	-0.1200000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1405	-0.0500000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1410	-0.1400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1415	-0.0700000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1416	-0.0400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960131	1030	-0.1200000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960131	1035	-0.0400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960307	1145	-0.0500000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960307	1155	-0.0400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960701	1015	-0.0200000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960701	1020	-0.0400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960801	1310	-0.0100000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960801	1315	-0.1800000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960801	1320	-0.2200000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960827	0935	-0.1000000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960827	0940	-0.0400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960924	0925	-0.2300000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960924	0930	-0.2300000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960924	0935	-0.2100000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961023	0950	-0.1500000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961120	1350	-0.0400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961218	1415	-0.0700000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970129	0925	-0.1400000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970129	0930	-0.1900000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970129	0935	-0.0300000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970225	1325	-0.0200000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970429	1240	-0.2800000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970429	1245	-0.1900000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970603	0950	-0.1400000	21FLSJWM	JAXSJR04	

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970603	1000	-0.1500000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970624	1000	-0.1800000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970624	1005	-0.1300000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970731	0945	-0.2100000	21FLSJWM	JAXSJR04	
TIMU0189	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970731	0955	-0.0300000	21FLSJWM	JAXSJR04	
TIMU0189	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	970429	1240	-0.0200000	21FLSJWM	JAXSJR04	
TIMU0189	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940322	1255	13300.0000000	21FLSJWM	JAXSJR04	
TIMU0190	00665	PHOSPHORUS, TOTAL (MG/L AS P)	940111	1022	168.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00665	PHOSPHORUS, TOTAL (MG/L AS P)	940111	1027	139.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	950829	0940	5087.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960131	1030	5066.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960307	1145	5801.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960307	1155	5134.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960327	1235	5875.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960501	1020	6888.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960501	1030	6785.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960501	1040	5502.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960529	1010	5873.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960529	1015	5241.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960701	1015	6010.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960701	1020	6230.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960701	1025	5845.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960801	1310	7184.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960801	1315	7145.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960801	1320	7087.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960827	0935	6311.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960827	0940	6114.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960827	0945	6010.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960827	0946	6047.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960924	0925	6165.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960924	0930	6213.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960924	0935	5795.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961023	0950	5873.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961023	0955	6009.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961120	1345	5587.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961120	1350	5525.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961218	1415	5961.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961218	1420	5723.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	00900	HARDNESS, TOTAL (MG/L AS CACO3)	961218	1425	5863.0000000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950425	0945	-0.0100000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950530	1325	-0.1000000	21FLJXWQ	JAXSJR04	

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950725	1145	-0.0080000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950829	0940	-0.2500000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950829	0945	-0.1700000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950829	0950	-0.1500000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950928	1000	-0.1300000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950928	1005	-0.0300000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950928	1010	-0.1500000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	951128	1040	-0.1300000	21FLJXWQ	JAXSJR04	
TIMU0190	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	951128	1045	-0.0700000	21FLJXWQ	JAXSJR04	
TIMU0190	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	950928	1005	-0.0090000	21FLJXWQ	JAXSJR04	
TIMU0191	00500	RESIDUE, TOTAL (MG/L)	720505	1030	16130.0000000	21FLA	20030012	
TIMU0191	00510	RESIDUE, TOTAL FIXED (MG/L)	720505	1030	12350.0000000	21FLA	20030012	
TIMU0191	00937	POTASSIUM, TOTAL MG/L AS K)	781018	1100	268.0000000	21FLA	20030012	
TIMU0192	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1020	5085.0000000	11NPSWRD	TIMU_RESD_TIM06	
TIMU0192	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415		5891.0000000	11NPSWRD	TIMU_RESD_TIM06	
TIMU0192	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1410	6180.0000000	11NPSWRD	TIMU_RESD_TIM06	
TIMU0192	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1515	5559.0000000	11NPSWRD	TIMU_RESD_TIM06	
TIMU0195	00080	COLOR (PLATINUM-COBALT UNITS)	850910	1410	900.0000000	21FLSJWM	NIH	
TIMU0195	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	830608	1302	5.0000000	21FLSJWM	NIH	
TIMU0195	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830920	1038	6400.0000000	21FLSJWM	NIH	
TIMU0195	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840608	1250	7690.0000000	21FLSJWM	NIH	
TIMU0195	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840905	1430	8870.0000000	21FLSJWM	NIH	
TIMU0195	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850305	1255	6960.0000000	21FLSJWM	NIH	
TIMU0195	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850507	1350	16200.0000000	21FLSJWM	NIH	
TIMU0195	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850708	1325	11770.0000000	21FLSJWM	NIH	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890124	1450	5800.0000000	21FLJXWQ	RR0001	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890307	1310	6600.0000000	21FLJXWQ	RR0001	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	1050	7600.0000000	21FLJXWQ	RR0001	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890815	1100	6200.0000000	21FLJXWQ	RR0001	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900618	1135	6500.0000000	21FLJXWQ	RR0001	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900821	1315	5700.0000000	21FLJXWQ	RR0001	
TIMU0196	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901107	1410	6400.0000000	21FLJXWQ	RR0001	
TIMU0197	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890726		7300.0000000	11NPSWRD	TIMU_RESD_NR05	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	1018	7150.0000000	21FLJXWQ	NR0006	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1040	5400.0000000	21FLJXWQ	NR0006	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214		7400.0000000	21FLJXWQ	NR0006	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890719	1300	6800.0000000	21FLJXWQ	NR0006	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1442	6000.0000000	21FLJXWQ	NR0006	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023	1213	5500.0000000	21FLJXWQ	NR0006	
TIMU0198	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920727	1406	5200.0000000	21FLJXWQ	NR0006	
TIMU0198	00940	CHLORIDE,TOTAL IN WATER MG/L	870721	1018	22200.0000000	21FLJXWQ	NR0006	

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0203	00930	SODIUM, DISSOLVED (MG/L AS NA)	830620		5700.0000000	112WRD	302607081301701	
TIMU0203	00930	SODIUM, DISSOLVED (MG/L AS NA)	830803	1300	5400.0000000	112WRD	302607081301701	
TIMU0203	00930	SODIUM, DISSOLVED (MG/L AS NA)	831005	1100	7100.0000000	112WRD	302607081301701	
TIMU0203	00935	POTASSIUM, DISSOLVED (MG/L AS K)	830620		210.0000000	112WRD	302607081301701	
TIMU0203	00935	POTASSIUM, DISSOLVED (MG/L AS K)	830803	1300	180.0000000	112WRD	302607081301701	
TIMU0203	00935	POTASSIUM, DISSOLVED (MG/L AS K)	831005	1100	230.0000000	112WRD	302607081301701	
TIMU0203	00937	POTASSIUM, TOTAL MG/L AS K)	830620		210.0000000	112WRD	302607081301701	
TIMU0203	00937	POTASSIUM, TOTAL MG/L AS K)	830803	1300	190.0000000	112WRD	302607081301701	
TIMU0203	00937	POTASSIUM, TOTAL MG/L AS K)	831005	1100	220.0000000	112WRD	302607081301701	
TIMU0203	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830620		20400.0000000	112WRD	302607081301701	
TIMU0203	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831005	1100	24300.0000000	112WRD	302607081301701	
TIMU0203	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831216	1215	13200.0000000	112WRD	302607081301701	
TIMU0203	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840202	1315	10300.0000000	112WRD	302607081301701	
TIMU0203	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840308	1300	15000.0000000	112WRD	302607081301701	
TIMU0205	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970219	1615	5009.0000000	11NPSWRD	TIMU_RESD_TIM13	
TIMU0205	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	0915	5650.0000000	11NPSWRD	TIMU_RESD_TIM13	
TIMU0205	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	0945	5348.0000000	11NPSWRD	TIMU_RESD_TIM13	
TIMU0212	00937	POTASSIUM, TOTAL MG/L AS K)	730115		194.0000000	11NPSWRD	TIMU_JEA_BI_BI5	
TIMU0212	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	730115		4671.0000000	11NPSWRD	TIMU_JEA_BI_BI5	
TIMU0214	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	720607		12332.0000000	11NPSWRD	TIMU_JEA_SJ_BI3	
TIMU0218	00500	RESIDUE, TOTAL (MG/L)	720505	1030	15800.0000000	21FLA	20030360	
TIMU0218	00510	RESIDUE, TOTAL FIXED (MG/L)	720505	1030	12550.0000000	21FLA	20030360	
TIMU0229	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	720607		8073.0000000	11NPSWRD	TIMU_JEA_SJ_BI4	
TIMU0230	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	940616	0000	0.0000000	21FLDDPU	JAXDPU6	X
TIMU0230	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	1028	260.0000000	21FLDDPU	JAXDPU6	
TIMU0231	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	1059	110.0000000	21FLDDPU	JAXDPU5	
TIMU0232	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	0945	5541.0000000	11NPSWRD	TIMU_RESD_TIM14	
TIMU0232	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	0946	5455.0000000	11NPSWRD	TIMU_RESD_TIM14	
TIMU0232	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	0915	5354.0000000	11NPSWRD	TIMU_RESD_TIM14	
TIMU0240	00403	PH, LAB, STANDARD UNITS SU	830620		78.0000000	112WRD	302513081315101	X
TIMU0240	00930	SODIUM, DISSOLVED (MG/L AS NA)	830620		5200.0000000	112WRD	302513081315101	
TIMU0240	00930	SODIUM, DISSOLVED (MG/L AS NA)	831005	1015	6100.0000000	112WRD	302513081315101	
TIMU0240	00930	SODIUM, DISSOLVED (MG/L AS NA)	840308	1145	6000.0000000	112WRD	302513081315101	
TIMU0240	00935	POTASSIUM, DISSOLVED (MG/L AS K)	830620		190.0000000	112WRD	302513081315101	
TIMU0240	00935	POTASSIUM, DISSOLVED (MG/L AS K)	831005	1015	190.0000000	112WRD	302513081315101	
TIMU0240	00935	POTASSIUM, DISSOLVED (MG/L AS K)	840308	1145	200.0000000	112WRD	302513081315101	
TIMU0240	00937	POTASSIUM, TOTAL MG/L AS K)	830620		200.0000000	112WRD	302513081315101	
TIMU0240	00937	POTASSIUM, TOTAL MG/L AS K)	831005	1015	190.0000000	112WRD	302513081315101	
TIMU0240	00937	POTASSIUM, TOTAL MG/L AS K)	840308	1145	190.0000000	112WRD	302513081315101	
TIMU0240	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830620		17200.0000000	112WRD	302513081315101	
TIMU0240	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831005	1015	19900.0000000	112WRD	302513081315101	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0240	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831216	1415	11000.0000000	112WRD	302513081315101	
TIMU0240	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840202	1235	13600.0000000	112WRD	302513081315101	
TIMU0240	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840308	1145	18800.0000000	112WRD	302513081315101	
TIMU0243	00080	COLOR (PLATINUM-COBALT UNITS)	920519	1040	800.0000000	21FLSJWM	LSJ901	
TIMU0243	00080	COLOR (PLATINUM-COBALT UNITS)	920806	1100	800.0000000	21FLSJWM	LSJ901	
TIMU0243	00080	COLOR (PLATINUM-COBALT UNITS)	921110	1000	600.0000000	21FLSJWM	LSJ901	
TIMU0243	00080	COLOR (PLATINUM-COBALT UNITS)	921110	1001	600.0000000	21FLSJWM	LSJ901	
TIMU0256	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	1112	500.0000000	21FLDDPU	JAXDPU8	
TIMU0257	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	730115		11499.0000000	11NPSWRD	TIMU_JEA_BI_BI8	
TIMU0265	00400	PH (STANDARD UNITS)	860820	1400	0.6000000	21FLJXWQ	ARL11	X
TIMU0273	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890125	1012	7200.0000000	21FLJXWQ	RR0013	
TIMU0273	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890516	1150	5300.0000000	21FLJXWQ	RR0013	
TIMU0273	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890815	1120	5600.0000000	21FLJXWQ	RR0013	
TIMU0273	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900619	1035	5400.0000000	21FLJXWQ	RR0013	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	1056	6700.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	880510	1240	5200.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1144	5600.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214		7400.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890719	1300	6800.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1200	6100.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023	1316	6100.0000000	21FLJXWQ	NR0007	
TIMU0276	00900	HARDNESS, TOTAL (MG/L AS CACO3)	920803	1236	5100.0000000	21FLJXWQ	NR0007	
TIMU0278	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1145	5691.0000000	11NPSWRD	TIMU_RESD_TIM05	
TIMU0278	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1330	6030.0000000	11NPSWRD	TIMU_RESD_TIM05	
TIMU0278	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1445	5010.0000000	11NPSWRD	TIMU_RESD_TIM05	
TIMU0282	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	940616	0000	0.0000000	21FLDDPU	JAXDPU7	X
TIMU0306	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	1030	5900.0000000	21FLJXWQ	NR0009	
TIMU0306	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1040	5800.0000000	21FLJXWQ	NR0009	
TIMU0306	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214	1210	6400.0000000	21FLJXWQ	NR0009	
TIMU0306	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1320	6000.0000000	21FLJXWQ	NR0009	
TIMU0306	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023		5700.0000000	21FLJXWQ	NR0009	
TIMU0309	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	730115		10170.0000000	11NPSWRD	TIMU_JEA_BI_BI1	
TIMU0314	00930	SODIUM, DISSOLVED (MG/L AS NA)	831004	1410	5700.0000000	112WRD	302423081331001	
TIMU0314	00930	SODIUM, DISSOLVED (MG/L AS NA)	840308	1100	5100.0000000	112WRD	302423081331001	
TIMU0314	00935	POTASSIUM, DISSOLVED (MG/L AS K)	831004	1410	190.0000000	112WRD	302423081331001	
TIMU0314	00937	POTASSIUM, TOTAL MG/L AS K)	831004	1410	190.0000000	112WRD	302423081331001	
TIMU0314	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830620		14500.0000000	112WRD	302423081331001	
TIMU0314	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831004	1410	20100.0000000	112WRD	302423081331001	
TIMU0314	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831121	1200	10800.0000000	112WRD	302423081331001	
TIMU0314	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840202	1150	10800.0000000	112WRD	302423081331001	
TIMU0314	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840308	1100	16400.0000000	112WRD	302423081331001	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0323	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970415	1400	5348.0000000	11NPSWRD	TIMU_RESD_TIM04	
TIMU0323	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1231	5370.0000000	11NPSWRD	TIMU_RESD_TIM04	
TIMU0323	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970903	1425	5349.0000000	11NPSWRD	TIMU_RESD_TIM04	
TIMU0328	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	950720	0845	0.0000000	112WRD	302503081332001	X
TIMU0334	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	720607		9123.0000000	11NPSWRD	TIMU_JEA_SJ_BI5	
TIMU0350	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	1055	5450.0000000	21FLJXWQ	NR0010	
TIMU0354	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	1131	6100.0000000	21FLJXWQ	NR0008	
TIMU0354	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1229	5400.0000000	21FLJXWQ	NR0008	
TIMU0354	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890214		7400.0000000	21FLJXWQ	NR0008	
TIMU0354	00900	HARDNESS, TOTAL (MG/L AS CACO3)	890719	1215	5600.0000000	21FLJXWQ	NR0008	
TIMU0354	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1311	5800.0000000	21FLJXWQ	NR0008	
TIMU0354	00900	HARDNESS, TOTAL (MG/L AS CACO3)	901023	1350	5500.0000000	21FLJXWQ	NR0008	
TIMU0363	00500	RESIDUE, TOTAL (MG/L)	720926	1255	19170.0000000	21FLA	20030147	
TIMU0369	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830620		9200.0000000	112WRD	302610081350501	
TIMU0369	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831004	1415	15000.0000000	112WRD	302610081350501	
TIMU0369	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	831121	1045	5690.0000000	112WRD	302610081350501	
TIMU0370	00900	HARDNESS, TOTAL (MG/L AS CACO3)	970618	1205	5158.0000000	11NPSWRD	TIMU_RESD_TIM03	
TIMU0372	01027	CADMIUM, TOTAL (UG/L AS CD)	930921	0845	-0.1000000	21FLSJWM	DUNCM.S	
TIMU0372	01027	CADMIUM, TOTAL (UG/L AS CD)	940329	0610	-0.1000000	21FLSJWM	DUNCM.S	
TIMU0372	01027	CADMIUM, TOTAL (UG/L AS CD)	940504	1105	-0.4000000	21FLSJWM	DUNCM.S	
TIMU0372	01077	SILVER, TOTAL (UG/L AS AG)	940504	1105	-0.2000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930609	1030	18400.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930708	0830	16200.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930921	0845	21200.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	931007	0900	26200.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	931221	0845	15500.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940329	0610	17400.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940504	1105	20400.0000000	21FLSJWM	DUNCM.S	
TIMU0372	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940701	0925	6990.0000000	21FLSJWM	DUNCM.S	
TIMU0375	00900	HARDNESS, TOTAL (MG/L AS CACO3)	870721	1135	5420.0000000	21FLJXWQ	NR0011	
TIMU0375	00900	HARDNESS, TOTAL (MG/L AS CACO3)	900515	1345	5500.0000000	21FLJXWQ	NR0011	
TIMU0375	00900	HARDNESS, TOTAL (MG/L AS CACO3)	910305	1350	6100.0000000	21FLJXWQ	NR0011	
TIMU0376	00951	FLUORIDE, TOTAL (MG/L AS F)	910806	1217	800.0000000	21FLDDPU	JAXDPU13	
TIMU0377	00937	POTASSIUM, TOTAL MG/L AS K)	781018	1140	232.0000000	21FLA	20030007	
TIMU0378	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850507	1245	5040.0000000	21FLSJWM	NDD	
TIMU0378	00930	SODIUM, DISSOLVED (MG/L AS NA)	850305	1150	6110.0000000	21FLSJWM	NDD	
TIMU0378	00935	POTASSIUM, DISSOLVED (MG/L AS K)	850305	1150	233.0000000	21FLSJWM	NDD	
TIMU0378	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850305	1150	24600.0000000	21FLSJWM	NDD	
TIMU0378	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850507	1245	28300.0000000	21FLSJWM	NDD	
TIMU0378	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850708	1305	20300.0000000	21FLSJWM	NDD	
TIMU0387	00500	RESIDUE, TOTAL (MG/L)	720926	1030	16260.0000000	21FLA	20030142	

Water Quality Observations
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TIMU0388	01027	CADMIUM, TOTAL (UG/L AS CD)	930921	0900	-0.1000000	21FLSJWM	BRDRM.S	
TIMU0388	01027	CADMIUM, TOTAL (UG/L AS CD)	940329	0630	-1.0000000	21FLSJWM	BRDRM.S	
TIMU0388	01027	CADMIUM, TOTAL (UG/L AS CD)	940504	1130	-0.5000000	21FLSJWM	BRDRM.S	
TIMU0388	01027	CADMIUM, TOTAL (UG/L AS CD)	940701	0950	-2.0000000	21FLSJWM	BRDRM.S	
TIMU0388	01042	COPPER, TOTAL (UG/L AS CU)	940504	1130	-1.0000000	21FLSJWM	BRDRM.S	
TIMU0388	01051	LEAD, TOTAL (UG/L AS PB)	940504	1130	-2.0000000	21FLSJWM	BRDRM.S	
TIMU0388	01067	NICKEL, TOTAL (UG/L AS NI)	940504	1130	-1.0000000	21FLSJWM	BRDRM.S	
TIMU0388	01077	SILVER, TOTAL (UG/L AS AG)	931221	0905	-0.1000000	21FLSJWM	BRDRM.S	
TIMU0388	01077	SILVER, TOTAL (UG/L AS AG)	940504	1130	-0.3000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930609	1050	18700.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930708	0855	17400.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930824	0945	28200.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930921	0900	21200.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	931007	0900	23400.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	931221	0905	17700.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940329	0630	17400.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940504	1130	19400.0000000	21FLSJWM	BRDRM.S	
TIMU0388	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940701	0950	6290.0000000	21FLSJWM	BRDRM.S	
TIMU0400	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	960801	1400	-0.0030000	21FLSJWM	JAXSJR14	
TIMU0400	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	960801	1405	-0.0010000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	940628	1110	-0.0200000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950628	1405	-0.0700000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950725	1225	-0.2300000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1030	-0.0200000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960701	1120	-0.0500000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960701	1130	-0.0400000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960827	1045	-0.0500000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960827	1050	-0.1500000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960924	1020	-0.1300000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960924	1025	-0.1100000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960924	1026	-0.0800000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961023	1040	-0.0100000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961023	1045	-0.1900000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961218	1505	-0.0900000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961218	1510	-0.0200000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	961218	1515	-0.0500000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970129	1045	-0.2200000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970129	1050	-0.0300000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970225	1426	-0.0400000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970325	1341	-0.0600000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970429	1325	-0.2100000	21FLSJWM	JAXSJR14	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970429	1330	-0.1300000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970603	1040	-0.1000000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970603	1045	-0.2900000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970603	1050	-0.1800000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970603	1051	-0.2100000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970624	1055	-0.0700000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970624	1100	-0.0600000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970624	1105	-0.1700000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970731	1030	-0.2300000	21FLSJWM	JAXSJR14	
TIMU0400	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970731	1035	-0.0400000	21FLSJWM	JAXSJR14	
TIMU0400	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	970603	1051	-0.0400000	21FLSJWM	JAXSJR14	
TIMU0400	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940322	1340	8050.0000000	21FLSJWM	JAXSJR14	
TIMU0401	00930	SODIUM, DISSOLVED (MG/L AS NA)	620319	0920	5600.0000000	21FLA	19020002	
TIMU0402	00080	COLOR (PLATINUM-COBALT UNITS)	850910	1350	700.0000000	21FLSJWM	NRT	
TIMU0402	00080	COLOR (PLATINUM-COBALT UNITS)	910612	1135	800.0000000	21FLSJWM	NRT	
TIMU0402	00080	COLOR (PLATINUM-COBALT UNITS)	940728	1015	600.0000000	21FLSJWM	NRT	
TIMU0402	00080	COLOR (PLATINUM-COBALT UNITS)	941012	0930	600.0000000	21FLSJWM	NRT	
TIMU0402	00080	COLOR (PLATINUM-COBALT UNITS)	941107	1000	800.0000000	21FLSJWM	NRT	
TIMU0402	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	940531	1040	-0.0100000	21FLSJWM	NRT	
TIMU0402	00929	SODIUM, TOTAL (MG/L AS NA)	940531	1040	5630.0000000	21FLSJWM	NRT	
TIMU0402	00930	SODIUM, DISSOLVED (MG/L AS NA)	850507	1310	5780.0000000	21FLSJWM	NRT	
TIMU0402	00930	SODIUM, DISSOLVED (MG/L AS NA)	870709	1300	6053.0000000	21FLSJWM	NRT	
TIMU0402	00930	SODIUM, DISSOLVED (MG/L AS NA)	871105	1155	9620.0000000	21FLSJWM	NRT	
TIMU0402	00930	SODIUM, DISSOLVED (MG/L AS NA)	880705	0920	6508.0000000	21FLSJWM	NRT	
TIMU0402	00930	SODIUM, DISSOLVED (MG/L AS NA)	900912	1000	8180.0000000	21FLSJWM	NRT	
TIMU0402	00935	POTASSIUM, DISSOLVED (MG/L AS K)	831205	1255	275.0000000	21FLSJWM	NRT	
TIMU0402	00935	POTASSIUM, DISSOLVED (MG/L AS K)	850507	1310	199.0000000	21FLSJWM	NRT	
TIMU0402	00935	POTASSIUM, DISSOLVED (MG/L AS K)	870709	1300	217.0000000	21FLSJWM	NRT	
TIMU0402	00935	POTASSIUM, DISSOLVED (MG/L AS K)	871105	1155	304.0000000	21FLSJWM	NRT	
TIMU0402	00935	POTASSIUM, DISSOLVED (MG/L AS K)	880705	0920	295.0000000	21FLSJWM	NRT	
TIMU0402	00935	POTASSIUM, DISSOLVED (MG/L AS K)	900912	1000	285.0000000	21FLSJWM	NRT	
TIMU0402	00937	POTASSIUM, TOTAL MG/L AS K)	940531	1040	255.0000000	21FLSJWM	NRT	
TIMU0402	01002	ARSENIC, TOTAL (UG/L AS AS)	940531	1040	-1.0000000	21FLSJWM	NRT	
TIMU0402	01027	CADMIUM, TOTAL (UG/L AS CD)	940110	1210	88888.0000000	21FLSJWM	NRT	X
TIMU0402	01027	CADMIUM, TOTAL (UG/L AS CD)	940531	1040	-0.3000000	21FLSJWM	NRT	
TIMU0402	01027	CADMIUM, TOTAL (UG/L AS CD)	940728	1015	-0.2000000	21FLSJWM	NRT	
TIMU0402	01042	COPPER, TOTAL (UG/L AS CU)	940728	1015	-0.5000000	21FLSJWM	NRT	
TIMU0402	01051	LEAD, TOTAL (UG/L AS PB)	940531	1040	-2.0000000	21FLSJWM	NRT	
TIMU0402	01077	SILVER, TOTAL (UG/L AS AG)	940321	1155	-0.6000000	21FLSJWM	NRT	
TIMU0402	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	940531	1040	-0.2200000	21FLSJWM	NRT	
TIMU0402	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	941107	1000	-0.1600000	21FLSJWM	NRT	

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0402	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950320	1040	-0.1400000	21FLSJWM	NRT	
TIMU0402	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	900830	1030	2.2800000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	821201	1341	9820.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830608	1239	5518.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830920	1056	14600.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840905	1300	16300.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	841204	1300	7450.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850305	1210	16200.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850507	1310	23000.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	860505	1315	14310.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	860714	1320	16540.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	860911	1330	9540.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	861106	1300	23870.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	870504	1330	5060.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	870709	1300	18925.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	870903	1245	8980.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	871105	1155	24791.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	880113	1420	11160.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	880705	0920	21144.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	881031	0915	8191.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890103	1010	10597.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890228	1005	7751.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890517	1010	19740.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890712	0945	15000.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890911	1030	4360.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	891108	0930	4640.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	900307	1010	4690.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	900509	1000	14800.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	900912	1000	24600.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	901108	0920	21800.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	911023	1230	7580.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940110	1210	7630.0000000	21FLSJWM	NRT	
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940531	1040	88888.0000000	21FLSJWM	NRT	X
TIMU0402	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950320	1040	5270.0000000	21FLSJWM	NRT	
TIMU0405	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	970723	1215	-0.0030000	21FLSJWM	19020002	
TIMU0405	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	970723	1215	-0.0080000	21FLSJWM	19020002	
TIMU0405	00929	SODIUM, TOTAL (MG/L AS NA)	951108	1130	5010.0000000	21FLSJWM	19020002	
TIMU0405	00929	SODIUM, TOTAL (MG/L AS NA)	980721	1130	5470.0000000	21FLSJWM	19020002	
TIMU0405	00937	POTASSIUM, TOTAL MG/L AS K)	970520	1115	191.0000000	21FLSJWM	19020002	
TIMU0405	00937	POTASSIUM, TOTAL MG/L AS K)	980721	1130	215.0000000	21FLSJWM	19020002	
TIMU0405	01042	COPPER, TOTAL (UG/L AS CU)	961111	1230	-1.0000000	21FLSJWM	19020002	

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TIMU0405	01042	COPPER, TOTAL (UG/L AS CU)	970723	1215	-1.0000000	21FLSJWM	19020002	
TIMU0405	01051	LEAD, TOTAL (UG/L AS PB)	960904	1200	-5.0000000	21FLSJWM	19020002	
TIMU0405	01051	LEAD, TOTAL (UG/L AS PB)	970317	1110	-1.0000000	21FLSJWM	19020002	
TIMU0405	01051	LEAD, TOTAL (UG/L AS PB)	970520	1115	-4.0000000	21FLSJWM	19020002	
TIMU0405	01051	LEAD, TOTAL (UG/L AS PB)	970723	1215	-4.0000000	21FLSJWM	19020002	
TIMU0405	01092	ZINC, TOTAL (UG/L AS ZN)	960904	1200	-9.0000000	21FLSJWM	19020002	
TIMU0405	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970127	1115	-0.7000000	21FLSJWM	19020002	
TIMU0405	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970520	1115	-0.6000000	21FLSJWM	19020002	
TIMU0405	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970723	1215	-2.0000000	21FLSJWM	19020002	
TIMU0405	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	961111	1230	-3.1000000	21FLSJWM	19020002	
TIMU0405	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	970903	1100	-4.9000000	21FLSJWM	19020002	
TIMU0405	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	961111	1230	2.7000000	21FLSJWM	19020002	
TIMU0405	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	970903	1100	4.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950607	1210	11700.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	951108	1130	6734.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960123	0930	6500.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	961111	1230	8070.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970317	1110	9390.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970520	1115	12600.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970723	1215	7230.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	971117	1130	7920.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980601	1130	9690.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980721	1130	19600.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	981117	0945	12747.0000000	21FLSJWM	19020002	
TIMU0405	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	981230	1200	15947.0000000	21FLSJWM	19020002	
TIMU0407	00500	RESIDUE, TOTAL (MG/L)	720926	1050	18020.0000000	21FLA	20030143	
TIMU0410	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	940801	1110	96.4000000	21FLJXWQ	JAXSJR14	X
TIMU0410	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960801	1400	5477.0000000	21FLJXWQ	JAXSJR14	
TIMU0410	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960801	1405	5479.0000000	21FLJXWQ	JAXSJR14	
TIMU0410	00900	HARDNESS, TOTAL (MG/L AS CACO3)	960801	1410	5134.0000000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	940628	1110	-0.0100000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	940830	1345	-0.3000000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950725	1220	-0.1100000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950829	1020	-0.1300000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950928	1055	-0.1900000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	950928	1100	-0.1700000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1020	-0.1100000	21FLJXWQ	JAXSJR14	
TIMU0410	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	960102	1025	-0.1900000	21FLJXWQ	JAXSJR14	
TIMU0421	00900	HARDNESS, TOTAL (MG/L AS CACO3)	850507	1105	5960.0000000	21FLSJWM	NRN	
TIMU0421	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	840608	1005	1270.0000000	21FLSJWM	NRN	
TIMU0421	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	850305	1030	1090.0000000	21FLSJWM	NRN	

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TIMU0421	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	850507	1105	1010.0000000	21FLSJWM	NRN	
TIMU0421	00930	SODIUM, DISSOLVED (MG/L AS NA)	831205	1147	8300.0000000	21FLSJWM	NRN	
TIMU0421	00930	SODIUM, DISSOLVED (MG/L AS NA)	840608	1005	8726.0000000	21FLSJWM	NRN	
TIMU0421	00930	SODIUM, DISSOLVED (MG/L AS NA)	841204	1120	7330.0000000	21FLSJWM	NRN	
TIMU0421	00930	SODIUM, DISSOLVED (MG/L AS NA)	850305	1030	9560.0000000	21FLSJWM	NRN	
TIMU0421	00930	SODIUM, DISSOLVED (MG/L AS NA)	850507	1105	9580.0000000	21FLSJWM	NRN	
TIMU0421	00935	POTASSIUM, DISSOLVED (MG/L AS K)	831205	1147	350.0000000	21FLSJWM	NRN	
TIMU0421	00935	POTASSIUM, DISSOLVED (MG/L AS K)	840608	1005	394.0000000	21FLSJWM	NRN	
TIMU0421	00935	POTASSIUM, DISSOLVED (MG/L AS K)	840905	1130	349.0000000	21FLSJWM	NRN	
TIMU0421	00935	POTASSIUM, DISSOLVED (MG/L AS K)	841204	1120	320.0000000	21FLSJWM	NRN	
TIMU0421	00935	POTASSIUM, DISSOLVED (MG/L AS K)	850305	1030	353.0000000	21FLSJWM	NRN	
TIMU0421	00935	POTASSIUM, DISSOLVED (MG/L AS K)	850507	1105	330.0000000	21FLSJWM	NRN	
TIMU0421	00945	SULFATE, TOTAL (MG/L AS SO4)	830302	1015	14000.0000000	21FLSJWM	NRN	
TIMU0421	00945	SULFATE, TOTAL (MG/L AS SO4)	850305	1030	2920.0000000	21FLSJWM	NRN	
TIMU0421	00945	SULFATE, TOTAL (MG/L AS SO4)	850507	1105	2760.0000000	21FLSJWM	NRN	
TIMU0421	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840905	1130	39400.0000000	21FLSJWM	NRN	
TIMU0424	00080	COLOR (PLATINUM-COBALT UNITS)	921109	1140	600.0000000	21FLSJWM	NR010	
TIMU0426	00080	COLOR (PLATINUM-COBALT UNITS)	850910	1430	1000.0000000	21FLSJWM	THC	
TIMU0426	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	830920	1017	4200.0000000	21FLSJWM	THC	
TIMU0426	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840608	1315	5610.0000000	21FLSJWM	THC	
TIMU0426	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840905	1400	6810.0000000	21FLSJWM	THC	
TIMU0426	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850305	1310	4990.0000000	21FLSJWM	THC	
TIMU0426	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850507	1410	14200.0000000	21FLSJWM	THC	
TIMU0426	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	850708	1335	7200.0000000	21FLSJWM	THC	
TIMU0432	00900	HARDNESS, TOTAL (MG/L AS CACO3)	881011	1300	7200.0000000	21FLJXWQ	NR0013	
TIMU0434	00080	COLOR (PLATINUM-COBALT UNITS)	921109	1120	600.0000000	21FLSJWM	NR005	
TIMU0435	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	980902	1030	1000.0000000	21FLA	19020063	
TIMU0437	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	950607	1301	88888.0000000	21FLSJWM	NRI	X
TIMU0437	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	950607	1301	88888.0000000	21FLSJWM	NRI	X
TIMU0437	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	960904	1010	-0.1100000	21FLSJWM	NRI	
TIMU0437	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	950607	1301	88888.0000000	21FLSJWM	NRI	X
TIMU0437	00665	PHOSPHORUS, TOTAL (MG/L AS P)	950607	1301	88888.0000000	21FLSJWM	NRI	X
TIMU0437	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	950607	1301	88888.0000000	21FLSJWM	NRI	X
TIMU0437	01042	COPPER, TOTAL (UG/L AS CU)	961111	1030	-1.0000000	21FLSJWM	NRI	
TIMU0437	01042	COPPER, TOTAL (UG/L AS CU)	970317	0945	-1.0000000	21FLSJWM	NRI	
TIMU0437	01042	COPPER, TOTAL (UG/L AS CU)	970317	0946	-1.0000000	21FLSJWM	NRI	
TIMU0437	01051	LEAD, TOTAL (UG/L AS PB)	960904	1010	-4.0000000	21FLSJWM	NRI	
TIMU0437	01051	LEAD, TOTAL (UG/L AS PB)	970723	1015	-1.0000000	21FLSJWM	NRI	
TIMU0437	01092	ZINC, TOTAL (UG/L AS ZN)	970317	0946	-2.0000000	21FLSJWM	NRI	
TIMU0437	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970127	0951	-0.8000000	21FLSJWM	NRI	
TIMU0437	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970520	0930	-0.2000000	21FLSJWM	NRI	

Water Quality Observations
Outside STORET Edit Criteria for TIMU/FOCA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
TIMU0437	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970723	1015	-0.9000000	21FLSJWM	NRI	
TIMU0437	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970723	1016	-0.8000000	21FLSJWM	NRI	
TIMU0437	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	970903	0945	-0.1000000	21FLSJWM	NRI	
TIMU0437	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	960904	1010	-0.3000000	21FLSJWM	NRI	
TIMU0437	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	961111	1030	-2.5000000	21FLSJWM	NRI	
TIMU0437	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	961111	1031	-5.0000000	21FLSJWM	NRI	
TIMU0437	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	970127	0951	-1.8000000	21FLSJWM	NRI	
TIMU0437	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	970723	1016	-1.4000000	21FLSJWM	NRI	
TIMU0437	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	961111	1030	4.0000000	21FLSJWM	NRI	
TIMU0437	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	961111	1031	-3.0000000	21FLSJWM	NRI	
TIMU0437	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	970723	1016	3.0000000	21FLSJWM	NRI	
TIMU0437	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970903	0945	4680.0000000	21FLSJWM	NRI	
TIMU0438	00080	COLOR (PLATINUM-COBALT UNITS)	850909	1135	700.0000000	21FLSJWM	MBC	

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) TIMUTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) TIMUSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) TIMUAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) TIMUAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) TIMUOV0.DOC - Overview of park and retrieved data.

(e) TIMUOV1.DOC - Station period of record table.

(f) TIMUOV2.DOC - Parameter period of record table.

(g) TIMUOV3.DOC - Station/parameter period of record table.

(h) TIMUINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) TIMUSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) TIMUEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) TIMUIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) TIMUBAD.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 TIMUOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\TIMUOV1.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) TIMUFIGS.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 TIMU0001. 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 TIMU0001) 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) TIMUPARM.ZIP

This file compresses TIMUPARM.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) TIMUSITE.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) TIMUWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) TIMUIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) TIMUDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) TIMUGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) TIMUDAMS.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) TIMUMISC.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) TIMUEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) TIMUTOC.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) TIMUREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) TIMUWQ - 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 (TIMUWQA, TIMUWQB, TIMUWQC, etc.) and the index map name will end with an ampersand (&).

(g) TIMUIDG - 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 (TIMUIDGA, TIMUIDGB, TIMUIDGC, 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) TIMUSEHY - 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 TIMUFIGS.ZIP and TIMUTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in TIMUMISC.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) TIMURF3.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) TIMUWQMW.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: TIMUPARM.DBF in TIMUPARM.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: TIMUPARM.DBF in TIMUPARM.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: TIMUPARM.DBF in TIMUPARM.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: TIMUWQ.DBF in TIMUSITE.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: TIMUWQ.DBF in TIMUSITE.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: TIMUIFD.DBF in TIMUSITE.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: TIMUIFD.DBF in TIMUSITE.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: TIMUIFD.DBF in TIMUSITE.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: TIMUDRIN.DBF in TIMUSITE.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: TIMUDRIN.DBF in TIMUSITE.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: TIMUDRIN.DBF in TIMUSITE.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: TIMUGAGE.DBF in TIMUSITE.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: TIMUGAGE.DBF in TIMUSITE.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: TIMUDAMS.DBF in TIMUSITE.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: TIMUDAMS.DBF in TIMUSITE.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: TIMUDAMS.DBF in TIMUSITE.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: TIMUDAMS.DBF in TIMUSITE.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 TIMURF3.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 TIMURF3.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 TIMURF3.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 TIMURF3.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 TIMURF3.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 TIMURF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[P]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[P]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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