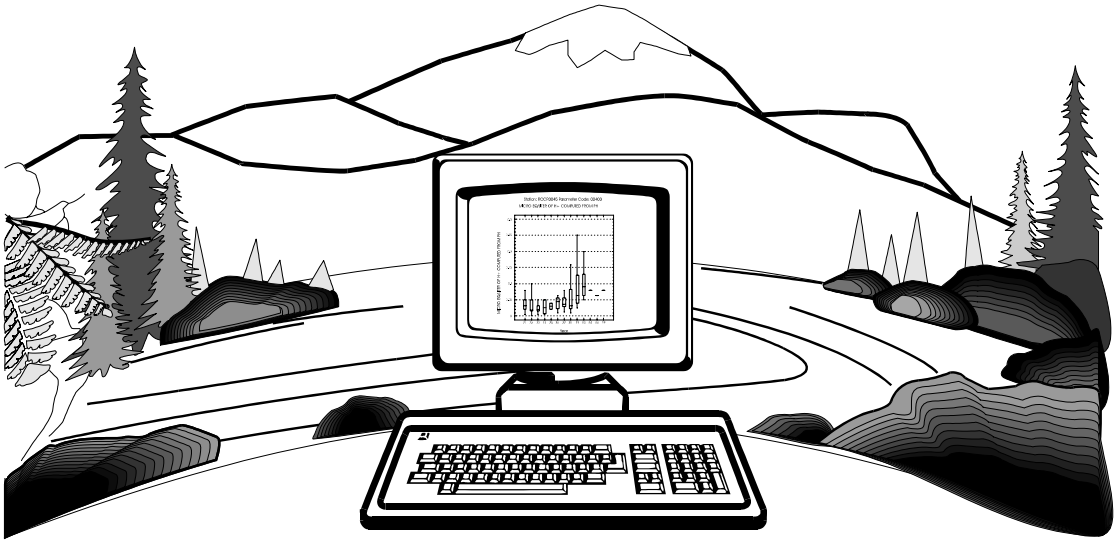
Baseline Water Quality Data

Inventory and Analysis

Canaveral National Seashore



Water Resources Division and Servicewide Inventory and Monitoring Program

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

The National Park Service Water Resources Division is responsible for providing water resources management policy and guidelines, planning, technical assistance, training, and operational support to units of the National Park System. Program areas include water rights, water resources planning, regulatory guidance and review, hydrology, water quality, watershed management, watershed studies, and aquatic ecology.

Technical Reports

The National Park Service disseminates the results of biological, physical, and social research through the Natural Resources Technical Report Series. Natural resources inventories and monitoring activities, scientific literature reviews, bibliographies, and proceedings of technical workshops and conferences are also disseminated through this series.

Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the National Park Service.

Copies of this report are available from the following:

Technical Information Center Denver Service Center P.O. Box 25287 Denver, CO 80225-0287	(303) 969-2130
U. S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161	(703) 487-4650

BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

CANAVERAL NATIONAL SEASHORE

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-96/85

APRIL 1996

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located no industrial/municipal dischargers; no drinking water intakes; 10 active or inactive U. S. Geological Survey water gages (including stream, estuary, and well); and no water impoundments. The results of the STORET retrieval for the study area yielded 31,194 observations for 184 separate parameters collected by six federal, state, and county agencies at 64 monitoring stations. Fourteen stations within the study area (four within the park boundary) were established but contained no data. Thirty-one stations were located within the park boundary (see Station Period of Record Tabulation).

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Twenty-three stations within the study area (eight within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) Mosquito Lagoon At ICWW CM 13A (CANA 0026); (2) Indian River Lagoon At ICWW CM 73 (CANA 0041); (3) Mosquito Lagoon East Of ICWW CM 13A (CANA 0025); (4) Mosquito Lagoon At ICWW CM 22 (CANA 0021); (5) Indian River Lagoon At ICWW CM 67 (CANA 0050); and (6) ML 02: Midway Between Shores 2 km S Of Haulover (CANA 0006)[†]. The stations yielding the longest-term records within the study area, but outside of the park boundary are: (1) Indian Riv N ICW Chan Mark 60 (CANA 0058); (2) Mosquito Lagoon At ICWW CM 7 (CANA 0034); (3) Mosquito Lagoon Just East Of Cedar Island (CANA 0056); (4) Indian River Lagoon By Shipyard Channel (CANA 0054); (5) Indian River Lagoon At ICWW CM 60 (CANA 0059); (6) Indian River Lagoon At ICWW CM 57 (CANA 0062); (7) Indian River Lagoon At ICWW CM 70 (CANA 0043); (8) Indian River Lagoon At ICWW CM 69 (CANA 0048); and (9) Indian River Lagoon W. Of Three Sisters Island (CANA 0061).

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 CANA water quality criteria screen found 11 groups of

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

parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, copper, nickel, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater or marine aquatic life. Chloride exceeded the EPA drinking water criterion. Bacteria concentrations (total coliform, fecal coliform, and enterococci) and turbidity exceeded the WRD screening limits for bathing water and aquatic life, respectively.

Dissolved oxygen concentrations were measured 1,238 times at 33 monitoring stations from 1970 through 1995. One observation was excluded from the criteria analysis due to the Composite Code Screen (see the Methodology for explanation). Forty-four observations in Mosquito Lagoon (CANA 0002, CANA 0018, CANA 0025, CANA 0030, CANA 0034, CANA 0039, CANA 0045, CANA 0052, CANA 0053, CANA 0056), Indian River Lagoon (CANA 0041, CANA 0043, CANA 0048, CANA 0050, CANA 0054, CANA 0061), Haulover Canal at SR3 Bridge (CANA 0011), and Midway Between Shores 2 Km S of Haulover (CANA 0006) were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life.

The pH was measured 1,292 times at 33 monitoring stations from 1971 through 1995. Of the 1,285 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), six observations in Mosquito Lagoon (CANA 0002, CANA 0030, CANA 0039), Indian River Lagoon (CANA 0041, CANA 0058), and Haulover Canal Preserve (CANA 0010) were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life). Four observations were greater than or equal to pH 9.0 and two observations were less than or equal to pH 6.5. The highest pH of 9 SU was reported at four stations (CANA 0002, CANA 0030, CANA 0039, CANA 0041) in 1992. The lowest pH of 6.3 SU was reported in the Indian River (CANA 0058) in September 1992.

Turbidity was measured 1,007 times at 33 monitoring stations from 1970 through 1995. Of the 1,001 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), one concentration of 99.9 formazin turbidity units (FTU) in Mosquito Lagoon at ICWW CM 22 (CANA 0021) exceeded the WRD screening criterion of 50 FTU in August 1992.

Total coliform concentrations were measured 835 times at 27 stations from 1970 through 1995. One observation was excluded from the criteria analysis due to the Composite Code Screen (see the Methodology for explanation). Concentrations of 1,140 Colony Forming Units per 100 milliliters (CFU/100ml) and 1,030 CFU/100 ml in Indian River Lagoon (CANA 0041 and CANA 0062, respectively) exceeded the WRD bathing water criterion of 1,000 CFU/100 ml. Fecal coliform concentrations were determined 810 times at 27 stations from 1973 through 1995. One observation was excluded from the criteria analysis due to the Composite Code Screen (see the Methodology for explanation). Seven observations, ranging from 230 CFU/100 ml to 2,930 CFU/100 ml in Mosquito Lagoon (CANA 0021, CANA 0025, CANA 0056) and Indian River Lagoon (CANA 0041, CANA 0043, CANA 0050, CANA 0059), exceeded the WRD bathing water criterion of 200 CFU/100 ml from 1990 through 1992. Enterococci concentrations were measured 732 times at 13 stations from 1990 through 1995. One-hundred-twenty-seven observations, ranging from 35 CFU/100 ml to 760 CFU/100ml in Mosquito Lagoon (CANA 0025, CANA 0026, CANA 0034, CANA 0056) and Indian River Lagoon (CANA 0041, CANA 0043, CANA 0048, CANA 0050, CANA 0054, CANA 0059, CANA 0061, CANA 0062), exceeded the WRD bathing water criterion of 33 CFU/100 ml. Eighty percent of the enterococci concentrations exceeding this criterion were collected in Indian River Lagoon.

Total chloride concentrations were measured 28 times at six stations from 1956 through 1992. Of the 22 observations used in the criteria analysis (no applicable criteria for marine stations), 15 concentrations, ranging from 2,800 to 23,100 mg/L at Merritt Isle Wildlife Refuge (CANA 0001) and Haulover Canal Preserve (CANA 0010), exceeded the acute freshwater criterion of 860 mg/L and the secondary drinking water criterion of 250 mg/L.

Total copper concentrations were measured 74 times at nine monitoring stations from 1978 through 1993. Of the six observations used in the criteria analysis (see Composite Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), four

concentrations, ranging from 18 micrograms per liter (µg/L) to 153 µg/L in Indian River (CANA 0016) and Mosquito Lagoon (CANA 0030, CANA 0039, CANA 0053), exceeded the acute marine criterion of 2.9 µg/L.

Total nickel concentrations were measured 72 times at seven monitoring stations from 1991 through 1993. Of the 66 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), eight concentrations, ranging from 75 µg/L to 580 µg/L in Mosquito Lagoon (CANA 0002, CANA 0030, CANA 0039, CANA 0045, CANA 0052, CANA 0053), exceeded the acute marine criterion of 75 µg/L.

Total silver concentrations were measured 72 times at seven monitoring stations from 1991 through 1993. Of the 53 observations used in the criteria analysis (see Composite Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), all 53 concentrations, ranging from 0.2 µg/L to 2.2 µg/L in Mosquito Lagoon (CANA 0002, CANA 0030, CANA 0039, CANA 0045, CANA 0052, CANA 0053), exceeded the acute marine criterion of 0.12 µg/L in 1991 and 1992.

Total zinc concentrations were measured 75 times at eight monitoring stations from 1978 through 1993. Of the 69 observations used in the criteria analysis (see Composite Code Screen in the Methodology for explanation), one concentration of 118 µg/L in Mosquito Lagoon (CANA 0053) exceeded the acute marine criterion of 95 µg/L in March 1993.

The IDEA conducted for CANA indicates that STORET data exist for 12 of the 13 Level I parameter groups in the study area. No STORET data exist for the parameter group Flow. For the 12 groups with data, approximately 70 to 100 percent of the observations were recorded since 1985. Relative to other parameter groups, data were limited for the groups Alkalinity, Sulfates/Total Dissolved Solids/Hardness, and Toxic Elements. Results for 34 of the 126 EPA priority toxic pollutants (consisting of inorganic parameters, pesticides, and PCBs) were retrieved from STORET. The organic and PCB data were from Stations 1 through 6 in Mosquito Lagoon (CANA 0002, CANA 0030, CANA 0039, CANA 0045, CANA 0052, CANA 0053).

Surface water resources in the CANA study area include the Indian River and Mosquito Lagoon. The data inventories and analyses contained in this report indicate that surface waters within the study area are, with the exception of certain metals, generally of good quality and typical of the area. The source of elevated silver concentrations in Mosquito Lagoon that frequently exceed the acute marine criterion should be considered as a potential topic for research by the park. Potential anthropogenic sources of contaminants include municipal and residential development, septic tank systems, and wastewater discharges.

TABLE OF CONTENTS

EXECUTIVE SUMMARY v

TABLE OF CONTENTS ix

I. INTRODUCTION 1
- Goal 1
- Purpose 1
- Objectives 1
- Document Overview 2
- Caveats 2
- Key Personnel 3

II. METHODOLOGY 5
- Delineation of Park Study Area 5
- Data Sources 5
- Data Retrieval and Analysis Procedures 7
- Park Unit Databases 8
- Screening Methodologies and Procedures 9
  - STORET Edit Criteria 9
  - Date Screen 10
  - Station Type Screen 10
  - Phase 0 Parameter Screen 11
  - Phase 1 Parameter Screen 11
  - Media Type Screen 11
  - Remark Code Screen 11
  - Composite Type Screen 13
  - Phase 2 Parameter Screen 14
  - Observations/Period of Record Screen 15
- Statistical Definitions 17

III. INTERPRETIVE GUIDE TO WATER QUALITY RESULTS 19
- Overview 19
- Regional Location Map 19
- Water Quality Monitoring Locations Map(s) 19
- Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) 20
- Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table 20
- Representative Mean Annual Hydrograph for Seasonal Analysis 20
- Contacts for Agency Codes Retrieved 21
- Quantity of Data Retrieved by Agency Code 21
- Station Period of Record Tabulation 21
- Parameter Period of Record Tabulation 22
- Station/Parameter Period of Record Tabulation 22
- Station-By-Station Results 22
  - Station Inventory for Station 23
  - Parameter Inventory for Station 23
  - EPA Water Quality Criteria Analysis for Station 23
  - Time Series Plots for Station 24
  - Annual Analysis for Station 25
  - Annual Box-and-Whiskers Plots for Station 25

Seasonal Analysis for Station 25
Seasonal Box-and-Whiskers Plots for Station 26
EPA Water Quality Criteria Analysis for Entire Park Study Area 26
NPS Servicewide Inventory and Monitoring Program
"Level I" Water Quality Inventory Data Evaluation and Analysis (IDEA) 26
Water Quality Observations Outside STORET Edit Criteria for Park 28

IV. WATER QUALITY RESULTS 29
Overview 31
Regional Location Map 32
Water Quality Monitoring Locations Map(s) 33
Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) 36
Industrial Facilities Discharges, Drinking Water Intakes, Water Gages,
and Water Impoundments Table 37
Representative Mean Annual Hydrograph for Seasonal Analysis 38
Contacts for Agency Codes Retrieved 39
Quantity of Data Retrieved by Agency Code 40
Station Period of Record Tabulation 41
Parameter Period of Record Tabulation 42
Station/Parameter Period of Record Tabulation 45
Station-By-Station Results 67
CANA0001 838042002 21S36E27 Merritt Isle Wildlife 69
CANA0002 Station 1 73
CANA0003 Station 1A 77
CANA0004 Station 1B 78
CANA0005 Station 1C 79
CANA0006 Ml_02: Midway Between Shores 2Km S of Haulover 80
CANA0007 I_04: 300 M S. CM 3,ICW E. Haulover at 3rd Isl 86
CANA0008 Indian River at Haulover Canal 92
CANA0009 Station 2A 93
CANA0010 Haulover Cl Aq Preserve A-6 Cls 94
CANA0011 Haulover Cl at SR3 Bridge 96
CANA0012 Station 2B 98
CANA0013 I_02: E. Haulover, N. ICW, 7th Sanc. Mkr, 10 S. 99
CANA0014 Station 2C 105
CANA0015 Mosquito Lagoon 100 M S of Green Marker 43 106
CANA0016 Indian R at ICWW CM 41 108
CANA0017 Mosquito Lagoon at ICW #3 110
CANA0018 Ml_01(I01): 100M E of CM 31 in Mosquito Lagoon 112
CANA0019 847048001 20S35E02 331 810 Oak Hill Tp 116
CANA0020 Mosquito Lagoon at CM# 22 117
CANA0021 Mosquito Lagoon at ICWW CM 22 118
CANA0022 Indian R at ICWW CM 21 129
CANA0023 Station 3A 131
CANA0024 Station 3B 132
CANA0025 Mosquito Lagoon East of ICWW CM 13A 133
CANA0026 Mosquito Lagoon at ICWW CM 13A 146
CANA0027 Mosquito Lagoon Near CM # 13A 164
CANA0028 Station 3C 165
CANA0029 Mosquito Lagoon at CM# 13A 166
CANA0030 Station 5 167
CANA0031 Station 5A 171
CANA0032 Station 5B 172
CANA0033 Mosquito Lagoon South of CM#7 173

CANA0034 Mosquito Lagoon at ICWW CM 7 174
CANA0035 Station 5C 191
CANA0036 Indian R at ICWW CM 4 192
CANA0037 ICW Marker 4,Indian R. N. of Oak Hill 04/X2 VC5 194
CANA0038 Indian River Near CM #73 195
CANA0039 Station 2 196
CANA0040 Station 4A 200
CANA0041 Indian River Lagoon at ICWW CM 73 201
CANA0042 Station 4B 213
CANA0043 Indian River Lagoon at ICWW CM 70 214
CANA0044 Indian River Near CM #70 220
CANA0045 Station 3 221
CANA0046 Station 4C 225
CANA0047 Indian River Near CM #69 226
CANA0048 Indian River Lagoon at ICWW CM 69 227
CANA0049 Indian River North at ICW #67 233
CANA0050 Indian River Lagoon at ICWW CM 67 235
CANA0051 Indian River Near CM #67 240
CANA0052 Station 6 241
CANA0053 Station 4 245
CANA0054 Indian River Lagoon by Shipyard Channel 249
CANA0055 Cedar Creek at Shipyard Canal 265
CANA0056 Mosquito Lagoon Just East of Cedar Island 266
CANA0057 Mosquito Lagoon East of Cedar Island 283
CANA0058 Indian Riv N ICW Chan Mark 60 284
CANA0059 Indian River Lagoon at ICWW CM 60 306
CANA0060 Indian River Lagoon at 3 Sisters Is. 317
CANA0061 Indian River Lagoon W. of Three Sisters Island 318
CANA0062 Indian River Lagoon at ICWW CM 57 323
CANA0063 Indian Riv N ICW Chan Mark 57 334
CANA0064 Indian River Near CM #57 336
EPA Water Quality Criteria Analysis for Entire Park Study Area 337
NPS Servicewide Inventory and Monitoring Program
"Level I" Water Quality Inventory Data Evaluation and Analysis (IDEA) 338
Water Quality Observations Outside STORET Edit Criteria for Park 343

V. APPENDICES 349
A. Computer Files Transmitted With Park Baseline Water Quality Data Inventory and Analysis A-1
B. Water Quality Database File Structures B-1
Parameter Data File B-1
Water Quality Station Data File B-4
Industrial Facilities Discharges File B-6
Drinking Water Intakes File B-9
Water Gage File B-12
Water Impoundment File B-14
RF3 Structure File B-18
RF3 Trace File B-22
Catalog Unit Boundary File B-23
Encyclopedia File B-24
C. STORET Water Quality Control/Edit Checking C-1
D. STORET Administrative Parameters D-1
E. STORET Parameters Not Suitable for Statistical Analysis E-1
F. National EPA Water Quality Criteria Summary F-1

G. Inventory Data Evaluation and Analysis (IDEA) Servicewide Inventory and Monitoring Program "Level I" Parameter Groups G-1
H. Literature Cited H-1
I. Selected General Water Quality References I-1

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.

Jill Minter 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.

Julie Mattick and Mike Matz helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Scott Hermsen, and Alicia Lizarraga provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Randy Siddens and Kelli O'Connor uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

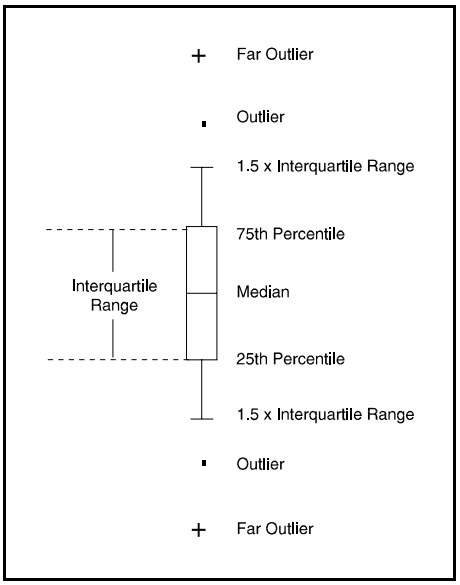
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from $\mu eq/l\ H^+$; and (3) $\mu eq/l\ H^+$. 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 $\mu eq/l\ H^+$ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as $\mu eq/l\ H^+$, 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 CANA

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:	115804	58056
# STORET Stations:	64	31
# Stations With No Data:	14	4
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	23	8
Date of STORET Retrieval:	12/18/95	12/18/95
Period of Record:	08/09/56-10/23/95	10/09/73-08/15/95
# Parameters Measured:	184	165
# Water Quality Observations:	31194	12485
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	0	0
# Water Gages:	10	8
# Water Impoundments:	0	0
# Total Plots:	104	34
# Time Series:	13	0
# Annual:	85	34
# Seasonal:	6	0

Hydrologic Definition of Seasons:

1. October 1 - December 31
2. January 1 - March 14
3. March 15 - May 31
4. June 1 - September 30

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 6 years and at least 16 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 5 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.

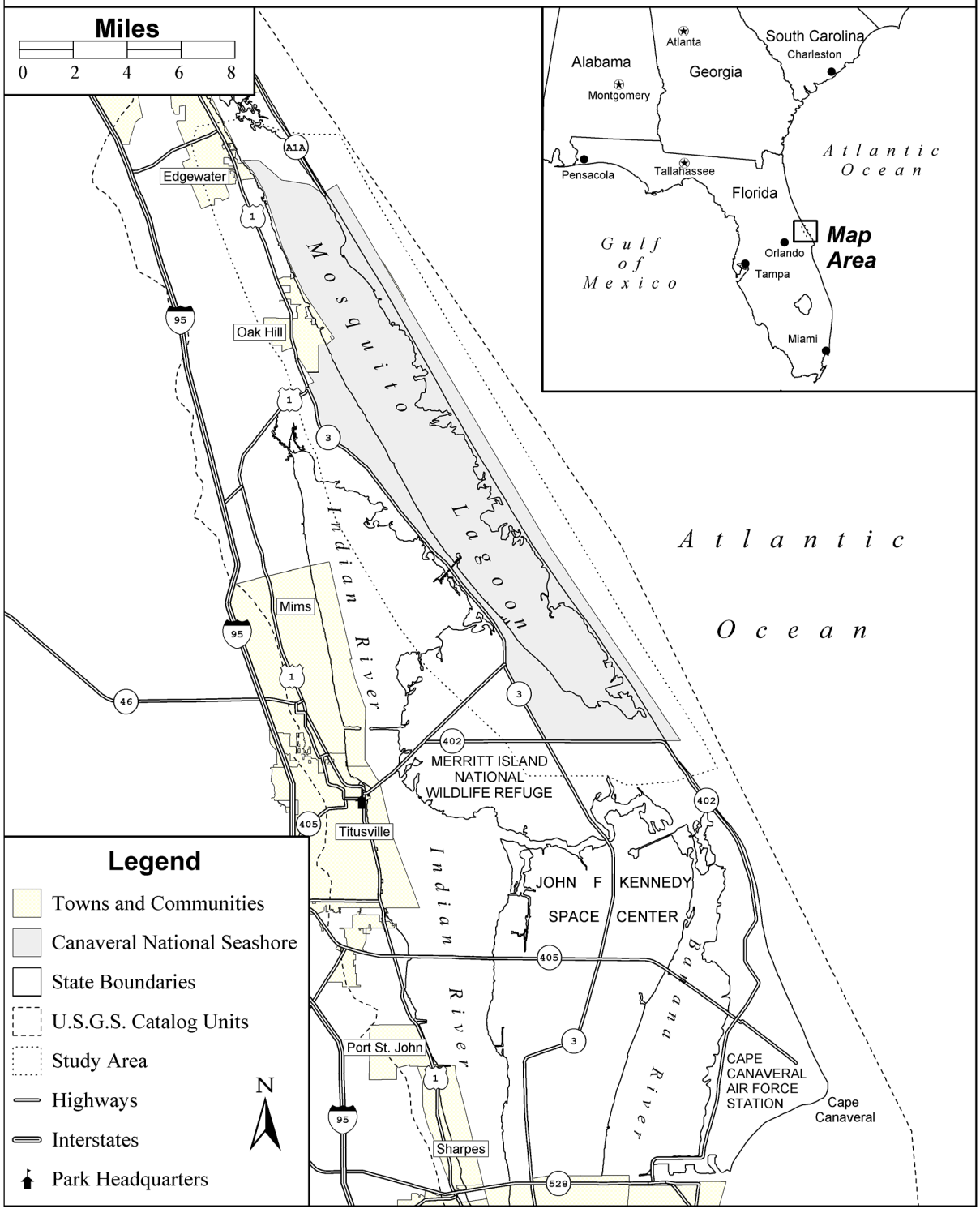
Seasonal Analysis Criteria:

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 6 years and observations in at least 3 of the 6 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.

Canaveral National Seashore

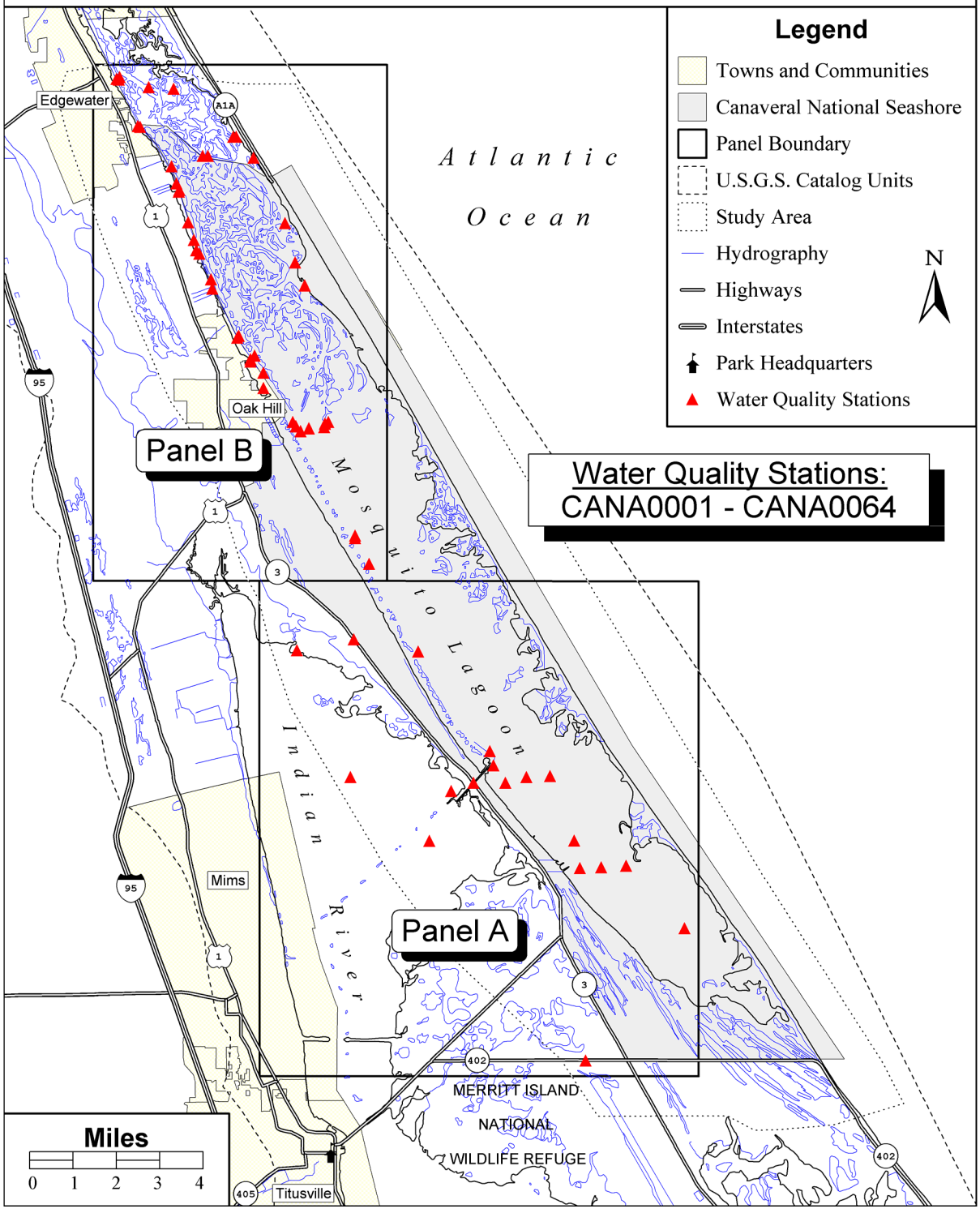
Regional Location Map



Canaveral National Seashore

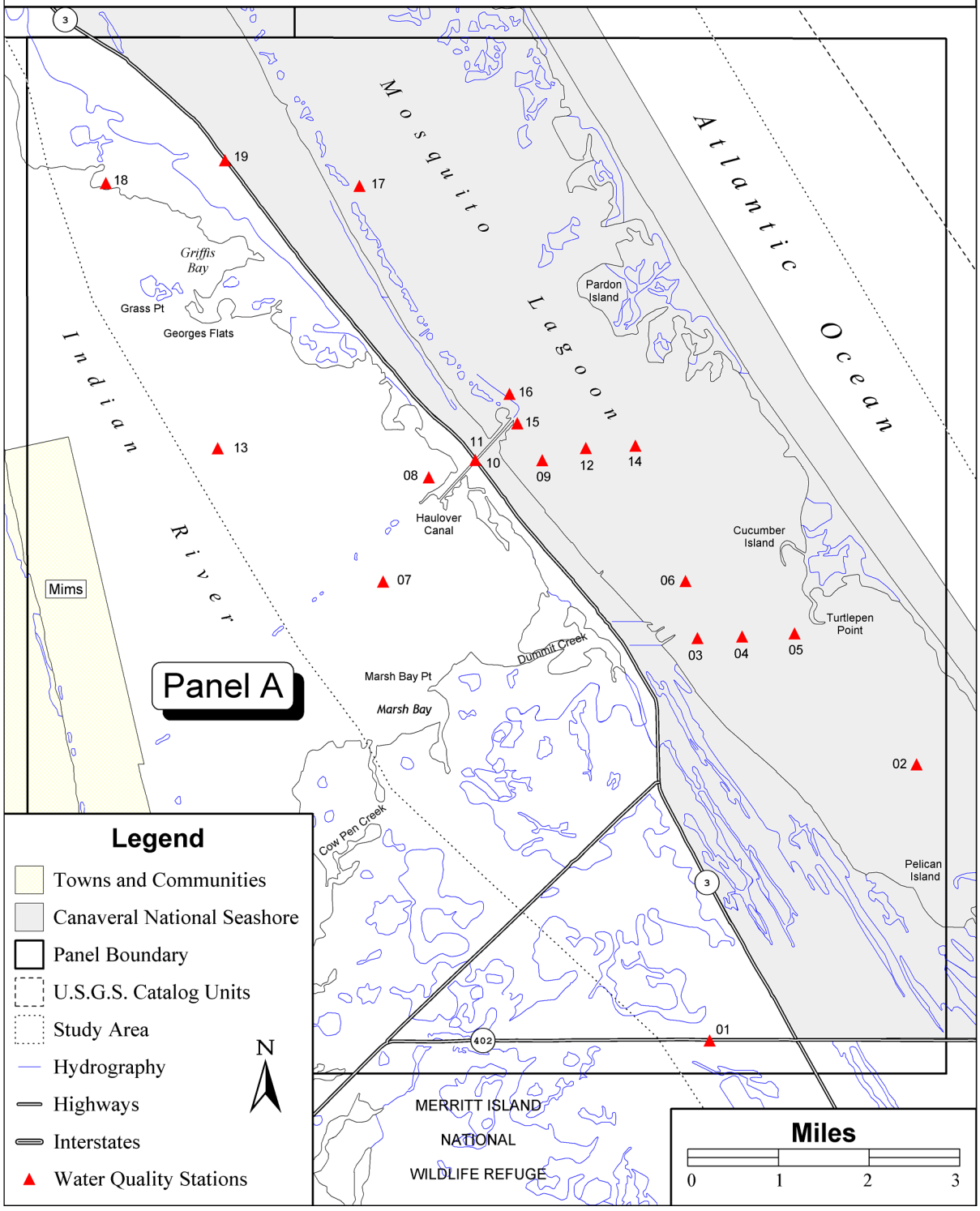
Water Quality Monitoring Locations

Graphic Panel Index



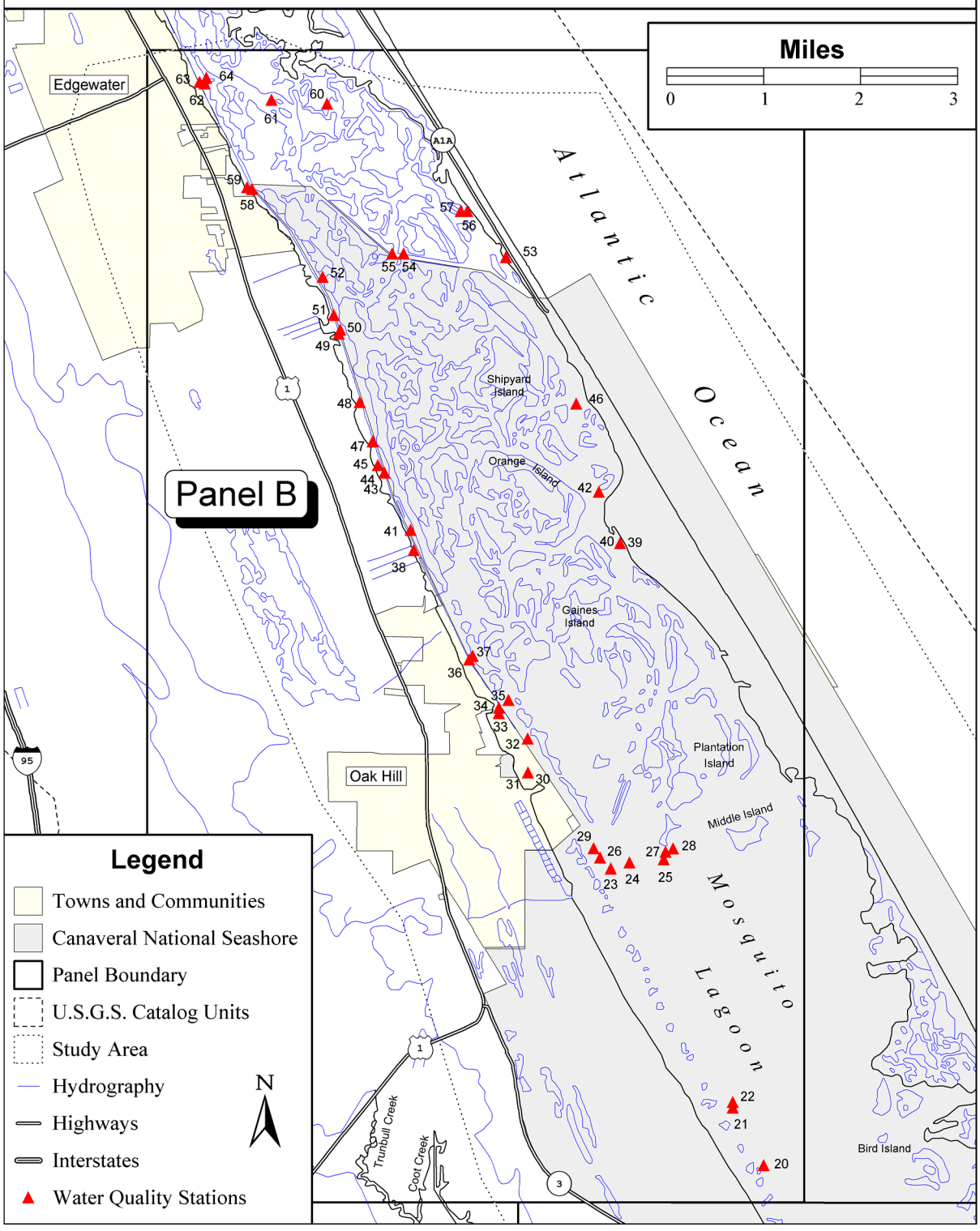
Canaveral National Seashore

Water Quality Monitoring Locations



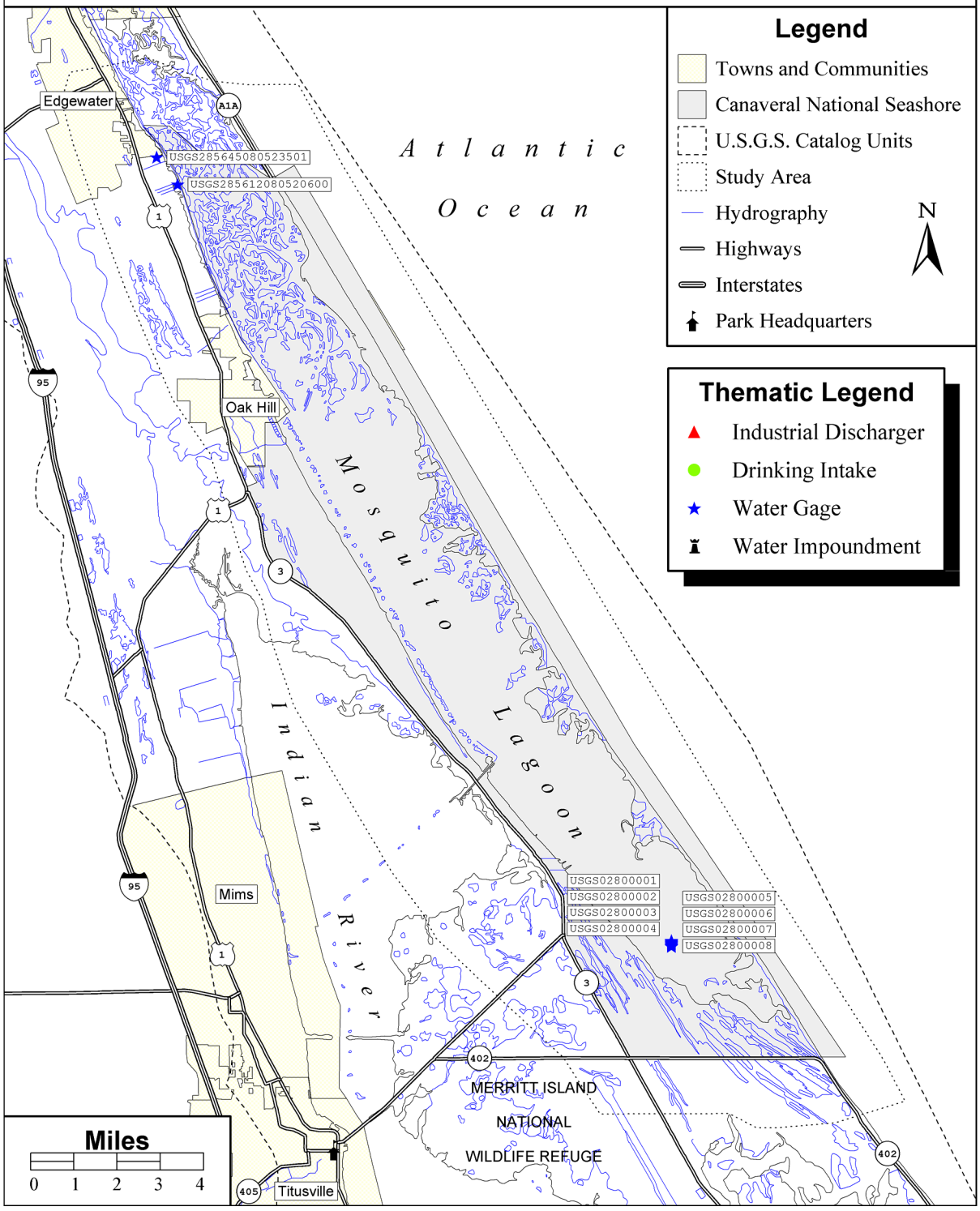
Canaveral National Seashore

Water Quality Monitoring Locations



Canaveral National Seashore

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

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

No IFD sites available for this study area.

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)

No drinking water intakes available for this study area.

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS02800001	W. ANDERSON NO. 1	Stream		1970	1981
USGS02800002	W. ANDERSON NO 2	Stream		1958	1983
USGS02800003	W. ANDERSON NO. 3	Stream		1966	1980
USGS02800004	W. ANDERSON NO. 4	Stream		1947	1953
USGS02800005	W. ANDERSON NO. 5	Stream		1947	1953
USGS02800006	W. ANDERSON NO.6	Stream		1947	1953
USGS02800007	W. ANDERSON NO.7	Stream		1947	1953
USGS02800008	W. ANDERSON NO.8	Stream		1947	1953
USGS285612080520600	INDIAN RIVER NEAR OAK HILL, FL	Estuary			
USGS285645080523501	85605205 CORY ESTATES FLOW WELL S.OF EDGEWATER	Well			

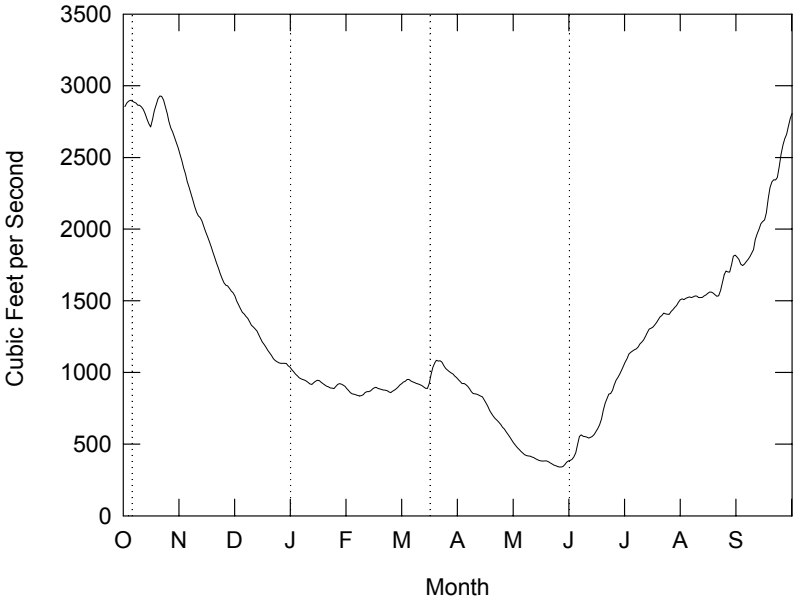
Water Impoundments

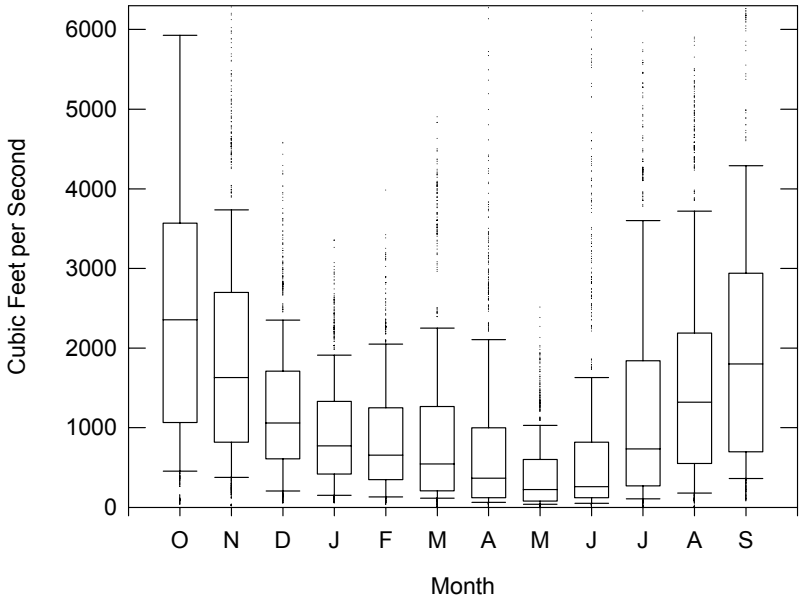
Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed

No water impoundments available for this study area.

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

CANAVERAL NATIONAL SEASHORE
St. Johns River near Christmas, FL
02232500, 52 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 Canaveral National Seashore are: Jun. 1 to Sep. 30, Oct. 1 to Dec. 31, Jan. 1 to Mar. 14, and Mar. 15 to May 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR CANA

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
21FLONRM	WHITE, CONRAD	BREVARD COUNTY	(407)633-2016	
21FLSJWM	HENDRICKSON,JOHN	ST. JOHN'S RIVER WATER	(904)328-8321	
21FLA	GOWAN, DAVE	FLORIDA DEPT ENV PROTECTN	(904)487-0505	
21FLVEMD	GATELY, MIKE	VOLUSIA ENV MNGMNT DEPT	(904)254-4618	
21FLWQA	GOWAN, DAVE	FLORIDA DEPT ENV PROTECTN	(904)487-0505	

QUANTITY OF DATA RETRIEVED FOR CANA 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
112WRD	US GEOLOGICAL SURVEY	08/09/56-09/11/90	No Data in Park	2	0	0	0	0	0	106	0	9	0
11NPSWRD	NATIONAL PARK SERVICE	07/23/91-06/16/93	07/23/91-06/16/93	21	17	0	0	0	0	6375	3243	112	112
21FLONRM	BREVARD COUNTY	01/12/87-12/16/92	01/13/87-12/14/92	4	1	4	1	0	0	3023	815	23	19
21FLSJWM	ST. JOHN'S RIVER WATER	06/02/92-12/14/92	06/02/92-12/14/92	2	1	0	0	1	0	123	123	33	33
21FLA	FLORIDA DEPT ENV PROTECTN	06/02/70-10/23/95	10/09/73-07/20/87	21	6	6	2	12	3	1936	439	102	67
21FLVEMD	VOLUSIA ENV MNGMNT DEPT	04/16/90-08/16/95	04/16/90-08/15/95	13	5	13	5	0	0	19631	7865	28	28
21FLWQA	FLORIDA DEPT ENV PROTECTN	No Data in S.A.	No Data in Park	1	1	0	0	1	1	0	0	0	0
Totals		08/09/56-10/23/95	10/09/73-08/15/95	64	31	23	8	14	4	31194	12485	184	165

[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 08/09/56 To 10/23/95

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75
CANA0001	838042002 21S36E27 MERRITT ISLE WILDLIFE	No	102	35	67	0
CANA0002	STATION 1	Yes	951	951	0	0
CANA0003	STATION 1A	Yes	8	8	0	0
CANA0004	STATION 1B	Yes	8	8	0	0
CANA0005	STATION 1C	Yes	32	32	0	0
CANA0006[1]	ML_02: MIDWAY BETWEEN SHORES 2km S OF HAULOVER	Yes	815	815	0	0
CANA0007[1]	I_04: 300 m S. CM 3,ICW E. HAULOVER AT 3RD ISL	No	740	740	0	0
CANA0008	INDIAN RIVER AT HAULOVER CANAL	No	0	0	0	0
CANA0009	STATION 2A	Yes	8	8	0	0
CANA0010[1]	HAULOVER CL AQ PRESERVE A-6 CLS	No	307	0	0	307
CANA0011[1]	HAULOVER CL AT SR3 BRIDGE	No	184	79	56	49
CANA0012	STATION 2B	Yes	16	16	0	0
CANA0013[1]	I_02: E. HAULOVER, N. ICW, 7TH SANC. MKR, 10 S.	No	719	719	0	0
CANA0014	STATION 2C	Yes	24	24	0	0
CANA0015	MOSQUITO LAGOON 100 M S OF GREEN MARKER 43	Yes	123	123	0	0
CANA0016[1]	INDIAN R AT ICWW CM 41	Yes	241	68	173	0
CANA0017	MOSQUITO LAGOON AT ICW #3	Yes	49	0	0	49
CANA0018[1]	ML_01(I01): 100m E OF CM 31 IN MOSQUITO LAGOON	No	749	749	0	0
CANA0019	847048001 20S35E02 331 810 OAK HILL TP	No	4	0	0	4
CANA0020	MOSQUITO LAGOON AT CM# 22	Yes	0	0	0	0
CANA0021[1]	MOSQUITO LAGOON AT ICWW CM 22	Yes	1464	1464	0	0
CANA0022[1]	INDIAN R AT ICWW CM 21	Yes	149	86	63	0
CANA0023	STATION 3A	Yes	24	24	0	0
CANA0024	STATION 3B	Yes	8	8	0	0
CANA0025[1]	MOSQUITO LAGOON EAST OF ICWW CM 13A	Yes	1596	1596	0	0
CANA0026[1]	MOSQUITO LAGOON AT ICWW CM 13A	Yes	1702	1702	0	0
CANA0027	MOSQUITO LAGOON NEAR CM # 13A	Yes	0	0	0	0
CANA0028	STATION 3C	Yes	16	16	0	0
CANA0029	MOSQUITO LAGOON AT CM# 13A	Yes	0	0	0	0
CANA0030	STATION 5	No	1034	1034	0	0
CANA0031	STATION 5A	No	8	8	0	0
CANA0032	STATION 5B	Yes	16	16	0	0
CANA0033	MOSQUITO LAGOON SOUTH OF CM#7	No	0	0	0	0
CANA0034[1]	MOSQUITO LAGOON AT ICWW CM 7	No	1541	1541	0	0
CANA0035	STATION 5C	Yes	24	24	0	0
CANA0036[1]	INDIAN R AT ICWW CM 4	No	185	80	56	49
CANA0037	ICW MARKER 4,INDIAN R. N. OF OAK HILL 04/X2 VC5	Yes	0	0	0	0
CANA0038	INDIAN RIVER NEAR CM #73	No	0	0	0	0
CANA0039	STATION 2	Yes	1034	1034	0	0
CANA0040	STATION 4A	Yes	16	16	0	0
CANA0041[1]	INDIAN RIVER LAGOON AT ICWW CM 73	Yes	1722	1722	0	0
CANA0042	STATION 4B	Yes	12	12	0	0
CANA0043[1]	INDIAN RIVER LAGOON AT ICWW CM 70	No	1436	1436	0	0
CANA0044	INDIAN RIVER NEAR CM #70	No	0	0	0	0
CANA0045	STATION 3	No	1035	1035	0	0
CANA0046	STATION 4C	Yes	20	20	0	0
CANA0047	INDIAN RIVER NEAR CM #69	No	0	0	0	0
CANA0048[1]	INDIAN RIVER LAGOON AT ICWW CM 69	No	1409	1409	0	0
CANA0049	INDIAN RIVER NORTH AT ICW #67	No	16	0	0	16
CANA0050[1]	INDIAN RIVER LAGOON AT ICWW CM 67	Yes	1381	1381	0	0
CANA0051	INDIAN RIVER NEAR CM #67	No	0	0	0	0
CANA0052	STATION 6	Yes	1026	1026	0	0
CANA0053	STATION 4	No	1055	1055	0	0
CANA0054[1]	INDIAN RIVER LAGOON BY SHIPYARD CHANNEL	No	1519	1519	0	0
CANA0055	CEDAR CREEK AT SHIPYARD CANAL	No	0	0	0	0
CANA0056[1]	MOSQUITO LAGOON JUST EAST OF CEDAR ISLAND	No	1479	1479	0	0
CANA0057	MOSQUITO LAGOON EAST OF CEDAR ISLAND	No	0	0	0	0
CANA0058[1]	INDIAN RIV N ICW CHAN MARK 60	No	769	538	195	36
CANA0059[1]	INDIAN RIVER LAGOON AT ICWW CM 60	No	1457	1457	0	0
CANA0060	INDIAN RIVER LAGOON AT 3 SISTERS IS.	No	0	0	0	0
CANA0061[1]	INDIAN RIVER LAGOON W. OF THREE SISTERS ISLAND	No	1469	1469	0	0
CANA0062[1]	INDIAN RIVER LAGOON AT ICWW CM 57	No	1456	1456	0	0
CANA0063	INDIAN RIV N ICW CHAN MARK 57	No	36	0	0	36
CANA0064	INDIAN RIVER NEAR CM #57	No	0	0	0	0

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

Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Parameter Code	Name	Total Obs	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	7	7	0	0	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1242	1183	18	41	34	13
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	1053	1038	15	0	22	8
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	57	7	46	4	8	3
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	50	7	43	0	6	2
00032	CLOUD COVER (PERCENT)	1130	1115	15	0	28	11
00035	WIND VELOCITY (MILES PER HOUR)	1120	1092	15	13	23	8
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	1095	1062	14	19	23	8
00041	WEATHER (WMO CODE 4501)	4	4	0	0	1	1
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	56	56	0	0	6	3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	37	0	6	31	8	2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	828	816	12	0	18	7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	4	0	1	3	4	2
00078	TRANSPARENCY, SECCHI DISC (METERS)	1181	1159	22	0	23	9
00080	COLOR (PLATINUM-COBALT UNITS)	1024	975	18	31	44	26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	918	906	12	0	25	11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	111	75	19	17	15	6
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	3	3	0	0	1	1
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	821	821	0	0	13	5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	1190	1176	14	0	29	12
00300	OXYGEN, DISSOLVED MG/L	48	0	7	41	8	2
00310	BOD, 5 DAY, 20 DEG C MG/L	136	91	11	34	15	6
00324	BOD, 20 DAY, 20 DEG C MG/L	5	0	5	0	5	2
00326	BOD, 28 DAY, 20 DEG C MG.L	5	0	5	0	5	2
00327	BOD, 11DAY, 20 DEG C MG/L	5	0	5	0	5	2
00328	BOD, 12 DAY, 20 DEG C MG/L	5	0	5	0	5	2
00334	BOD, 19 DAY, 20 DEG C MG/L	5	0	5	0	5	2
00340	COD, .25N K2CR2O7 MG/L	71	71	0	0	6	3
00345	BOD, 25 DAY, 20 DEG C MG/L	5	0	5	0	5	2
00400	PH (STANDARD UNITS)	1105	1073	18	14	25	10
00403	PH, LAB, STANDARD UNITS SU	136	92	18	26	15	6
00405	CARBON DIOXIDE (MG/L AS CO2)	14	0	0	14	1	0
00406	PH, FIELD, STANDARD UNITS SU	51	51	0	0	6	3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	158	114	17	27	16	7
00435	ACIDITY, TOTAL (MG/L AS CACO3)	6	0	1	5	6	2
00480	SALINITY - PARTS PER THOUSAND	1179	1164	15	0	28	11
00500	RESIDUE, TOTAL (MG/L)	15	0	0	15	3	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	2	0	0	2	2	0
00510	RESIDUE, TOTAL FIXED (MG/L)	2	0	0	2	2	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	2	0	0	2	2	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1030	1002	18	10	48	27
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	14	0	8	6	7	2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	14	0	8	6	7	2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	67	67	0	0	6	3
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	47	47	0	0	6	3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	5	0	1	4	3	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	320	320	0	0	13	5
00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	8	8	0	0	2	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	96	88	1	7	13	6
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	66	66	0	0	6	3
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	2	0	2	0	1	1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	82	71	0	11	12	4
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	54	54	0	0	6	3
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	2	0	2	0	1	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	97	71	0	26	12	4
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	66	66	0	0	6	3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	1015	991	17	7	31	13
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	66	66	0	0	6	3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	67	51	16	0	7	3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	788	788	0	0	13	5
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	13	0	0	13	1	0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	3	0	0	3	3	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	79	71	0	8	9	3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1022	987	18	17	32	13
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	3	0	0	3	3	1
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	66	66	0	0	6	3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	791	787	1	3	17	7
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	81	77	4	0	9	5
00916	CALCIUM, TOTAL (MG/L AS CA)	75	75	0	0	7	4
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	66	66	0	0	6	3
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	66	66	0	0	6	3

Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Parameter Code	Name	Total Obs	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00927	MAGNESIUM, TOTAL (MG/L AS MG)	75	75	0	0	7	4
00929	SODIUM, TOTAL (MG/L AS NA)	4	4	0	0	1	1
00937	POTASSIUM, TOTAL MG/L AS K)	75	75	0	0	7	4
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	66	66	0	0	6	3
00940	CHLORIDE,TOTAL IN WATER MG/L	28	4	1	23	6	1
00945	SULFATE, TOTAL (MG/L AS SO4)	75	75	0	0	7	4
01002	ARSENIC, TOTAL (UG/L AS AS)	66	66	0	0	7	3
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	68	67	1	0	7	3
01012	BERYLLIUM, TOTAL (UG/L AS BE)	72	72	0	0	7	3
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	67	67	0	0	7	3
01022	BORON, TOTAL (UG/L AS B)	71	71	0	0	6	3
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	66	66	0	0	6	3
01027	CADMIUM, TOTAL (UG/L AS CD)	75	73	2	0	8	4
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	69	68	1	0	7	3
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	68	67	1	0	7	3
01034	CHROMIUM, TOTAL (UG/L AS CR)	74	72	2	0	8	4
01042	COPPER, TOTAL (UG/L AS CU)	74	72	2	0	9	5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	68	67	1	0	7	3
01045	IRON, TOTAL (UG/L AS FE)	7	5	2	0	3	2
01051	LEAD, TOTAL (UG/L AS PB)	75	73	2	0	8	4
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	69	68	1	0	7	3
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	67	67	0	0	7	3
01055	MANGANESE, TOTAL (UG/L AS MN)	72	72	0	0	7	3
01059	THALLIUM, TOTAL (UG/L AS TL)	1	1	0	0	1	0
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	71	71	0	0	6	3
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	66	66	0	0	6	3
01067	NICKEL, TOTAL (UG/L AS NI)	72	72	0	0	7	3
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	67	67	0	0	7	3
01077	SILVER, TOTAL (UG/L AS AG)	72	72	0	0	7	3
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	67	67	0	0	7	3
01092	ZINC, TOTAL (UG/L AS ZN)	75	73	2	0	8	4
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	3	2	1	0	1	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	71	71	0	0	6	3
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	66	66	0	0	6	3
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	54	54	0	0	6	3
01105	ALUMINUM, TOTAL (UG/L AS AL)	71	71	0	0	6	3
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	1	0	0	1	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	67	67	0	0	7	3
01142	SILICON, TOTAL (UG/L AS SI)	71	71	0	0	6	3
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	42	42	0	0	6	3
01147	SELENIUM, TOTAL (UG/L AS SE)	1	1	0	0	1	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	1	1	0	0	1	0
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	66	66	0	0	6	3
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	68	67	1	0	7	3
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	24	24	0	0	6	3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	768	759	2	7	19	7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	67	50	0	17	9	3
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	1	1	0	0	1	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	809	800	2	7	26	11
31649	ENTEROCOCCI- ME-MF N0/100ML	732	732	0	0	13	5
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	647	644	3	0	40	25
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	918	904	14	0	19	8
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	468	465	3	0	19	8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	476	473	3	0	19	8
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	495	493	2	0	20	8
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	8	4	4	0	2	1
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	14	14	0	0	5	2
32230	CHLOROPHYLL A (MG/L)	3	0	0	3	3	1
32231	CHLOROPHYLL B (MG/L)	3	0	0	3	3	1
32232	CHLOROPHYLL C (MG/L)	3	0	0	3	3	1
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	71	71	0	0	6	3
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	47	47	0	0	6	3
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	24	24	0	0	6	3
34351	ENDOSULFAN SULFATE TOTWUG/L	24	24	0	0	6	3
34356	ENDOSULFAN, BETA TOTWUG/L	24	24	0	0	6	3
34361	ENDOSULFAN, ALPHA TOTWUG/L	24	24	0	0	6	3
34366	ENDRIN ALDEHYDE TOTWUG/L	24	24	0	0	6	3
34480	THALLIUM DRY WGTBOTMG/KG	1	1	0	0	1	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	24	24	0	0	6	3

Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Parameter Code	Name	Total Obs	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	24	24	0	0	6	3
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	24	24	0	0	6	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	3
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	24	24	0	0	6	3
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	24	24	0	0	6	3
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	24	24	0	0	6	3
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	24	24	0	0	6	3
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	24	24	0	0	6	3
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	24	24	0	0	6	3
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	24	24	0	0	6	3
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	23	23	0	0	6	3
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	23	23	0	0	6	3
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	39	39	0	0	6	3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	4	4	0	0	1	1
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	71	71	0	0	6	3
70310	PH, STANDARD UNITS, BOTTOM MUDS	66	66	0	0	6	3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	106	90	0	16	11	2
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	124	124	0	0	28	19
71900	MERCURY, TOTAL (UG/L AS HG)	75	73	2	0	8	4
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	50	49	1	0	7	3
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	9	0	9	0	1	0
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	21	7	14	0	1	0
74010	IRON, TOTAL (MG/L AS FE)	71	71	0	0	6	3
81255	BOD, 33 DAY, 20 DEG C MG/L	5	0	5	0	5	2
81612	SULFATES IN SEDIMENT SAMPLE MG/G	66	66	0	0	6	3
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	66	66	0	0	6	3
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	66	66	0	0	6	3
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	142	142	0	0	12	5
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	2	0	2	0	1	1
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	2	0	2	0	1	1
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	61	61	0	0	6	3
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	305	305	0	0	5	2
83500	SAMPLE, AREA SQUARE CENTIMETERS	15	6	9	0	2	2
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	23	7	15	1	2	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	23	7	15	1	2	0

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0058	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/18/94-10/23/95	1	7	
CANA0002	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	1	10	
CANA0006	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	5	56	
CANA0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	5	60	
CANA0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-07/12/73	2	23	
CANA0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/73-07/20/87	13	10	
CANA0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	5	60	
CANA0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/92-12/14/92	0	3	
CANA0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/77-07/20/87	10	10	
CANA0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/73-10/29/74	1	4	
CANA0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	5	55	
CANA0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/56-08/09/56	0	1	
CANA0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	60	
CANA0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	61	
CANA0026	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	83	
CANA0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	1	11	
CANA0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	63	
CANA0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/73-07/20/87	13	10	
CANA0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	1	11	
CANA0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	95	
CANA0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	65	
CANA0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	1	11	
CANA0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	60	
CANA0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/74-10/29/74	0	1	
CANA0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/15/95	5	57	
CANA0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	1	10	
CANA0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	1	10	
CANA0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	5	62	
CANA0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	5	59	
CANA0058	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-10/23/95	25	33	
CANA0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	61	
CANA0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	59	
CANA0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	60	
CANA0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-12/13/72	2	2	
CANA0006	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	5	78	
CANA0007	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/14/88-07/13/92	3	51	
CANA0011	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/83-07/20/87	3	6	
CANA0013	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/14/88-07/13/92	3	50	
CANA0016	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/80-07/20/87	7	7	
CANA0018	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/89-12/16/92	3	56	
CANA0021	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	58	
CANA0022	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	61	
CANA0026	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	66	
CANA0034	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	61	
CANA0036	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/83-07/20/87	3	6	
CANA0041	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	68	
CANA0043	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	56	
CANA0048	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	58	
CANA0050	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/15/95	5	48	
CANA0054	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	5	64	
CANA0056	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	5	58	
CANA0058	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/82-10/23/95	13	32	
CANA0059	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	55	
CANA0061	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	54	
CANA0062	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	54	
CANA0001	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/12/82-09/11/90	8	13	
CANA0010	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/20/72-07/20/72	0	1	
CANA0011	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/09/73-05/09/84	10	5	
CANA0016	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/22/77-05/09/84	7	13	
CANA0017	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/09/73-10/09/73	0	1	
CANA0022	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/07/83-05/09/84	0	4	
CANA0036	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/09/73-05/09/84	10	5	
CANA0058	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/05/82-05/09/84	1	15	
CANA0001	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/12/82-09/11/90	8	13	
CANA0011	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/07/83-05/09/84	0	4	
CANA0016	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/13/78-05/09/84	6	10	
CANA0022	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/07/83-05/09/84	0	4	
CANA0036	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	12/07/83-05/09/84	0	4	
CANA0058	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/05/82-05/09/84	1	15	
CANA0002	Yes	00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	1	9	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0006	Yes	00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	5	70	
CANA0007	No	00032	CLOUD COVER (PERCENT)	11/14/88-07/13/92	3	51	
CANA0011	No	00032	CLOUD COVER (PERCENT)	12/07/83-07/20/87	3	6	
CANA0013	No	00032	CLOUD COVER (PERCENT)	11/14/88-07/13/92	3	53	
CANA0016	Yes	00032	CLOUD COVER (PERCENT)	04/22/80-07/20/87	7	7	
CANA0018	No	00032	CLOUD COVER (PERCENT)	01/09/89-12/16/92	3	56	
CANA0021	Yes	00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	5	60	
CANA0022	Yes	00032	CLOUD COVER (PERCENT)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	5	63	
CANA0026	Yes	00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	5	67	
CANA0030	No	00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	1	10	
CANA0034	No	00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	5	61	
CANA0036	No	00032	CLOUD COVER (PERCENT)	12/07/83-07/20/87	3	6	
CANA0039	Yes	00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	1	10	
CANA0041	Yes	00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	5	69	
CANA0043	No	00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	5	57	
CANA0045	No	00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	1	10	
CANA0048	No	00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	5	57	
CANA0050	Yes	00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	5	56	
CANA0052	Yes	00032	CLOUD COVER (PERCENT)	11/20/91-06/16/93	1	9	
CANA0053	No	00032	CLOUD COVER (PERCENT)	11/20/91-06/16/93	1	9	
CANA0054	No	00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	5	63	
CANA0056	No	00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	5	58	
CANA0058	No	00032	CLOUD COVER (PERCENT)	10/05/82-10/23/95	13	32	
CANA0059	No	00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	5	60	
CANA0061	No	00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	5	55	
CANA0062	No	00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	5	60	
CANA0006	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	5	70	
CANA0007	No	00035	WIND VELOCITY (MILES PER HOUR)	11/14/88-07/13/92	3	51	
CANA0010	No	00035	WIND VELOCITY (MILES PER HOUR)	03/18/71-12/18/73	2	13	
CANA0011	No	00035	WIND VELOCITY (MILES PER HOUR)	12/07/83-07/20/87	3	6	
CANA0013	No	00035	WIND VELOCITY (MILES PER HOUR)	11/14/88-07/13/92	3	53	
CANA0016	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/22/80-07/20/87	7	7	
CANA0018	No	00035	WIND VELOCITY (MILES PER HOUR)	01/09/89-12/16/92	3	56	
CANA0021	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	63	
CANA0022	Yes	00035	WIND VELOCITY (MILES PER HOUR)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	67	
CANA0026	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	70	
CANA0034	No	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	64	
CANA0036	No	00035	WIND VELOCITY (MILES PER HOUR)	12/07/83-07/20/87	3	6	
CANA0041	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	77	
CANA0043	No	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	58	
CANA0048	No	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	58	
CANA0050	Yes	00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	5	55	
CANA0054	No	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	5	66	
CANA0056	No	00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	5	62	
CANA0058	No	00035	WIND VELOCITY (MILES PER HOUR)	10/05/82-10/23/95	13	31	
CANA0059	No	00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	5	60	
CANA0061	No	00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	5	61	
CANA0062	No	00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	5	60	
CANA0006	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/20/87-12/14/92	5	70	
CANA0007	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/14/88-07/13/92	3	50	
CANA0010	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/25/71-07/12/73	2	19	
CANA0011	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/07/83-07/20/87	3	4	
CANA0013	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/14/88-07/13/92	3	52	
CANA0016	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/22/80-07/20/87	7	7	
CANA0018	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	01/09/89-12/16/92	3	56	
CANA0021	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	60	
CANA0022	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	66	
CANA0026	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	69	
CANA0034	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	62	
CANA0036	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	12/07/83-07/20/87	3	6	
CANA0041	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	76	
CANA0043	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	57	
CANA0048	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/15/95	5	57	
CANA0050	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/16/90-08/15/95	5	56	
CANA0054	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/16/95	5	61	
CANA0056	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/17/90-08/16/95	5	58	
CANA0058	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10/05/82-10/23/95	13	29	
CANA0059	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/16/90-08/16/95	5	58	
CANA0061	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/16/90-08/16/95	5	57	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0062	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/16/90-08/16/95	5	59	
CANA0015	Yes	00041	WEATHER (WMO CODE 4501)	06/02/92-12/14/92	0	4	
CANA0002	Yes	00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	09/19/91-06/16/93	1	9	
CANA0030	No	00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	09/19/91-06/16/93	1	10	
CANA0039	Yes	00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	09/19/91-06/16/93	1	10	
CANA0045	No	00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	09/19/91-06/16/93	1	10	
CANA0052	Yes	00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	11/20/91-06/16/93	1	9	
CANA0053	No	00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	11/20/91-06/16/93	1	8	
CANA0010	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/25/71-07/12/73	2	23	
CANA0011	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	0	1	
CANA0016	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/22/77-04/22/80	3	4	
CANA0017	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	0	1	
CANA0036	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	0	1	
CANA0049	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	0	1	
CANA0058	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/70-01/04/83	12	4	
CANA0063	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/70-12/13/72	2	2	
CANA0011	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-07/20/87	3	6	
CANA0016	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-04/14/87	3	5	
CANA0021	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	61	A
CANA0022	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	66	A
CANA0026	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	65	A
CANA0034	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	65	A
CANA0036	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-07/20/87	3	6	
CANA0041	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	62	
CANA0043	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	57	
CANA0048	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	58	
CANA0050	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	5	57	
CANA0054	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	5	62	A
CANA0056	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	5	62	A
CANA0058	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/83-07/20/87	4	8	
CANA0059	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	5	60	A
CANA0061	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	5	61	
CANA0062	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	5	61	A
CANA0011	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/09/73-10/09/73	0	1	
CANA0016	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/13/78-02/13/78	0	1	
CANA0017	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/09/73-10/09/73	0	1	
CANA0036	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/09/73-10/09/73	0	1	
CANA0006	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	5	78	A
CANA0007	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	5	75	A
CANA0011	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/83-07/20/87	3	6	
CANA0013	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	5	77	A
CANA0015	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/02/92-12/14/92	0	3	
CANA0016	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/79-07/20/87	7	10	
CANA0018	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	5	72	
CANA0021	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	62	A
CANA0022	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	64	A
CANA0026	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	70	A
CANA0034	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	63	A
CANA0036	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/83-07/20/87	3	6	
CANA0041	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	78	A
CANA0043	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	58	
CANA0048	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	58	
CANA0050	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	5	55	
CANA0054	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	5	65	A
CANA0056	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	5	59	A
CANA0058	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/05/82-10/23/95	13	36	T,S
CANA0059	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	5	59	A
CANA0061	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	5	62	
CANA0062	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	5	59	A
CANA0002	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	1	12	
CANA0003	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/06/92-02/10/92	0	2	
CANA0004	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-10/03/91	0	2	
CANA0005	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-06/02/92	0	8	
CANA0007	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/17/88-01/08/90	1	6	
CANA0009	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/04/91-04/06/92	0	2	
CANA0010	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/25/71-07/12/73	2	24	
CANA0011	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/29/74-07/20/87	12	7	
CANA0012	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-05/05/92	0	4	
CANA0014	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/02/92	0	6	
CANA0015	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/92-12/14/92	0	4	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0016	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	03/22/77-04/14/87	10	9	
CANA0017	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/29/74-10/29/74	0	1	
CANA0021	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	60	A
CANA0022	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/07/83-07/20/87	3	6	
CANA0023	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/02/92	0	6	
CANA0024	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/04/91-04/06/92	0	2	
CANA0025	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	66	A
CANA0026	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	63	A
CANA0028	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/06/91-05/05/92	0	4	
CANA0030	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	1	13	
CANA0031	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/02/92-04/06/92	0	2	
CANA0032	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-01/06/92	0	4	
CANA0034	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	62	A
CANA0035	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/02/92	0	6	
CANA0036	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/29/74-07/20/87	12	7	
CANA0039	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	1	13	
CANA0040	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-03/02/92	0	4	
CANA0041	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	61	
CANA0042	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/06/91-05/05/92	0	3	
CANA0043	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	56	
CANA0045	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	1	13	
CANA0046	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-06/02/92	0	5	
CANA0048	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	57	
CANA0050	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	5	57	
CANA0052	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	1	13	
CANA0053	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	1	13	
CANA0054	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	5	62	A
CANA0056	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	5	62	A
CANA0058	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/70-10/23/95	25	33	T,S
CANA0059	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	5	60	A
CANA0061	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	5	61	
CANA0062	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	5	61	A
CANA0063	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/70-12/13/72	2	2	
CANA0002	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	10	
CANA0011	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	3	6	
CANA0015	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/92-12/14/92	0	3	
CANA0016	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	3	6	
CANA0021	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	57	
CANA0022	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	58	
CANA0026	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	79	A
CANA0030	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	11	
CANA0034	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	60	
CANA0036	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	3	6	
CANA0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	11	
CANA0041	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	86	A
CANA0043	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	63	
CANA0045	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	11	
CANA0048	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	5	56	
CANA0050	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/15/95	5	55	
CANA0052	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	10	
CANA0053	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	10	
CANA0054	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	5	58	
CANA0056	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	5	56	
CANA0058	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/83-10/23/95	12	29	T
CANA0059	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	5	57	
CANA0061	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	5	56	
CANA0062	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	5	58	
CANA0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/77-04/08/77	0	1	
CANA0002	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	11	
CANA0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-07/20/87	13	7	
CANA0016	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-05/09/84	7	6	
CANA0017	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-10/29/74	1	4	
CANA0022	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/83-07/20/87	3	3	
CANA0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	12	
CANA0036	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-07/20/87	13	7	
CANA0039	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	12	
CANA0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	12	
CANA0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/74-10/29/74	0	1	
CANA0052	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	12	
CANA0053	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	1	12	
CANA0058	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/02/70-07/20/87	17	9	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/02/70-12/13/72	2	2	
CANA0015	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	06/02/92-12/14/92	0	3	
CANA0021	Yes	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	62	A
CANA0025	Yes	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	66	A
CANA0026	Yes	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	69	A
CANA0034	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	64	A
CANA0041	Yes	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	76	A
CANA0043	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	59	
CANA0048	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	60	
CANA0050	Yes	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	5	56	
CANA0054	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	5	65	A
CANA0056	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	5	60	A
CANA0059	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	5	60	A
CANA0061	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	5	63	
CANA0062	No	00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	5	61	A
CANA0002	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	1	10	
CANA0006	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	5	56	
CANA0007	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	5	60	
CANA0011	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/07/83-07/20/87	3	6	
CANA0013	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	5	60	
CANA0015	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/92-12/14/92	0	3	
CANA0016	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/13/78-07/20/87	9	7	
CANA0018	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	5	55	
CANA0021	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	59	
CANA0022	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/07/83-07/20/87	3	6	
CANA0025	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	60	
CANA0026	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	83	A
CANA0030	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	1	11	
CANA0034	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	62	A
CANA0036	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/07/83-07/20/87	3	6	
CANA0039	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	1	11	
CANA0041	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	94	A
CANA0043	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	66	
CANA0045	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	1	11	
CANA0048	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	59	
CANA0050	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/15/95	5	57	
CANA0052	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	1	10	
CANA0053	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	1	10	
CANA0054	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	5	61	A
CANA0056	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	5	58	A
CANA0058	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/82-10/23/95	13	30	T,S
CANA0059	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	5	61	
CANA0061	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	5	58	
CANA0062	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	5	60	
CANA0010	No	00300	OXYGEN, DISSOLVED MG/L	01/25/71-07/12/73	2	24	
CANA0011	No	00300	OXYGEN, DISSOLVED MG/L	10/09/73-10/29/74	1	4	
CANA0016	Yes	00300	OXYGEN, DISSOLVED MG/L	03/22/77-04/22/80	3	3	
CANA0017	Yes	00300	OXYGEN, DISSOLVED MG/L	10/09/73-10/29/74	1	4	
CANA0036	No	00300	OXYGEN, DISSOLVED MG/L	10/09/73-10/29/74	1	4	
CANA0049	No	00300	OXYGEN, DISSOLVED MG/L	10/29/74-10/29/74	0	1	
CANA0058	No	00300	OXYGEN, DISSOLVED MG/L	06/02/70-07/19/83	13	6	
CANA0063	No	00300	OXYGEN, DISSOLVED MG/L	06/02/70-12/13/72	2	2	
CANA0002	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	1	11	
CANA0010	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/25/71-07/12/73	2	23	
CANA0011	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/09/73-07/20/87	13	8	
CANA0016	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/22/77-04/14/87	10	6	
CANA0017	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/09/73-10/29/74	1	2	
CANA0022	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/83-07/20/87	3	6	
CANA0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	1	12	
CANA0036	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/09/73-07/20/87	13	8	
CANA0039	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	1	12	
CANA0045	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	1	12	
CANA0049	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/29/74-10/29/74	0	1	
CANA0052	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	1	12	
CANA0053	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	1	12	
CANA0058	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/70-07/19/93	23	9	
CANA0063	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/70-12/13/72	2	2	
CANA0011	No	00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0016	Yes	00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0022	Yes	00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0036	No	00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0058	No	00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0011	No	00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	0	1	
CANA0016	Yes	00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	0	1	
CANA0022	Yes	00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	0	1	
CANA0036	No	00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	0	1	
CANA0058	No	00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	0	1	
CANA0011	No	00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0016	Yes	00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0022	Yes	00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0036	No	00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0058	No	00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0011	No	00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0016	Yes	00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0022	Yes	00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0036	No	00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0058	No	00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0011	No	00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0016	Yes	00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0022	Yes	00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0036	No	00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0058	No	00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0002	Yes	00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	1	11	
CANA0030	No	00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	1	12	
CANA0039	Yes	00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	1	12	
CANA0045	No	00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	1	12	
CANA0052	Yes	00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	1	12	
CANA0053	No	00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	1	12	
CANA0011	No	00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0016	Yes	00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0022	Yes	00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0036	No	00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0058	No	00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	0	1	
CANA0006	Yes	00400	PH (STANDARD UNITS)	01/13/87-12/14/92	5	51	
CANA0007	No	00400	PH (STANDARD UNITS)	01/12/87-07/13/92	5	51	
CANA0011	No	00400	PH (STANDARD UNITS)	10/09/73-07/20/87	13	10	
CANA0013	No	00400	PH (STANDARD UNITS)	01/12/87-07/13/92	5	51	
CANA0015	Yes	00400	PH (STANDARD UNITS)	06/02/92-12/14/92	0	3	
CANA0016	Yes	00400	PH (STANDARD UNITS)	03/22/77-07/20/87	10	10	
CANA0017	Yes	00400	PH (STANDARD UNITS)	10/09/73-10/29/74	1	4	
CANA0018	No	00400	PH (STANDARD UNITS)	01/12/87-12/16/92	5	50	
CANA0021	Yes	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	59	
CANA0022	Yes	00400	PH (STANDARD UNITS)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	60	
CANA0026	Yes	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	81	A
CANA0034	No	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	62	A
CANA0036	No	00400	PH (STANDARD UNITS)	10/09/73-07/20/87	13	10	
CANA0041	Yes	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	88	A
CANA0043	No	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	65	
CANA0048	No	00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	59	
CANA0050	Yes	00400	PH (STANDARD UNITS)	04/16/90-08/15/95	5	57	
CANA0054	No	00400	PH (STANDARD UNITS)	04/17/90-08/16/95	5	61	A
CANA0056	No	00400	PH (STANDARD UNITS)	04/17/90-08/16/95	5	58	A
CANA0058	No	00400	PH (STANDARD UNITS)	12/13/72-10/23/95	22	32	T,S
CANA0059	No	00400	PH (STANDARD UNITS)	04/16/90-08/16/95	5	59	
CANA0061	No	00400	PH (STANDARD UNITS)	04/16/90-08/16/95	5	57	
CANA0062	No	00400	PH (STANDARD UNITS)	04/16/90-08/16/95	5	60	
CANA0063	No	00400	PH (STANDARD UNITS)	12/13/72-12/13/72	0	1	
CANA0002	Yes	00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	1	11	
CANA0010	No	00403	PH, LAB, STANDARD UNITS SU	01/25/71-07/12/73	2	20	
CANA0011	No	00403	PH, LAB, STANDARD UNITS SU	10/29/74-07/20/87	12	4	
CANA0016	Yes	00403	PH, LAB, STANDARD UNITS SU	03/22/77-05/09/84	7	6	
CANA0017	Yes	00403	PH, LAB, STANDARD UNITS SU	10/29/74-10/29/74	0	1	
CANA0022	Yes	00403	PH, LAB, STANDARD UNITS SU	12/07/83-07/20/87	3	3	
CANA0030	No	00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	1	12	
CANA0036	No	00403	PH, LAB, STANDARD UNITS SU	10/29/74-07/20/87	12	4	
CANA0039	Yes	00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	1	12	
CANA0045	No	00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	1	12	
CANA0049	No	00403	PH, LAB, STANDARD UNITS SU	10/29/74-10/29/74	0	1	
CANA0052	Yes	00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	1	12	
CANA0053	No	00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	1	12	
CANA0058	No	00403	PH, LAB, STANDARD UNITS SU	12/13/72-10/23/95	22	25	T
CANA0063	No	00403	PH, LAB, STANDARD UNITS SU	12/13/72-12/13/72	0	1	
CANA0010	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/71-07/12/73	2	14	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0002	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	1	8	
CANA0030	No	00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	1	9	
CANA0039	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	1	9	
CANA0045	No	00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	1	9	
CANA0052	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	1	8	
CANA0053	No	00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	1	8	
CANA0002	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	1	11	
CANA0010	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/71-07/12/73	2	19	
CANA0011	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-07/20/87	12	7	
CANA0015	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/77-04/14/87	10	9	
CANA0017	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	0	1	
CANA0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/07/83-07/20/87	3	6	
CANA0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	1	12	
CANA0036	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-07/20/87	12	6	
CANA0039	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	1	12	
CANA0045	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	1	12	
CANA0049	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	0	1	
CANA0052	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	1	12	
CANA0053	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	1	12	
CANA0058	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-10/23/95	25	32	T,S
CANA0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-12/13/72	2	2	
CANA0011	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	0	1	
CANA0016	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/22/77-03/22/77	0	1	
CANA0017	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	0	1	
CANA0036	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	0	1	
CANA0058	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/13/72-12/13/72	0	1	
CANA0063	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/13/72-12/13/72	0	1	
CANA0002	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	1	10	
CANA0006	Yes	00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	5	55	
CANA0007	No	00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	5	60	
CANA0011	No	00480	SALINITY - PARTS PER THOUSAND	12/07/83-07/20/87	3	6	
CANA0013	No	00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	5	60	
CANA0016	Yes	00480	SALINITY - PARTS PER THOUSAND	04/22/80-07/20/87	7	7	
CANA0018	No	00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	5	53	
CANA0021	Yes	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	59	
CANA0022	Yes	00480	SALINITY - PARTS PER THOUSAND	12/07/83-07/20/87	3	6	
CANA0025	Yes	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	60	
CANA0026	Yes	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	83	A
CANA0030	No	00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	1	11	
CANA0034	No	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	62	A
CANA0036	No	00480	SALINITY - PARTS PER THOUSAND	12/07/83-07/20/87	3	6	
CANA0039	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	1	11	
CANA0041	Yes	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	91	A
CANA0043	No	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	65	
CANA0045	No	00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	1	11	
CANA0048	No	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	59	
CANA0050	Yes	00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/15/95	5	57	
CANA0052	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	1	10	
CANA0053	No	00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	1	10	
CANA0054	No	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	5	61	A
CANA0056	No	00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	5	58	A
CANA0058	No	00480	SALINITY - PARTS PER THOUSAND	10/05/82-10/23/95	13	28	T
CANA0059	No	00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	5	61	
CANA0061	No	00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	5	59	
CANA0062	No	00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	5	60	
CANA0010	No	00500	RESIDUE, TOTAL (MG/L)	12/03/71-07/12/73	1	13	
CANA0058	No	00500	RESIDUE, TOTAL (MG/L)	12/13/72-12/13/72	0	1	
CANA0063	No	00500	RESIDUE, TOTAL (MG/L)	12/13/72-12/13/72	0	1	
CANA0058	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/13/72-12/13/72	0	1	
CANA0063	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/13/72-12/13/72	0	1	
CANA0058	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/13/72-12/13/72	0	1	
CANA0063	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/13/72-12/13/72	0	1	
CANA0058	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/13/72-12/13/72	0	1	
CANA0063	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/13/72-12/13/72	0	1	
CANA0002	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	1	12	
CANA0003	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/92-02/10/92	0	2	
CANA0004	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-10/03/91	0	2	
CANA0005	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-06/02/92	0	8	
CANA0006	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/90-10/13/92	2	9	
CANA0007	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/88-04/13/92	3	15	
CANA0009	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/91-04/06/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0010	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/72-09/20/72	0	1	
CANA0011	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/09/73-07/20/87	13	8	
CANA0012	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-05/05/92	0	4	
CANA0013	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/91-04/13/92	1	6	
CANA0014	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/02/92	0	6	
CANA0015	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/77-04/14/87	10	9	
CANA0017	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/09/73-10/29/74	1	2	
CANA0018	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/87-10/13/92	5	16	
CANA0021	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	59	
CANA0022	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/07/83-07/20/87	3	6	
CANA0023	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/02/92	0	6	
CANA0024	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/91-04/06/92	0	2	
CANA0025	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	66	
CANA0026	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	65	
CANA0028	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/06/91-05/05/92	0	4	
CANA0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	1	13	
CANA0031	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/02/92-04/06/92	0	2	
CANA0032	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-01/06/92	0	4	
CANA0034	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	64	
CANA0035	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/02/92	0	6	
CANA0036	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/09/73-07/20/87	13	8	
CANA0039	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	1	13	
CANA0040	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-03/02/92	0	4	
CANA0041	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	62	
CANA0042	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/06/91-05/05/92	0	3	
CANA0043	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	56	
CANA0045	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	1	13	
CANA0046	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-06/02/92	0	5	
CANA0048	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	58	
CANA0049	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0050	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	5	57	
CANA0052	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	1	13	
CANA0053	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	1	13	
CANA0054	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	5	62	
CANA0056	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	5	62	
CANA0058	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/13/72-07/19/93	20	14	
CANA0059	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	5	60	
CANA0061	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	5	61	
CANA0062	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	5	61	
CANA0063	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/13/72-12/13/72	0	1	
CANA0011	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0016	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/22/77-04/22/80	3	4	
CANA0017	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0036	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0049	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0058	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/13/72-07/19/83	10	5	
CANA0063	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/13/72-12/13/72	0	1	
CANA0011	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0016	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/22/77-04/22/80	3	4	
CANA0017	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0036	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0049	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	0	1	
CANA0058	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/13/72-07/19/83	10	5	
CANA0063	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/13/72-12/13/72	0	1	
CANA0002	Yes	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	1	10	
CANA0030	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	1	11	
CANA0039	Yes	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	1	11	
CANA0045	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	1	12	
CANA0052	Yes	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	1	12	
CANA0053	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	1	11	
CANA0002	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-09/22/92	1	7	
CANA0030	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	1	8	
CANA0039	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	1	8	
CANA0045	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	1	8	
CANA0052	Yes	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	1	8	
CANA0053	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	1	8	
CANA0016	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/22/77-03/22/77	0	1	
CANA0058	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0063	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0021	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	25	
CANA0025	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	30	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0026	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	29	
CANA0034	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	26	
CANA0041	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	22	
CANA0043	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	22	
CANA0048	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	3	22	
CANA0050	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/15/95	3	22	
CANA0054	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/16/95	3	25	
CANA0056	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/16/95	3	25	
CANA0059	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/16/95	3	24	
CANA0061	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/16/95	3	23	
CANA0062	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/16/95	3	25	
CANA0007	No	00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	01/12/87-10/26/87	0	4	
CANA0013	No	00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	01/12/87-10/26/87	0	4	
CANA0002	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	11	
CANA0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-10/09/73	0	1	
CANA0015	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/77-03/22/77	0	1	
CANA0017	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-10/09/73	0	1	
CANA0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0036	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-10/09/73	0	1	
CANA0039	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0045	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0053	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0058	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/70-10/23/95	25	15	
CANA0063	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0002	Yes	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	1	10	
CANA0030	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	1	11	
CANA0039	Yes	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	1	11	
CANA0045	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	1	11	
CANA0052	Yes	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	1	11	
CANA0053	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	1	12	
CANA0016	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/22/77-02/13/78	0	2	
CANA0002	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	11	
CANA0011	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0017	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0030	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0036	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0039	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0045	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0049	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/29/74-10/29/74	0	1	
CANA0052	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0053	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0058	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0063	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0002	Yes	00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	1	8	
CANA0030	No	00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	1	9	
CANA0039	Yes	00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	1	9	
CANA0045	No	00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	1	9	
CANA0052	Yes	00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	1	9	
CANA0053	No	00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	1	10	
CANA0016	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/22/77-02/13/78	0	2	
CANA0002	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	11	
CANA0010	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/09/71-07/12/73	1	16	
CANA0011	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0017	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0030	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0036	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0039	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0045	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0053	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0058	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0063	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	2	
CANA0002	Yes	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	1	12	
CANA0002	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	1	11	
CANA0006	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/13/87-10/13/92	5	24	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/12/87-04/13/92	5	22	
CANA0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/09/73-07/20/87	13	8	
CANA0013	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/12/87-04/13/92	5	22	
CANA0015	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/13/78-04/14/87	9	8	
CANA0017	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/09/73-10/29/74	1	2	
CANA0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/12/87-10/13/92	5	28	
CANA0021	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	59	
CANA0022	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	66	
CANA0026	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	63	
CANA0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0034	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	62	
CANA0036	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/09/73-07/20/87	13	8	
CANA0039	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0041	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	61	
CANA0043	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	56	
CANA0045	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0048	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	57	
CANA0049	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/29/74-10/29/74	0	1	
CANA0050	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/15/95	5	56	
CANA0052	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0053	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	1	12	
CANA0054	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/16/95	5	61	
CANA0056	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/16/95	5	61	
CANA0058	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/82-10/23/95	13	30	T
CANA0059	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/16/95	5	59	
CANA0061	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/16/95	5	60	
CANA0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/16/95	5	60	
CANA0002	Yes	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	1	10	
CANA0030	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	1	11	
CANA0039	Yes	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	1	11	
CANA0045	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	1	11	
CANA0052	Yes	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	1	11	
CANA0053	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	1	12	
CANA0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/88-07/10/90	1	8	
CANA0011	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/83-07/20/87	3	6	
CANA0015	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/18/79-04/14/87	7	7	
CANA0022	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/83-07/20/87	3	6	
CANA0036	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/83-07/20/87	3	6	
CANA0058	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/82-10/23/95	13	30	T
CANA0021	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	60	
CANA0025	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	66	A
CANA0026	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	64	A
CANA0034	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	64	A
CANA0041	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	61	
CANA0043	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	55	
CANA0048	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	57	
CANA0050	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	5	57	
CANA0054	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	5	61	
CANA0056	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	5	61	A
CANA0059	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	5	60	
CANA0061	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	5	61	
CANA0062	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	5	61	
CANA0010	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/71-07/12/73	2	13	
CANA0011	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/09/73-10/09/73	0	1	
CANA0017	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/09/73-10/09/73	0	1	
CANA0036	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/09/73-10/09/73	0	1	
CANA0002	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	1	11	
CANA0010	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/23/71-10/10/72	1	6	
CANA0030	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	1	12	
CANA0039	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	1	12	
CANA0045	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	1	12	
CANA0053	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	1	12	
CANA0058	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/70-06/02/70	0	1	
CANA0063	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/70-06/02/70	0	1	
CANA0002	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	1	11	
CANA0006	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/87-10/13/92	5	24	
CANA0007	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/87-04/13/92	5	22	
CANA0010	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/71-05/25/72	1	10	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/09/73-07/20/87	13	8	
CANA0013	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/87-04/13/92	5	22	
CANA0015	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/77-04/14/87	10	9	
CANA0017	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/09/73-10/29/74	1	2	
CANA0018	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/87-10/13/92	5	26	
CANA0021	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	59	
CANA0022	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/07/83-07/20/87	3	6	
CANA0025	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	65	
CANA0026	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	63	
CANA0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	1	12	
CANA0034	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	63	
CANA0036	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/09/73-07/20/87	13	8	
CANA0039	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	1	12	
CANA0041	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	60	
CANA0043	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	56	
CANA0045	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	1	12	
CANA0048	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	5	57	
CANA0049	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/29/74-10/29/74	0	1	
CANA0050	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/15/95	5	56	
CANA0052	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	1	12	
CANA0053	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	1	12	
CANA0054	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/16/95	5	61	
CANA0056	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/16/95	5	60	
CANA0058	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/82-10/23/95	13	30	T
CANA0059	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/16/95	5	59	
CANA0061	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/16/95	5	60	
CANA0062	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/16/95	5	60	
CANA0011	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/09/73-10/09/73	0	1	
CANA0017	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/09/73-10/09/73	0	1	
CANA0036	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/09/73-10/09/73	0	1	
CANA0002	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	1	12	
CANA0011	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/09/73-10/09/73	0	1	
CANA0016	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/22/77-03/22/77	0	1	
CANA0017	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/09/73-10/09/73	0	1	
CANA0021	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	60	
CANA0025	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	66	
CANA0026	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	64	A
CANA0034	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	64	A
CANA0036	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/09/73-10/09/73	0	1	
CANA0041	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	61	
CANA0043	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	55	
CANA0048	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5	57	
CANA0050	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	5	57	
CANA0054	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	5	60	A
CANA0056	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	5	61	A
CANA0059	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	5	60	A
CANA0061	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	5	61	
CANA0062	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	5	61	
CANA0002	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	1	11	
CANA0015	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/02/92-12/14/92	0	4	
CANA0016	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-09/18/79	1	2	
CANA0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	1	12	
CANA0039	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	1	12	
CANA0045	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	1	12	
CANA0053	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	1	12	
CANA0058	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/05/82-10/23/95	13	4	
CANA0002	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	1	11	
CANA0015	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/02/92-12/14/92	0	4	
CANA0030	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	1	12	
CANA0039	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	1	12	
CANA0045	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	1	12	
CANA0053	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	1	12	
CANA0002	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	1	11	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0039	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	1	12	
CANA0002	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	1	12	
CANA0002	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	1	11	
CANA0015	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/02/92-12/14/92	0	4	
CANA0030	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	1	12	
CANA0039	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	1	12	
CANA0045	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	1	12	
CANA0053	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	1	12	
CANA0015	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/02/92-12/14/92	0	4	
CANA0002	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	1	11	
CANA0015	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/02/92-12/14/92	0	4	
CANA0030	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	1	12	
CANA0039	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	1	12	
CANA0045	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	1	12	
CANA0053	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	1	12	
CANA0002	Yes	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	1	12	
CANA0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/77-04/08/77	0	1	
CANA0010	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/71-07/12/73	2	20	
CANA0015	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/92-12/14/92	0	4	
CANA0019	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/56-08/09/56	0	1	
CANA0058	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/70-06/02/70	0	1	
CANA0063	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/70-06/02/70	0	1	
CANA0002	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	1	11	
CANA0015	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/92-12/14/92	0	4	
CANA0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	1	12	
CANA0039	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	1	12	
CANA0045	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	1	12	
CANA0052	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	1	12	
CANA0053	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	1	12	
CANA0002	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	1	10	
CANA0030	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	1	11	
CANA0039	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	1	11	
CANA0045	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	1	11	
CANA0052	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	1	11	
CANA0053	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	1	11	
CANA0058	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/04/83-11/09/92	9	2	
CANA0002	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	1	11	
CANA0030	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	1	12	
CANA0045	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	1	12	
CANA0053	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	1	12	
CANA0058	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/09/92-11/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0002	Yes	01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	1	11	
CANA0030	No	01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	1	12	
CANA0045	No	01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	1	12	
CANA0053	No	01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	1	12	
CANA0002	Yes	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	1	12	
CANA0002	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	1	11	
CANA0016	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	02/13/78-02/13/78	0	1	
CANA0030	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	1	12	
CANA0045	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	1	12	
CANA0053	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	1	12	
CANA0058	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/04/83-11/09/92	9	3	
CANA0002	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/04/83-11/09/92	9	3	
CANA0002	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/04/83-01/08/91	8	2	
CANA0002	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	1	11	
CANA0016	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/13/78-02/13/78	0	1	
CANA0030	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	1	12	
CANA0045	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	1	12	
CANA0053	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	1	12	
CANA0058	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/04/83-01/08/91	8	2	
CANA0002	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	1	10	
CANA0015	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/02/92-12/14/92	0	4	
CANA0016	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/13/78-02/13/78	0	1	
CANA0030	No	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	1	11	
CANA0039	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	1	12	
CANA0045	No	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	1	11	
CANA0052	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	1	11	
CANA0053	No	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	1	11	
CANA0058	No	01042	COPPER, TOTAL (UG/L AS CU)	01/04/83-11/09/92	9	3	
CANA0002	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	1	11	
CANA0030	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/20/91-06/16/93	1	10	
CANA0039	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/20/91-06/16/93	1	10	
CANA0052	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/04/83-11/09/92	9	3	
CANA0015	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/02/92-12/14/92	0	4	
CANA0016	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/13/78-02/13/78	0	1	
CANA0058	No	01045	IRON, TOTAL (UG/L AS FE)	01/04/83-11/09/92	9	2	
CANA0002	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	1	11	
CANA0016	Yes	01051	LEAD, TOTAL (UG/L AS PB)	02/13/78-02/13/78	0	1	
CANA0030	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	1	12	
CANA0045	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	1	12	
CANA0053	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	1	12	
CANA0058	No	01051	LEAD, TOTAL (UG/L AS PB)	01/04/83-11/09/92	9	3	
CANA0002	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	1	11	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0045	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/04/83-11/09/92	9	3	
CANA0002	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	1	11	
CANA0030	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	1	12	
CANA0045	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	1	12	
CANA0053	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	1	12	
CANA0058	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/09/92-11/09/92	0	1	
CANA0058	No	01059	THALLIUM, TOTAL (UG/L AS TL)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	1	11	
CANA0030	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	1	12	
CANA0045	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	1	12	
CANA0053	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	1	12	
CANA0002	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	1	12	
CANA0002	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	1	11	
CANA0030	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	1	12	
CANA0045	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	1	12	
CANA0053	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	1	12	
CANA0058	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	1	11	
CANA0030	No	01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	1	12	
CANA0045	No	01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	1	12	
CANA0053	No	01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	1	12	
CANA0058	No	01077	SILVER, TOTAL (UG/L AS AG)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	1	11	
CANA0016	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	02/13/78-02/13/78	0	1	
CANA0030	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	1	12	
CANA0045	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	1	12	
CANA0053	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	1	12	
CANA0058	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/04/83-11/09/92	9	3	
CANA0058	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/04/83-11/09/92	9	3	
CANA0002	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	1	11	
CANA0030	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	1	12	
CANA0045	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	1	12	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0052	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	1	12	
CANA0053	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	1	12	
CANA0002	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	1	12	
CANA0002	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	1	8	
CANA0030	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	1	9	
CANA0039	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	1	9	
CANA0045	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	1	9	
CANA0052	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	1	9	
CANA0053	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	1	10	
CANA0002	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	1	11	
CANA0030	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	1	12	
CANA0045	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	1	12	
CANA0053	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	1	12	
CANA0058	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	1	11	
CANA0030	No	01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	1	12	
CANA0039	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	1	12	
CANA0045	No	01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	1	12	
CANA0052	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	1	12	
CANA0053	No	01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	1	12	
CANA0002	Yes	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	1	7	
CANA0030	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	1	7	
CANA0039	Yes	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	1	7	
CANA0045	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	1	7	
CANA0052	Yes	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	1	7	
CANA0053	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	1	7	
CANA0058	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/09/92-11/09/92	0	1	
CANA0058	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/09/92-11/09/92	0	1	
CANA0002	Yes	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	1	10	
CANA0030	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	1	11	
CANA0045	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	1	11	
CANA0053	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	1	12	
CANA0002	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	1	10	
CANA0030	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0039	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0045	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0052	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	1	11	
CANA0053	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	1	12	
CANA0058	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	01/04/83-11/09/92	9	2	
CANA0002	Yes	30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	1	4	
CANA0030	No	30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	1	4	
CANA0039	Yes	30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	1	4	
CANA0045	No	30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	1	4	
CANA0052	Yes	30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	1	4	
CANA0053	No	30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	1	4	
CANA0011	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/09/73-10/29/74	1	2	
CANA0016	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/13/78-02/13/78	0	1	
CANA0017	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/09/73-10/29/74	1	2	
CANA0021	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	55	
CANA0025	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	66	A
CANA0026	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	63	A
CANA0034	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	61	A
CANA0036	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/09/73-10/29/74	1	2	
CANA0041	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	57	
CANA0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	56	
CANA0048	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	55	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0049	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/29/74-10/29/74	0	1	
CANA0050	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	5	56	
CANA0054	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	5	60	A
CANA0056	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	5	60	A
CANA0058	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/05/82-10/05/82	0	1	
CANA0059	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	5	56	
CANA0061	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	5	58	
CANA0062	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	5	56	A
CANA0002	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	1	7	
CANA0010	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/22/71-11/20/73	2	15	
CANA0030	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	1	9	
CANA0039	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	1	8	
CANA0045	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	1	9	
CANA0052	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	1	8	
CANA0053	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	1	9	
CANA0058	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/70-06/02/70	0	1	
CANA0063	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/70-06/02/70	0	1	
CANA0007	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/17/88-10/17/88	0	1	
CANA0002	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	1	7	
CANA0011	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	1	2	
CANA0015	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/92-12/14/92	0	4	
CANA0016	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/78-02/13/78	0	1	
CANA0017	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	1	2	
CANA0021	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	54	
CANA0025	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	65	
CANA0026	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	61	
CANA0030	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	1	9	
CANA0034	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	60	
CANA0036	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	1	2	
CANA0039	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	1	8	
CANA0041	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	56	
CANA0043	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	55	
CANA0045	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	1	9	
CANA0048	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	54	
CANA0049	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/29/74-10/29/74	0	1	
CANA0050	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/15/95	5	55	
CANA0052	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	1	8	
CANA0053	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	1	9	
CANA0054	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	5	59	
CANA0056	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	5	59	
CANA0058	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/05/82-07/05/94	11	2	
CANA0059	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	5	55	
CANA0061	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	5	57	
CANA0062	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	5	55	
CANA0021	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	53	
CANA0025	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	64	
CANA0026	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	60	
CANA0034	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	59	
CANA0041	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	55	
CANA0043	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	54	
CANA0048	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	53	
CANA0050	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/15/95	5	54	
CANA0054	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	5	58	
CANA0056	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	5	58	
CANA0059	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	5	54	
CANA0061	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	5	56	
CANA0062	No	31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	5	54	
CANA0002	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	1	12	
CANA0003	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/06/92-02/10/92	0	2	
CANA0004	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-10/03/91	0	2	
CANA0005	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-06/02/92	0	8	
CANA0006	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/13/87-10/13/92	5	22	
CANA0007	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/87-04/13/92	5	17	
CANA0009	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/04/91-04/06/92	0	2	
CANA0012	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-05/05/92	0	4	
CANA0013	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/87-04/13/92	5	17	
CANA0014	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/02/92	0	6	
CANA0015	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/02/92-12/14/92	0	4	
CANA0016	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/13/78-04/22/80	2	3	
CANA0018	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/87-10/13/92	5	20	
CANA0021	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	32	
CANA0023	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/02/92	0	6	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0024	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/04/91-04/06/92	0	2	
CANA0025	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	37	
CANA0026	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	36	
CANA0028	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/06/91-05/05/92	0	4	
CANA0030	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	1	13	
CANA0031	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/02/92-04/06/92	0	2	
CANA0032	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-01/06/92	0	4	
CANA0034	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	2	33	
CANA0035	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/02/92	0	6	
CANA0039	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	1	13	
CANA0040	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-03/02/92	0	4	
CANA0041	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	33	
CANA0042	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/06/91-05/05/92	0	3	
CANA0043	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	30	
CANA0045	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	1	13	
CANA0046	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-06/02/92	0	5	
CANA0048	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	2	29	
CANA0050	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/15/95	2	31	
CANA0052	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	1	13	
CANA0053	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	1	13	
CANA0054	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	2	34	
CANA0056	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	2	34	
CANA0059	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	33	
CANA0061	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	35	
CANA0062	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	30	
CANA0011	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-07/20/87	3	5	
CANA0015	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/02/92-12/14/92	0	4	
CANA0016	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-04/14/87	3	4	
CANA0021	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	66	A
CANA0022	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-07/20/87	3	5	
CANA0025	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	72	A
CANA0026	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	71	A
CANA0034	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	70	A
CANA0036	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-07/20/87	3	5	
CANA0041	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	69	A
CANA0043	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	63	A
CANA0048	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	5	63	A
CANA0050	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	5	62	A
CANA0054	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	5	66	A
CANA0056	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	5	67	A
CANA0058	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/05/82-10/23/95	13	31	
CANA0059	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	5	64	A
CANA0061	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	5	68	A
CANA0062	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	5	63	A
CANA0006	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	3	14	
CANA0007	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/09/89-04/13/92	3	8	
CANA0013	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/17/88-04/13/92	3	9	
CANA0015	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/02/92-09/28/92	0	3	
CANA0016	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/13/78-04/22/80	2	3	
CANA0018	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	3	13	
CANA0021	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	32	
CANA0025	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	37	
CANA0026	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	36	
CANA0034	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	2	33	
CANA0041	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	33	
CANA0043	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	30	
CANA0048	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	2	29	
CANA0050	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/15/95	2	29	
CANA0054	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	2	32	
CANA0056	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	2	33	
CANA0059	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	32	
CANA0061	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	33	
CANA0062	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	29	
CANA0006	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	3	14	
CANA0007	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/09/89-04/13/92	3	8	
CANA0013	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	10/17/88-04/13/92	3	9	
CANA0015	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/02/92-09/28/92	0	3	
CANA0016	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/13/78-04/22/80	2	3	
CANA0018	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	3	13	
CANA0021	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	32	
CANA0025	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	37	
CANA0026	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	36	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0034	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	2	33	
CANA0041	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	33	
CANA0043	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	2	30	
CANA0048	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	2	29	
CANA0050	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/15/95	2	31	
CANA0054	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	2	33	
CANA0056	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	2	34	
CANA0059	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	33	
CANA0061	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	35	
CANA0062	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	2	30	
CANA0006	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/89-10/13/92	3	14	
CANA0007	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/89-04/13/92	3	8	
CANA0013	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/88-04/13/92	3	9	
CANA0015	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/02/92-12/14/92	0	4	
CANA0016	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/18/79-04/22/80	0	2	
CANA0018	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/89-10/13/92	3	13	
CANA0021	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	2	32	
CANA0025	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	2	37	
CANA0026	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	2	36	
CANA0034	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/09/93-08/15/95	2	33	
CANA0041	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	2	33	
CANA0043	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	2	30	
CANA0048	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/09/93-08/15/95	2	29	
CANA0050	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/15/95	2	30	
CANA0054	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/16/95	2	32	
CANA0056	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/16/95	2	33	
CANA0058	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/90-10/23/95	5	22	
CANA0059	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/16/95	2	33	
CANA0061	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/16/95	2	35	
CANA0062	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/16/95	2	30	
CANA0015	Yes	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/02/92-12/14/92	0	4	
CANA0058	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	10/05/82-07/19/83	0	4	
CANA0011	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	0	3	
CANA0016	Yes	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-04/14/87	0	2	
CANA0022	Yes	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	0	3	
CANA0036	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	0	3	
CANA0058	No	32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	0	3	
CANA0011	No	32230	CHLOROPHYLL A (MG/L)	10/09/73-10/09/73	0	1	
CANA0017	Yes	32230	CHLOROPHYLL A (MG/L)	10/09/73-10/09/73	0	1	
CANA0036	No	32230	CHLOROPHYLL A (MG/L)	10/09/73-10/09/73	0	1	
CANA0011	No	32231	CHLOROPHYLL B (MG/L)	10/09/73-10/09/73	0	1	
CANA0017	Yes	32231	CHLOROPHYLL B (MG/L)	10/09/73-10/09/73	0	1	
CANA0036	No	32231	CHLOROPHYLL B (MG/L)	10/09/73-10/09/73	0	1	
CANA0011	No	32232	CHLOROPHYLL C (MG/L)	10/09/73-10/09/73	0	1	
CANA0017	Yes	32232	CHLOROPHYLL C (MG/L)	10/09/73-10/09/73	0	1	
CANA0036	No	32232	CHLOROPHYLL C (MG/L)	10/09/73-10/09/73	0	1	
CANA0002	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	1	11	
CANA0030	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	1	12	
CANA0039	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	1	12	
CANA0045	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	1	12	
CANA0052	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	1	12	
CANA0053	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	1	12	
CANA0002	Yes	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-09/22/92	1	7	
CANA0030	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0039	Yes	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0045	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0052	Yes	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0053	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0002	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0030	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0045	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0053	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0030	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0045	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0053	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0030	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	1	4	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0039	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0045	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0053	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0030	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0045	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0053	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0030	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0045	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0053	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	1	4	
CANA0058	No	34480	THALLIUM DRY WGTBOTMG/KG	11/09/92-11/09/92	0	1	
CANA0002	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	1	4	
CANA0030	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	1	4	
CANA0039	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	1	4	
CANA0045	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	1	4	
CANA0052	Yes	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	1	4	
CANA0053	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	1	4	
CANA0002	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0030	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0030	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0030	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0039	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0045	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0052	Yes	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0053	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	1	4	
CANA0002	Yes	39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	1	4	
CANA0030	No	39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	1	4	
CANA0045	No	39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	1	4	
CANA0053	No	39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-02/03/92	0	3	
CANA0030	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-02/03/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0030	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0039	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0045	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0052	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0053	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	1	4	
CANA0002	Yes	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	1	6	
CANA0030	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	1	7	
CANA0039	Yes	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	1	7	
CANA0045	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	1	7	
CANA0052	Yes	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	1	6	
CANA0053	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	1	6	
CANA0015	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/02/92-12/14/92	0	4	
CANA0002	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	1	11	
CANA0030	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	1	12	
CANA0039	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	1	12	
CANA0045	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	1	12	
CANA0052	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	1	12	
CANA0053	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	1	12	
CANA0002	Yes	70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	1	10	
CANA0030	No	70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	1	11	
CANA0039	Yes	70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	1	11	
CANA0045	No	70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	1	11	
CANA0052	Yes	70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	1	11	
CANA0053	No	70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	1	12	
CANA0006	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/13/87-10/13/92	5	23	
CANA0007	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/12/87-04/13/92	5	22	
CANA0010	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/71-10/10/72	1	10	
CANA0011	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	0	1	
CANA0013	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/12/87-04/13/92	5	22	
CANA0017	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	0	1	
CANA0018	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/12/87-10/13/92	5	23	
CANA0036	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	0	1	
CANA0049	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	0	1	
CANA0058	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/13/72-12/13/72	0	1	
CANA0063	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/13/72-12/13/72	0	1	
CANA0003	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/06/92-02/10/92	0	2	
CANA0004	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-10/03/91	0	2	
CANA0005	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-06/02/92	0	8	
CANA0009	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/04/91-04/06/92	0	2	
CANA0012	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-05/05/92	0	4	
CANA0014	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-06/02/92	0	6	
CANA0021	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/13/92-01/12/93	0	6	
CANA0023	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-06/02/92	0	6	
CANA0024	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/04/91-04/06/92	0	2	
CANA0025	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/15/92-01/12/93	0	4	
CANA0026	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/13/92-01/12/93	0	7	
CANA0028	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	12/06/91-05/05/92	0	4	
CANA0031	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	03/02/92-04/06/92	0	2	
CANA0032	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-01/06/92	0	4	
CANA0034	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-01/12/93	0	5	
CANA0035	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-06/02/92	0	6	
CANA0040	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-03/02/92	0	4	
CANA0041	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/15/92-01/12/93	0	5	
CANA0042	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	12/06/91-05/05/92	0	3	
CANA0043	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-01/12/93	0	6	
CANA0046	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-06/02/92	0	5	
CANA0048	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-11/10/92	0	4	
CANA0050	Yes	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/13/92-01/11/93	0	5	
CANA0054	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-01/12/93	0	4	
CANA0056	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-11/10/92	0	3	
CANA0059	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/10/92-01/11/93	0	4	
CANA0061	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/14/92-01/11/93	0	3	
CANA0062	No	70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/10/92-01/11/93	0	8	
CANA0002	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	1	11	
CANA0016	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-02/13/78	0	1	
CANA0030	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	1	12	
CANA0039	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	1	12	
CANA0045	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	1	12	
CANA0052	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	1	12	
CANA0053	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	1	12	
CANA0058	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/04/83-11/09/92	9	3	
CANA0002	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-09/22/92	1	7	

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

Station/Parameter Period of Record Tabulation
From 08/09/56 To 10/23/95

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CANA0030	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0039	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0045	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0052	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0053	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	1	8	
CANA0058	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/04/83-11/09/92	9	3	
CANA0001	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/09/77-05/12/82	5	9	
CANA0001	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/09/77-09/11/90	13	21	T,S
CANA0002	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	1	11	
CANA0030	No	74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	1	12	
CANA0039	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	1	12	
CANA0045	No	74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	1	12	
CANA0052	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	1	12	
CANA0053	No	74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	1	12	
CANA0011	No	81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0016	Yes	81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0022	Yes	81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0036	No	81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0058	No	81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	0	1	
CANA0002	Yes	81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	1	10	
CANA0030	No	81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	1	11	
CANA0039	Yes	81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	1	11	
CANA0045	No	81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	1	11	
CANA0052	Yes	81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	1	11	
CANA0053	No	81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	1	12	
CANA0002	Yes	81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	1	10	
CANA0030	No	81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	1	11	
CANA0039	Yes	81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	1	11	
CANA0045	No	81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	1	11	
CANA0052	Yes	81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	1	11	
CANA0053	No	81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	1	12	
CANA0002	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	1	10	
CANA0030	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	1	11	
CANA0039	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	1	11	
CANA0045	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	1	11	
CANA0052	Yes	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	1	11	
CANA0053	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	1	12	
CANA0002	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	1	11	
CANA0006	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/90-10/13/92	2	9	
CANA0007	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/88-04/13/92	3	15	
CANA0013	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/14/91-04/13/92	1	6	
CANA0015	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/02/92-12/14/92	0	4	
CANA0018	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/12/87-10/13/92	5	16	
CANA0030	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	1	12	
CANA0039	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	1	12	
CANA0045	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	1	12	
CANA0052	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	1	12	
CANA0053	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	1	12	
CANA0058	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/90-10/23/95	5	21	
CANA0016	Yes	82246	NATURAL SUBSTRATE,DIVERSITY INDEX	02/13/78-06/26/80	2	2	
CANA0016	Yes	82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	02/13/78-06/26/80	2	2	
CANA0002	Yes	82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	1	10	
CANA0030	No	82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	1	10	
CANA0039	Yes	82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	1	10	
CANA0045	No	82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	1	10	
CANA0052	Yes	82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	1	10	
CANA0053	No	82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	1	11	
CANA0006	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	5	78	A
CANA0007	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	5	75	A
CANA0013	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	5	77	A
CANA0015	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/02/92-12/14/92	0	3	
CANA0018	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	5	72	
CANA0016	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	02/25/77-06/26/80	3	3	
CANA0022	Yes	83500	SAMPLE, AREA SQUARE CENTIMETERS	12/06/83-04/14/87	3	12	
CANA0001	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/08/77-09/11/90	13	22	
CANA0019	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/09/56-08/09/56	0	1	
CANA0001	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/08/77-09/11/90	13	22	
CANA0019	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/09/56-08/09/56	0	1	

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

Station-By-Station Results

Station Inventory for Station: CANA0001

NPS Station ID: CANA0001 LAT/LON: 28.643059/ -80.712504 Agency: 112WRD Date Created: 04/14/78
Location: 838042002 21S36E27 MERRITT ISLE WILDLIFE FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 283835080424501
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080202 Depth of Water: 0 Aquifer:
Major Basin: C Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:

Parameter Inventory for Station: CANA0001

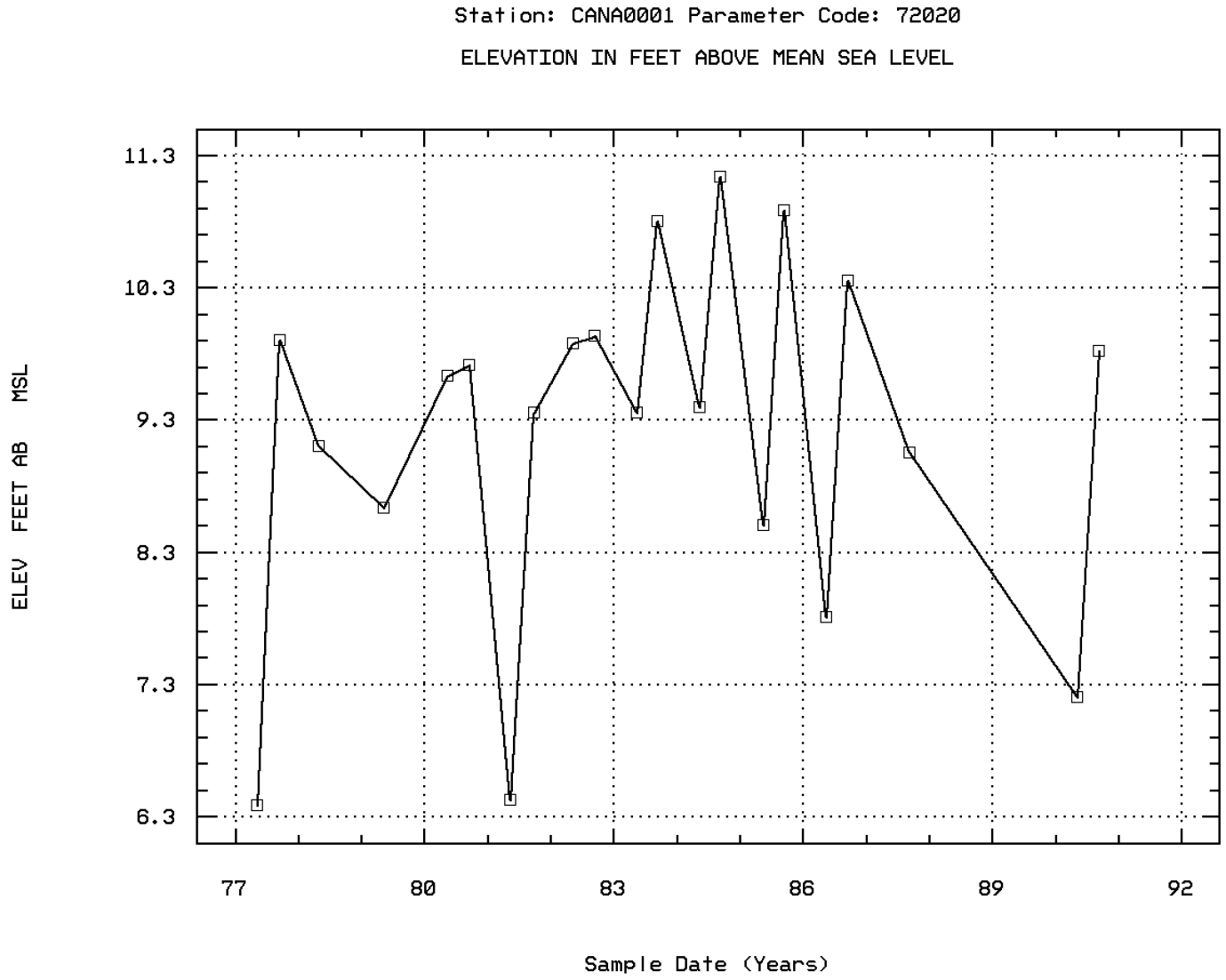
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/77-04/08/77	1	10200.	10200.	10200.	10200.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/77-04/08/77	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	05/09/77-05/12/82	9	-4.35	-3.471	1.38	-4.9	4.48	2.117	1.38	-2.525	-4.795	-4.9
72020p	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/09/77-09/11/90	21	9.39	9.201	11.14	6.38	1.766	1.329	6.576	8.565	9.915	10.864

** - 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: CANA0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
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



838042002 21S36E27 MERRITT ISLE WILDLIF

Seasonal Analysis for Season #3: 3/15 to 5/31 - Station CANA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72020p	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/09/77-09/11/90	11	8.63	8.39	9.88	6.38	1.593	1.262	6.388	7.2	9.39	9.83

** - 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

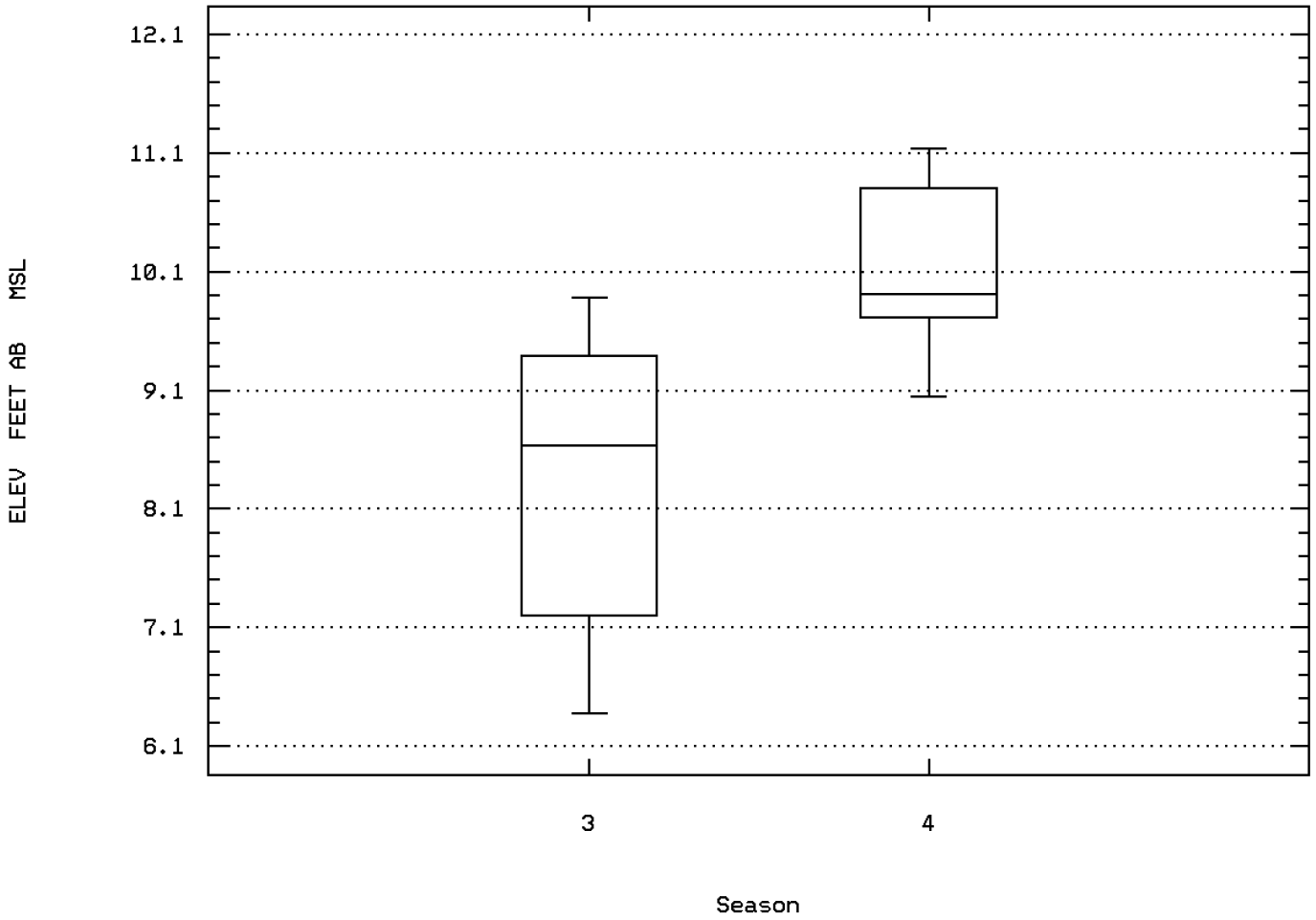
Seasonal Analysis for Season #4: 6/01 to 9/30 - Station CANA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72020p	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	05/09/77-09/11/90	10	9.915	10.093	11.14	9.05	0.467	0.684	9.08	9.62	10.82	11.114

** - 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

Station: CANA0001 Parameter Code: 72020

ELEVATION IN FEET ABOVE MEAN SEA LEVEL



838042002 21S36E27 MERRITT ISLE WILDLIF

Station Inventory for Station: CANA0002

NPS Station ID: CANA0002
LAT/LON: 28.687198/ -80.674782
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 1
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE WATER STATION THAT HAS BEEN IN PLACE NEAR GALLINIPPER POINT FOR THE KENNEDY SPACE CENTER LONG-TERM MONITORING PROGRAM. IT IS BELIEVED TO BE INDICATIVE OF BACKGROUND CONDITIONS

Parameter Inventory for Station: CANA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	10	22.95	24.03	32.1	14.	38.329	6.191	14.3	19.1	29.7	32.04
00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	9	65.	59.444	100.	0.	1465.278	38.279	0.	25.	100.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	10	17.5	14.5	20.	2.5	51.111	7.149	2.5	8.125	20.	20.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	10	46200.	43940.	51700.	28000.	58893777.778	7674.228	28450.	41125.	49600.	51520.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	10	45400.	45613.	52400.	40230.	13218356.667	3635.706	40417.	42925.	48250.	52120.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	10	6.45	6.54	8.8	3.6	2.676	1.636	3.75	5.475	8.075	8.78
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	10	1.	1.85	5.	0.5	2.003	1.415	0.55	1.	3.	4.8
00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	10	718.5	1791.3	9300.	355.	7517331.344	2741.775	370.5	584.25	1552.5	8667.
00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	10	8.55	8.56	9.	8.2	0.069	0.263	8.21	8.3	8.8	8.98
00403	CONVERTED PH, LAB, STANDARD UNITS	07/23/91-06/16/93	10	8.547	8.493	9.	8.2	0.074	0.273	8.21	8.3	8.8	8.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	10	0.003	0.003	0.006	0.001	0.	0.002	0.001	0.002	0.005	0.006
00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	8	8.15	8.25	8.9	7.8	0.117	0.342	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/23/91-06/16/93	8	8.147	8.151	8.9	7.8	0.128	0.358	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	8	0.007	0.007	0.016	0.001	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	10	141.	140.1	165.	111.	280.1	16.736	111.9	126.75	155.	164.3
00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	10	30.1	30.08	34.	24.	7.562	2.75	24.45	28.8	32.45	33.86
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	10	33.5	33.	53.	16.	93.111	9.649	16.8	28.5	36.25	51.7
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	9	1.29	1.178	2.73	0.25	0.806	0.898	0.25	0.35	1.855	2.73
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-09/22/92	7	47.5	223.601	779.22	7.94	101726.609	318.946	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	10	0.17	0.158	0.27	0.01	0.009	0.095	0.014	0.073	0.253	0.269
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	10	7.59	14.784	39.6	2.24	205.057	14.32	2.304	2.978	26.27	39.248
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	10	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.019
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	8	0.21	0.231	0.48	0.005	0.024	0.156	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	10 ##	0.01	0.062	0.31	0.005	0.011	0.105	0.005	0.009	0.073	0.299
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	10	2.54	2.784	7.69	0.09	6.611	2.571	0.099	0.471	4.46	7.544
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	10	0.985	0.935	1.4	0.05	0.184	0.429	0.1	0.678	1.3	1.393
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	10	682.695	631.335	1040.	150.07	81625.68	285.702	151.106	465.808	812.75	1021.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	10 ##	0.015	0.023	0.04	0.01	0.	0.013	0.01	0.01	0.04	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	10	0.045	0.081	0.21	0.03	0.004	0.063	0.03	0.038	0.123	0.205
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	10	66.1	201.24	1250.	13.6	143912.834	379.358	13.78	16.15	198.875	1154.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	10	2.35	2.54	5.	1.5	1.105	1.051	1.5	1.65	3.075	4.83

** - 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 time series plot

Parameter Inventory for Station: CANA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	10	280.	299.8	421.	210.	6667.733	81.656	210.2	227.75	389.25	419.7
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	10	33696.15	53312.69	134000.	19480.61	400789097.608	37427.117	19587.15	26720.775	80775.5	129530.
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	10	2564.275	2555.262	4357.86	1515.15	784574.678	885.762	1519.635	1758.75	3193.25	4248.374
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	10	930.	956.9	1190.	810.	19296.1	138.91	810.1	815.5	1045.	1189.
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	10	355.5	360.6	462.	225.	3806.044	61.693	236.1	340.5	399.5	457.4
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	10	542.7	1132.915	5901.84	10.	2991311.852	1729.541	37.69	329.275	1120.855	5468.656
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	10	2545.	2487.6	2940.	2093.	61386.711	247.763	2106.7	2236.	2625.	2910.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	9	## 25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	10	## 5.45	5.059	8.5	0.92	7.367	2.714	0.982	2.89	7.294	8.403
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	10	0.315	0.506	2.2	0.1	0.368	0.607	0.113	0.245	0.5	2.03
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	10	0.19	0.205	0.4	0.08	0.011	0.103	0.081	0.128	0.285	0.39
01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	10	3090.	3166.	5980.	250.	2052826.667	1432.769	477.	2587.5	3877.5	5784.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	10	## 14.253	14.575	33.1	1.2	102.528	10.126	1.695	6.949	19.82	32.768
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	10	0.2	0.87	6.	0.05	3.346	1.829	0.05	0.088	0.775	5.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	10	0.06	0.076	0.28	0.005	0.006	0.08	0.005	0.024	0.103	0.263
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	10	5.83	9.894	28.78	3.41	79.899	8.939	3.449	4.303	14.04	28.272
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	10	12.5	33.4	227.	5.	4667.6	68.32	5.	5.75	20.	206.3
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	9	## 15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	11	## 4.21	4.727	12.11	0.62	10.034	3.168	0.94	2.33	4.95	11.42
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	10	## 1.5	8.25	44.	1.5	185.014	13.602	1.5	1.5	10.125	41.4
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	10	2.085	2.634	10.2	0.05	8.766	2.961	0.05	0.867	2.798	9.648
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	10	17.715	20.135	44.6	10.48	98.557	9.928	10.596	13.905	21.993	42.997
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	10	## 10.	11.2	22.	10.	14.4	3.795	10.	10.	10.	20.8
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	10	## 100.	120.	300.	100.	4000.	63.246	100.	100.	100.	280.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	10	## 21.795	20.264	33.5	8.	108.592	10.421	8.	8.	29.173	33.161
01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	10	## 17.5	36.8	174.	0.5	3178.733	56.38	0.5	0.5	47.75	166.1
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	10	2.04	1.981	4.95	0.07	2.942	1.715	0.073	0.138	3.503	4.809
01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	10	1.35	3.85	15.	0.2	34.836	5.902	0.21	0.525	5.175	15.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	10	## 3.273	2.798	4.95	0.005	3.623	1.903	0.005	0.931	4.376	4.907
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	10	## 7.5	12.6	49.	5.	186.933	13.672	5.	5.	14.	46.1
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	10	## 100.	90.1	100.	1.	980.1	31.307	10.9	100.	100.	100.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	10	## 21.795	20.099	33.5	7.45	113.16	10.638	7.45	7.45	29.173	33.161
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	8	## 140.588	113.898	179.9	28.	3895.809	62.416	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	10	169.5	435.2	2600.	50.	599484.4	774.264	50.	50.	387.5	2390.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	10	2473.89	2949.833	5931.95	860.	3623263.1	1903.487	875.01	1505.025	5079.715	5924.755
01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	10	## 705.	882.	2010.	400.	326573.333	571.466	400.	400.	1330.	1948.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	7	## 71.43	114.081	380.	62.	13764.524	117.322	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	10	0.01	0.013	0.05	0.005	0.	0.013	0.005	0.009	0.01	0.046
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	10	1906.43	2148.543	4030.	1105.34	928519.216	963.597	1120.806	1391.25	2564.993	3990.636
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	7	11.	41.5	160.	5.5	3723.5	61.02	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/19/91-06/16/93	7	1.041	1.21	2.204	0.74	0.379	0.616	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.228								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	7	## 5.	18.571	50.	5.	464.286	21.547	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	7	## 0.699	1.028	1.699	0.699	0.222	0.472	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.658								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	10	3.65	4.148	9.3	0.75	9.018	3.003	0.75	1.688	7.01	9.17
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	10	74.	79.6	127.	47.	483.378	21.986	48.5	68.	93.75	124.2
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-09/22/92	7	0.05	0.244	0.91	0.	0.139	0.373	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	4	## 0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	4	## 0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	4	## 0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	4	## 0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	4	## 0.002	0.311	1.24	0.002	0.383	0.619	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	4	## 0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-02/03/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-02/03/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	6	0.077	0.063	0.136	0.001	0.003	0.053	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	10	31300.	31106.	35100.	25960.	11728804.444	3424.734	26064.	27525.	34575.	35070.
70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	10	7.55	7.56	8.2	6.8	0.129	0.36	6.85	7.45	7.725	8.16
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	10	7.547	7.408	8.2	6.8	0.155	0.394	6.85	7.45	7.725	8.16
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/91-06/16/93	10	0.028	0.039	0.158	0.006	0.002	0.044	0.007	0.019	0.036	0.148
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-09/22/92	7 ##	0.03	0.037	0.06	0.015	0.	0.017	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	10	0.07	0.129	0.41	0.02	0.024	0.154	0.02	0.02	0.215	0.41
81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	10	1.294	1.145	1.95	0.04	0.414	0.644	0.059	0.629	1.601	1.948
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	10	0.065	0.058	0.071	0.033	0.	0.016	0.033	0.036	0.07	0.071
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	10	1801.95	4339.15	11544.	721.5	17086919.787	4133.633	746.39	1189.85	8661.425	11368.22
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	10	2.5	3.34	6.5	1.6	3.274	1.809	1.61	1.775	5.	6.38
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	10 ##	37.69	36.944	74.525	0.9	1316.157	36.279	0.909	1.838	71.43	74.216

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

EPA Water Quality Criteria Analysis for Station: CANA0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	1	0.10	1	0	0.00	3	0	0.00	2	1	0.50	4	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	10	1	0.10	1	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Hi Lim.	9.	8	0	0.00				2	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00				2	0	0.00	2	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Marine Acute	69.	9	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01067	NICKEL, TOTAL	Marine Acute	75.	10	2	0.20	1	0	0.00	2	0	0.00	2	1	0.50	5	1	0.20
01077	SILVER, TOTAL	Marine Acute	0.12	8 &	8	1.00	1	1	1.00	2	2	1.00	1	1	1.00	4	4	1.00
01092	ZINC, TOTAL	Marine Acute	95.	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	10	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00

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

Station Inventory for Station: CANA0003

NPS Station ID: CANA0003
LAT/LON: 28.707504/ -80.714531
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 1A
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_1A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE WESTERN MOST STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS ON THE WEST EDGE OF THE LAGOON ALONG THE OUTER EDGE OF THE SUBMERGED AQUATIC VEGETATION IN SHALLOW WATER.

Parameter Inventory for Station: CANA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	01/06/92-02/10/92	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/92-02/10/92	2	39.5	39.5	43.	36.	24.5	4.95	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/06/92-02/10/92	2 ##	3.	3.	4.	2.	2.	1.414	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	01/06/92-02/10/92	2	-0.551	-0.551	-0.484	-0.618	0.009	0.095	**	**	**	**

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

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

Station Inventory for Station: CANA0004

NPS Station ID: CANA0004 | LAT/LON: 28.707754/ -80.706420 | Agency: 11NPSWRD | Date Created: 11/25/95
Location: STATION 1B | | FIPS State/County: 12009 FLORIDA/BREVARD |
Station Type: /TYPA/AMBNT/ESTURY | | STORET Station ID(s): CANA_1B |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | | |
HUC: 03080202 | Depth of Water: 0 | Aquifer: | |
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id: | |
Minor Basin: FLORIDA EAST COAST AREA | | ECO Region: | |
RF1 Index: 03080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1: |
RF3 Index: 03080202000304.99 | RF3 Mile Point: 12.19 | Distance from RF3: 0.25 | On/Off RF3: |

Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE MIDDLE STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS IN THE CENTRAL BASIN OF THE LAGOON WHERE NO SEAGRASS WAS OBSERVED AND WATER DEPTH LIKELY EXCEEDED 2 METERS. DATA

Parameter Inventory for Station: CANA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-10/03/91	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-10/03/91	2	37.	37.	50.	24.	338.	18.385	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-10/03/91	2	7.15	7.15	11.	3.3	29.645	5.445	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-10/03/91	2	-0.827	-0.827	-0.695	-0.959	0.035	0.187	**	**	**	**

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

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

Station Inventory for Station: CANA0005

NPS Station ID: CANA0005
LAT/LON: 28.708226/ -80.696892
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 1C
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_1C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE EASTERN MOST STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS ON THE EAST EDGE OF THE LAGOON ALONG THE OUTER EDGE OF THE SUBMERGED AQUATIC VEGETATION IN SHALLOW WATER.

Parameter Inventory for Station: CANA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-06/02/92	8	17.5	20.	40.	5.	178.571	13.363	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-06/02/92	8	44.	43.	57.	22.	120.	10.954	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-06/02/92	8	4.65	6.213	20.	2.	33.327	5.773	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-06/02/92	8	-1.088	-1.214	-0.599	-2.169	0.382	0.618	**	**	**	**

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

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

Station Inventory for Station: CANA0006

NPS Station ID: CANA0006 LAT/LON: 28.716670/ -80.716670 Agency: 21FLONRM Date Created: 01/28/89
Location: ML_02: MIDWAY BETWEEN SHORES 2km S OF HAULOVER FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: 7TYPA/AMBNT/ESTURY STORET Station ID(s): 27011730
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202 Depth of Water: 6 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
DEPTH 2.0m; SALINITY 16 - 42, 32ppt; SEDIMENT SAND/SHELL/MUD ~0.200mm; VEGETATION - NONE; POINT - NONE; NONPOINT - AGRICULTURE; DEVELOPMENT - 1; OVERALL - GOOD

Parameter Inventory for Station: CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	56	23.2	22.955	30.4	11.6	26.923	5.189	14.94	19.625	27.875	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	78	24.5	24.009	31.3	11.1	25.594	5.059	16.	20.	29.	30.
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	70	10.	20.2	100.	0.	626.742	25.035	0.	5.	26.25	68.
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	70	5.	7.014	20.	0.	23.319	4.829	0.5	5.	10.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	78	1.2	1.154	2.3	0.1	0.195	0.442	0.5	0.9	1.5	1.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	56	6.6	6.566	9.4	3.7	1.535	1.239	5.07	5.65	7.475	8.33
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	51	8.3	8.265	8.64	7.66	0.034	0.183	7.946	8.21	8.36	8.47
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	51	8.3	8.221	8.64	7.66	0.036	0.189	7.946	8.21	8.36	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	51	0.005	0.006	0.022	0.002	0.	0.003	0.003	0.004	0.006	0.011
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	55	32.	31.115	39.5	19.	17.82	4.221	26.	28.5	34.	35.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/90-10/13/92	9	40.	39.333	77.	17.	276.75	16.636	17.	29.5	44.	77.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/13/87-10/13/92	24	1.105	1.111	2.05	0.25	0.129	0.359	0.66	0.888	1.3	1.485
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/87-10/13/92	24	0.028	0.038	0.155	0.015	0.001	0.032	0.019	0.021	0.039	0.087
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/13/87-10/13/92	22	4.51	6.613	30.6	0.5	48.399	6.957	1.45	2.28	7.413	17.56
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	14 ##	0.5	1.185	2.93	0.5	0.898	0.947	0.5	0.5	1.995	2.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	14	1.65	3.721	11.3	0.5	15.13	3.89	0.5	0.5	7.625	10.1
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/89-10/13/92	14	7.7	11.914	55.5	0.5	229.052	15.134	0.5	0.5	18.875	38.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/13/87-10/13/92	23	0.016	0.024	0.097	0.005	0.001	0.024	0.005	0.013	0.025	0.072
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/90-10/13/92	9	3.	5.144	15.	1.3	18.425	4.292	1.3	2.25	7.	15.
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	78	2.	2.045	2.5	1.5	0.055	0.234	1.8	1.8	2.125	2.4

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

EPA Water Quality Criteria Analysis for Station: CANA0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	56	2	0.04	15	1	0.07	11	0	0.00	12	0	0.00	18	1	0.06
00400	PH	Other-Hi Lim.	9.	51	0	0.00	15	0	0.00	10	0	0.00	10	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00	15	0	0.00	10	0	0.00	10	0	0.00	16	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	9	0	0.00	2	0	0.00	2	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

Annual Analysis for 1987 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	4	22.1	22.175	30.	14.5	40.589	6.371	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	8	21.75	21.625	30.	13.	44.196	6.648	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	2	45.	45.	45.	45.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	8	0.9	0.9	1.2	0.6	0.051	0.227	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	4	6.95	6.85	8.5	5.	2.19	1.48	**	**	**	**
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	2	8.095	8.095	8.34	7.85	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	2	8.029	8.029	8.34	7.85	0.129	0.359	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	2	0.009	0.009	0.014	0.005	0.	0.007	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	4	30.5	28.75	35.	19.	46.917	6.85	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	8	1.95	2.025	2.4	1.8	0.071	0.266	**	**	**	**

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

Annual Analysis for 1988 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	6	21.5	20.267	29.	11.6	38.027	6.167	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	10	24.05	22.82	29.	11.1	40.633	6.374	11.59	16.	28.25	29.
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	8	10.	11.25	20.	0.	62.5	7.906	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	8	5.	6.25	10.	5.	5.357	2.315	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	10	1.15	1.05	1.5	0.3	0.178	0.422	0.3	0.9	1.275	1.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	6	7.1	7.2	8.4	6.2	0.64	0.8	**	**	**	**
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	5	8.3	8.39	8.56	8.25	0.023	0.152	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	5	8.3	8.37	8.56	8.25	0.024	0.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	5	0.005	0.004	0.006	0.003	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	6	34.5	33.333	36.	27.	10.667	3.266	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	10	1.8	1.87	2.1	1.7	0.027	0.164	1.7	1.775	2.1	2.1

** - 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 1989 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	11	23.5	24.145	30.	15.5	22.149	4.706	16.24	20.2	29.	29.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	14	26.1	25.893	29.5	19.5	10.595	3.255	20.7	22.875	29.075	29.5
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	14	5.	9.286	50.	0.	164.835	12.839	0.	3.75	15.	32.5
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	14	5.	4.643	10.	0.	5.632	2.373	0.	5.	5.	7.5
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	14	0.9	1.05	1.5	0.6	0.093	0.306	0.7	0.875	1.425	1.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	11	6.3	6.345	9.	3.7	2.425	1.557	3.86	5.3	7.6	8.76
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	9	8.36	8.35	8.47	8.22	0.007	0.081	8.22	8.28	8.4	8.47
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	9	8.36	8.343	8.47	8.22	0.007	0.082	8.22	8.28	8.4	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	9	0.004	0.005	0.006	0.003	0.	0.001	0.003	0.004	0.005	0.006
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	11	29.5	30.409	34.5	26.	9.491	3.081	26.2	28.	34.	34.4
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	14	2.05	1.993	2.3	1.8	0.027	0.164	1.8	1.8	2.1	2.2

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

Annual Analysis for 1990 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	12	25.	24.225	30.4	14.1	25.255	5.025	15.72	20.125	28.625	30.34
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	15	25.5	25.407	31.3	14.7	21.182	4.602	18.18	23.	30.	31.24

** - 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 1990 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	15	10.	14.667	75.	0.	340.952	18.465	0.	5.	15.	48.
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	15	5.	6.667	15.	5.	9.524	3.086	5.	5.	10.	12.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	15	1.2	1.28	2.	0.4	0.192	0.438	0.52	1.1	1.7	1.88
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	12	6.3	6.625	9.4	5.1	1.588	1.26	5.19	5.825	7.325	9.1
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	12	8.155	8.092	8.3	7.66	0.042	0.206	7.723	7.898	8.265	8.294
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	12	8.155	8.042	8.3	7.66	0.045	0.212	7.723	7.897	8.265	8.294
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	12	0.007	0.009	0.022	0.005	0.	0.005	0.005	0.005	0.013	0.019
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	11	34.	33.636	36.	28.5	5.255	2.292	29.1	31.5	35.	36.
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	15	2.	1.98	2.3	1.5	0.045	0.211	1.62	1.8	2.1	2.3

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

Annual Analysis for 1991 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	12	23.65	21.908	28.8	14.8	29.31	5.414	14.8	15.75	26.45	28.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	16	24.5	24.219	31.	15.	32.632	5.712	15.7	18.125	29.	30.3
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	16	17.5	26.188	100.	0.	887.363	29.789	0.	2.	40.	86.
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	16	7.5	7.188	15.	0.	23.229	4.82	0.	5.	10.	15.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	16	1.4	1.331	2.3	0.5	0.222	0.471	0.71	1.	1.5	2.09
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	12	6.5	6.717	8.3	5.1	1.251	1.118	5.19	5.725	7.925	8.27
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	12	8.3	8.315	8.64	8.16	0.014	0.117	8.181	8.255	8.338	8.562
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	12	8.3	8.303	8.64	8.16	0.014	0.117	8.181	8.255	8.337	8.562
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	12	0.005	0.005	0.007	0.002	0.	0.001	0.003	0.005	0.006	0.007
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	12	32.75	31.208	39.5	21.	26.703	5.167	22.5	27.625	33.5	39.05
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	16	2.15	2.144	2.5	1.5	0.077	0.278	1.71	2.	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

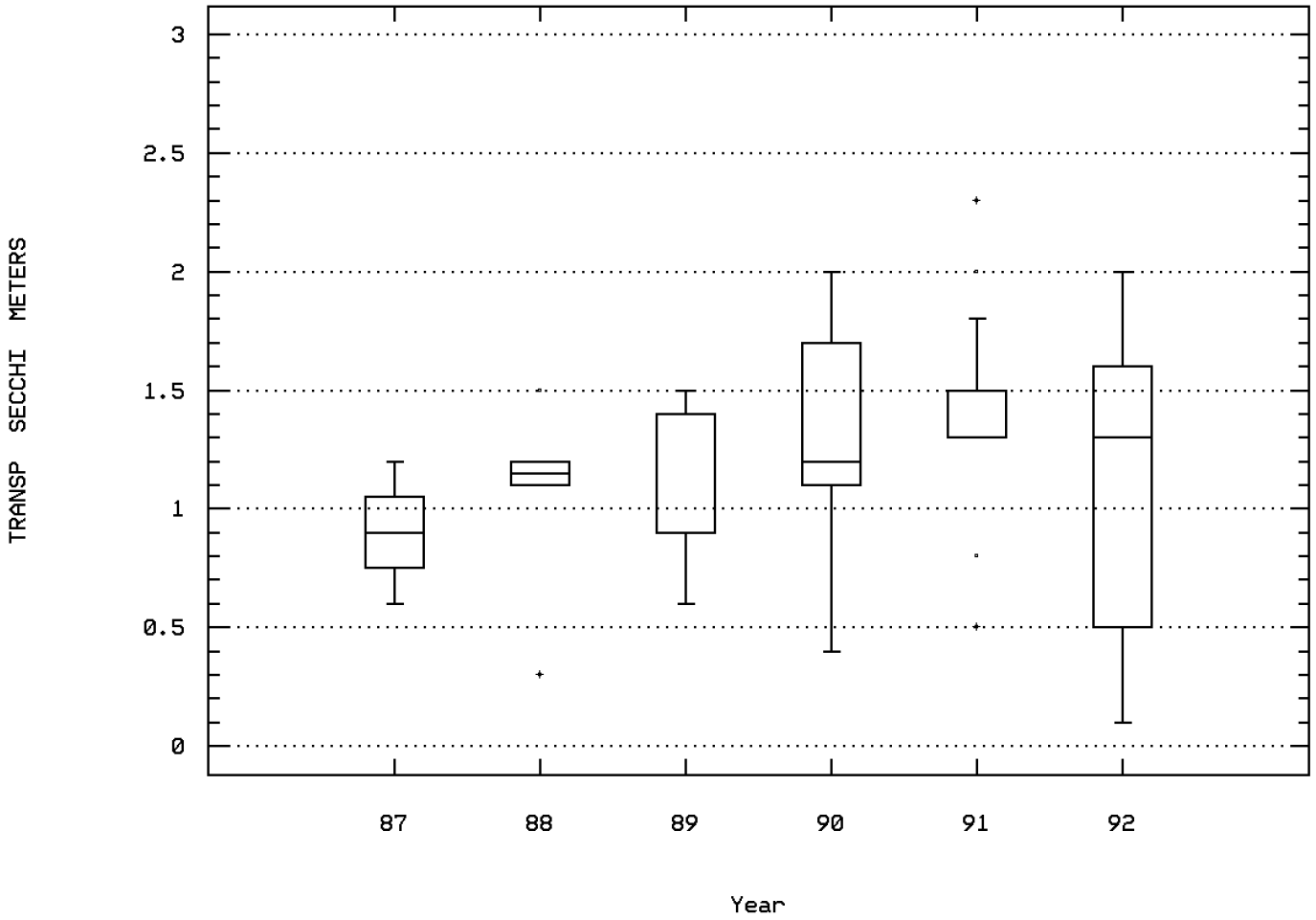
Annual Analysis for 1992 - Station CANA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/13/87-12/14/92	11	22.7	23.273	29.5	15.2	25.216	5.022	15.32	20.6	29.3	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/13/87-12/14/92	15	24.	22.693	29.	16.	14.761	3.842	16.96	19.6	25.	29.
00032	CLOUD COVER (PERCENT)	04/20/87-12/14/92	15	20.	31.	100.	0.	1161.429	34.08	3.	5.	70.	88.
00035	WIND VELOCITY (MILES PER HOUR)	04/20/87-12/14/92	15	5.	8.733	20.	0.	54.21	7.363	0.	5.	20.	20.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/13/87-12/14/92	15	1.3	1.14	2.	0.1	0.307	0.554	0.22	0.5	1.6	1.76
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/13/87-12/14/92	11	6.2	6.109	7.6	3.8	1.333	1.155	4.04	5.3	7.1	7.54
00400	PH (STANDARD UNITS)	01/13/87-12/14/92	11	8.35	8.305	8.5	8.05	0.019	0.138	8.076	8.18	8.42	8.494
00400	CONVERTED PH (STANDARD UNITS)	01/13/87-12/14/92	11	8.35	8.284	8.5	8.05	0.02	0.14	8.076	8.18	8.42	8.494
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/13/87-12/14/92	11	0.004	0.005	0.009	0.003	0.	0.002	0.003	0.004	0.007	0.008
00480	SALINITY - PARTS PER THOUSAND	01/13/87-12/14/92	11	29.	28.845	34.	21.	14.293	3.781	21.5	28.	31.	33.8
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/13/87-12/14/92	15	2.1	2.18	2.5	2.	0.036	0.19	2.	2.	2.4	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: CANA0006 Parameter Code: 00078

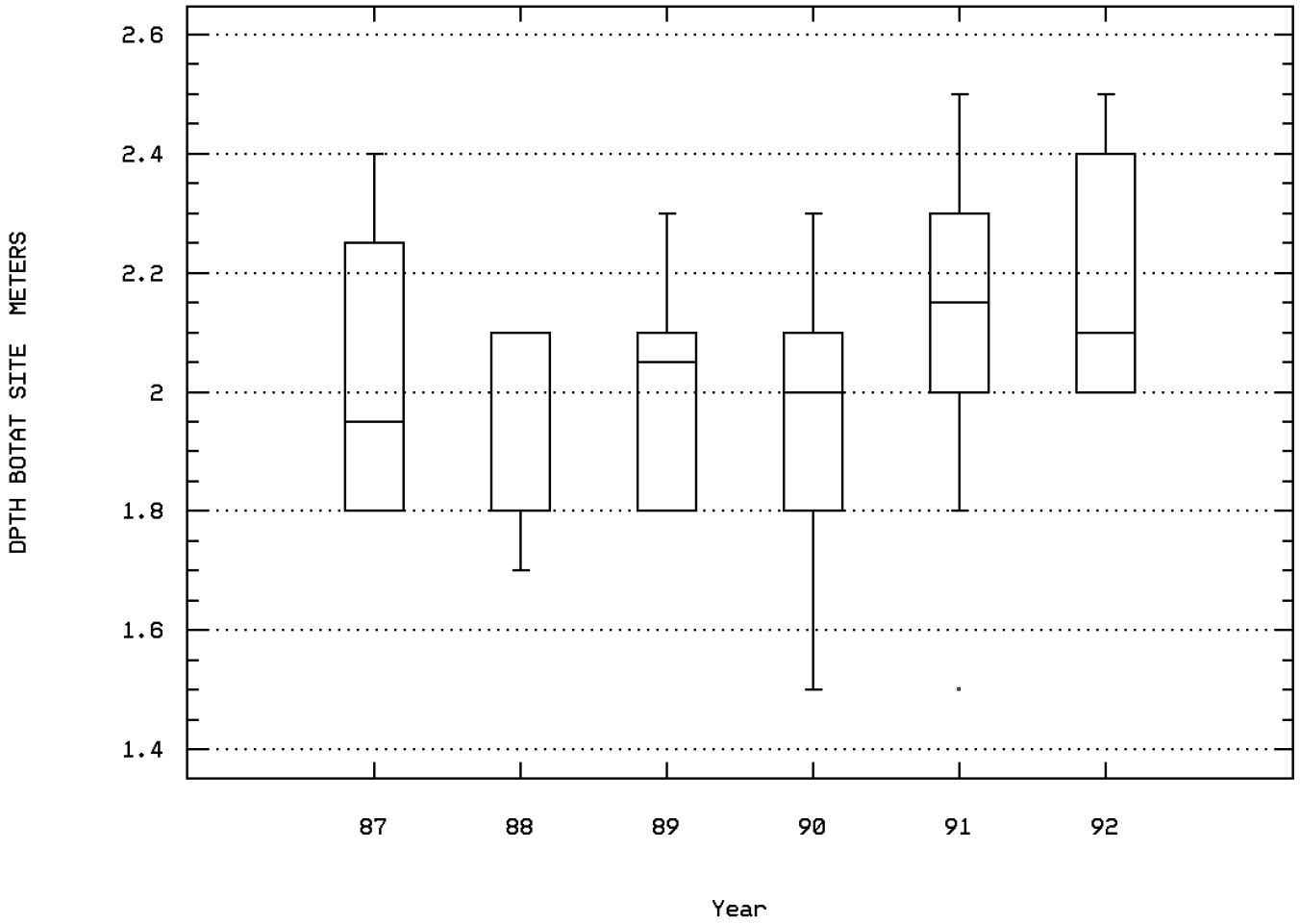
TRANSPARENCY, SECCHI DISC (METERS)



ML_02: MIDWAY BETWEEN SHORES 2km S OF H

Station: CANA0006 Parameter Code: 82903

DEPTH OF BOTTOM OF WATER BODY @ SAMPLE



ML_02: MIDWAY BETWEEN SHORES 2km S OF H

Station Inventory for Station: CANA0007

NPS Station ID: CANA0007 LAT/LON: 28.716670/ -80.771671 Agency: 21FLONRM Date Created: 05/01/93
Location: I_04: 300 m S. CM 3,ICW E. HAULOVER AT 3RD ISL FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 27011734
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080202 Depth of Water: 6 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
WATER DEPTH = 1.8m; SALINITY 24 - 34, 28ppt; SEDIMENT - SHELL/SAND/MUD 300mm; POINT SOURCES - NONE; NON-POINT - AGRICULTURE (GROVES);
VEGETATION - SPARSE, Gracilaria spp., Acanthophora sp. DEVELOPMENT - 1; OVERALL - GOOD

Parameter Inventory for Station: CANA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	60	23.25	23.125	30.5	13.	25.827	5.082	15.	20.025	27.875	29.19
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/14/88-07/13/92	51	25.1	25.067	34.3	14.7	19.938	4.465	19.6	22.	29.	30.72
00032	CLOUD COVER (PERCENT)	11/14/88-07/13/92	51	15.	22.843	100.	0.	586.975	24.228	0.	8.	30.	50.
00035	WIND VELOCITY (MILES PER HOUR)	11/14/88-07/13/92	51	5.	5.902	20.	0.	22.73	4.768	1.2	2.	7.	14.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	75	1.5	1.478	2.25	0.53	0.179	0.423	0.91	1.22	1.83	2.
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/88-01/08/90	6	10.	12.5	20.	10.	17.5	4.183	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	60	6.4	6.623	9.9	4.4	1.794	1.339	4.9	5.6	7.4	8.76
00400	PH (STANDARD UNITS)	01/12/87-07/13/92	51	8.31	8.32	8.69	7.9	0.026	0.162	8.138	8.24	8.4	8.54
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-07/13/92	51	8.31	8.29	8.69	7.9	0.027	0.164	8.138	8.24	8.4	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-07/13/92	51	0.005	0.005	0.013	0.002	0.	0.002	0.003	0.004	0.006	0.007
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	60	31.5	30.075	39.	14.8	32.111	5.667	19.85	27.125	34.375	36.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/88-04/13/92	15	8.	15.333	51.	2.	235.952	15.361	3.8	5.	27.	43.2
00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	01/12/87-10/26/87	4	0.1	0.075	0.1	0.	0.003	0.05	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/12/87-04/13/92	22	0.98	1.148	3.8	0.2	0.492	0.701	0.626	0.768	1.3	1.84
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/17/88-07/10/90	8	0.01	0.025	0.05	0.01	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/87-04/13/92	22	0.036	0.042	0.18	0.016	0.001	0.034	0.017	0.024	0.05	0.06
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/17/88-10/17/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	10/17/88-10/17/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/87-04/13/92	17	5.2	8.729	48.36	0.5	127.513	11.292	1.14	2.975	10.225	24.392
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/09/89-04/13/92	8	1.045	1.553	3.9	0.47	1.63	1.277	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/09/89-04/13/92	8 ##	1.8	3.9	9.8	0.5	17.277	4.157	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/89-04/13/92	8 ##	4.8	11.3	34.6	0.5	185.7	13.627	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/12/87-04/13/92	22	0.013	0.021	0.05	0.005	0.	0.016	0.01	0.01	0.032	0.05
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/17/88-04/13/92	15	2.	2.807	6.3	0.8	2.725	1.651	1.04	1.6	4.5	5.52
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	75	1.8	2.401	7.	1.2	2.341	1.53	1.7	1.8	2.1	6.

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

EPA Water Quality Criteria Analysis for Station: CANA0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00	15	0	0.00	13	0	0.00	14	0	0.00	18	0	0.00
00400	PH	Other-Hi Lim.	9.	51	0	0.00	15	0	0.00	10	0	0.00	11	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00	15	0	0.00	10	0	0.00	11	0	0.00	15	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	15	0	0.00	4	0	0.00	4	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

Annual Analysis for 1987 - Station CANA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	8	22.1	21.55	29.	13.	37.38	6.114	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	12	1.22	1.448	2.13	1.22	0.169	0.412	1.22	1.22	1.903	2.13
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	8	7.05	6.863	8.9	4.4	3.206	1.79	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	8	30.	28.25	35.	17.	48.5	6.964	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	12	1.8	1.65	1.8	1.2	0.074	0.271	1.2	1.35	1.8	1.8

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

Annual Analysis for 1988 - Station CANA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	10	22.	22.23	29.1	15.	21.78	4.667	15.	20.25	24.8	29.06
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	14	1.22	1.199	1.83	0.61	0.175	0.418	0.61	0.955	1.373	1.83
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	10	6.45	6.63	8.1	5.3	0.645	0.803	5.39	6.2	6.975	8.07
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	10	34.	34.1	36.	32.	1.878	1.37	32.1	33.	35.25	36.
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	14	1.8	1.821	2.1	1.5	0.034	0.185	1.5	1.8	1.875	2.1

** - 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 1989 - Station CANA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	12	24.6	24.708	30.5	15.5	19.334	4.397	16.88	22.25	28.875	30.35
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	16	1.68	1.514	1.98	0.91	0.161	0.401	0.91	0.988	1.83	1.875
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	12	6.4	6.475	9.4	4.7	2.368	1.539	4.73	5.	7.95	9.04
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	12	28.75	27.275	34.5	14.8	26.062	5.105	17.26	25.	30.625	33.75
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	16	1.8	1.831	2.1	1.5	0.024	0.154	1.64	1.8	1.95	2.1

** - 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 1990 - Station CANA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	12	25.15	24.183	30.3	14.	26.458	5.144	15.5	20.	28.75	30.24
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	13	1.68	1.583	1.83	0.91	0.077	0.277	1.034	1.445	1.83	1.83
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	12	6.35	6.533	9.9	5.	1.602	1.266	5.15	5.65	7.05	9.15
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	12	34.	32.542	39.	17.	32.703	5.719	20.15	31.5	35.75	38.4
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	13	6.	5.008	7.	1.7	5.259	2.293	1.74	1.8	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

Annual Analysis for 1991 - Station CANA0007

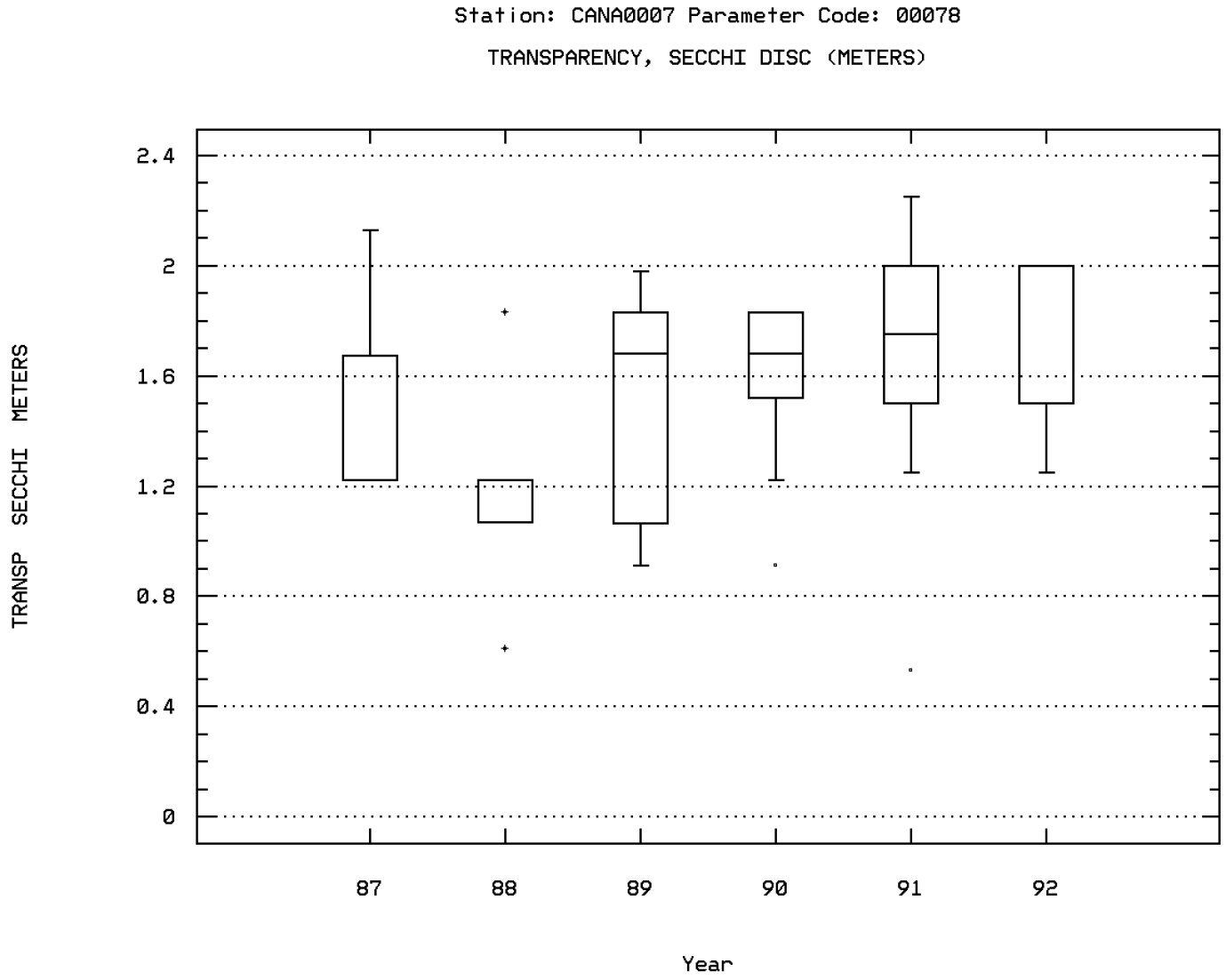
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	12	23.9	22.	29.2	14.8	32.455	5.697	14.8	15.425	26.9	29.17
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	13	1.75	1.629	2.25	0.53	0.241	0.491	0.718	1.375	2.	2.21
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	12	6.3	6.767	9.7	4.9	2.172	1.474	5.02	5.625	7.775	9.43
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	12	29.25	28.225	37.	18.	39.504	6.285	18.45	23.625	32.325	36.97
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	13	2.	2.023	2.3	1.8	0.039	0.196	1.8	1.8	2.25	2.3

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

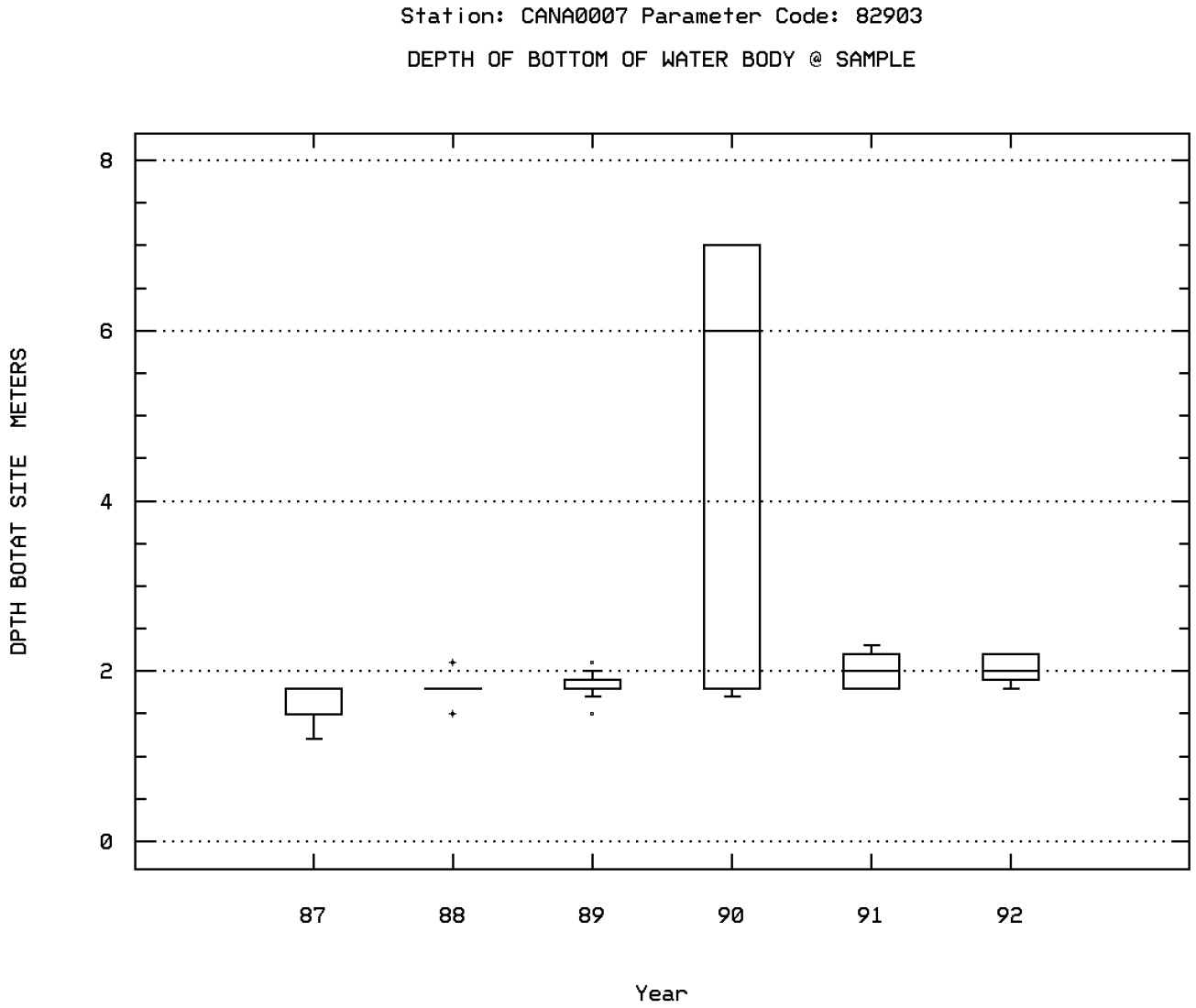
Annual Analysis for 1992 - Station CANA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	6	23.65	23.683	30.2	16.8	23.398	4.837	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	7	1.5	1.536	2.	1.	0.217	0.466	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	6	6.5	6.483	8.4	4.9	1.77	1.33	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	6	30.5	30.167	34.	25.	12.067	3.474	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	7	2.	2.014	2.2	1.8	0.021	0.146	**	**	**	**

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



I_04: 300 m S. CM 3,ICW E. HAULOVER AT



I_04: 300 m S. CM 3,ICW E. HAULOVER AT

Station Inventory for Station: CANA0008

NPS Station ID: CANA0008
LAT/LON: 28.733337/ -80.763338
Agency: 21FLSJWM
Date Created: 08/06/94
Location: INDIAN RIVER AT HAULOVER CANAL
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML-RV
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER AT HAULOVER CANAL IMMEDIATELY NORTH OF THE SPOIL BANK FORMED FROM THE DREDGING OF HAULOVER CANAL AT THE NORTHERN TERMINUS OF THE INDIAN RIVER ESTUARY.

Parameter Inventory for Station: CANA0008

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: CANA0009

NPS Station ID: CANA0009
LAT/LON: 28.736059/ -80.742698
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 2A
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_2A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE WESTERN MOST STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS ON THE WEST EDGE OF THE LAGOON ALONG THE OUTER EDGE OF THE SUBMERGED AQUATIC VEGETATION IN SHALLOW WATER.

Parameter Inventory for Station: CANA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/91-04/06/92	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/91-04/06/92	2	89.	89.	129.	49.	3200.	56.569	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/04/91-04/06/92	2 ##	2.875	2.875	5.	0.75	9.031	3.005	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/04/91-04/06/92	2	-2.633	-2.633	-2.327	-2.938	0.187	0.432	**	**	**	**

** - Less than 9 observations ## - 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: CANA0010

NPS Station ID: CANA0010 | LAT/LON: 28.736115/ -80.754865 | Agency: 21FLA | Date Created: / /
Location: HAULOVER CL AQ PRESERVE A-6 CLS | FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/STREAM/BIO | STORET Station ID(s): 27010600
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080202 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080202001 | RF1 Mile Point: 31.920 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080202089500.00 | RF3 Mile Point: 2.07 | Distance from RF3: 0.02 | On/Off RF3:
Description:
SEGMENT 27.1EA BODY OF WATER: CANAL, HAULOVER HAULOVER CANAL ALLENHURST FLORIDA CLEAN WATER STATION
NO WASTE DISCHARGES WITHIN 10 MILES AQUATIC PRESERVE A-6 CLASS II WATERS

Parameter Inventory for Station: CANA0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/71-07/12/73	23	23.	23.565	32.	13.	27.257	5.221	15.2	20.	29.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/18/71-12/18/73	13	5.	6.769	20.	3.	26.526	5.15	3.	3.	8.	18.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/25/71-07/12/73	23	24.	25.174	44.	4.	142.627	11.943	9.7	15.	34.5	44.
00080	COLOR (PLATINUM-COBALT UNITS)	01/25/71-07/12/73	24	10.	19.167	140.	0.	738.406	27.174	5.	10.	20.	30.
00300	OXYGEN, DISSOLVED MG/L	01/25/71-07/12/73	24	6.6	6.992	9.2	4.8	2.025	1.423	4.8	6.025	8.375	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/25/71-07/12/73	23	1.9	1.961	4.8	0.	1.428	1.195	0.68	1.	2.6	3.96
00403	PH, LAB, STANDARD UNITS SU	01/25/71-07/12/73	20	8.05	7.77	8.6	6.4	0.504	0.71	6.81	7.075	8.4	8.59
00403	CONVERTED PH, LAB, STANDARD UNITS	01/25/71-07/12/73	20	8.047	7.254	8.6	6.4	0.785	0.886	6.81	7.075	8.4	8.59
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/12/73	20	0.009	0.056	0.398	0.003	0.009	0.093	0.003	0.004	0.088	0.155
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/71-07/12/73	14	10.	8.214	10.	5.	6.181	2.486	5.	5.	10.	10.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/71-07/12/73	19	116.	108.842	138.	60.	379.251	19.474	74.	100.	122.	128.
00500	RESIDUE, TOTAL (MG/L)	12/03/71-07/12/73	13	34620.	28206.385	40120.	39.	196239593.923	14008.554	41.	21855.	36280.	39712.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/72-09/20/72	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/09/71-07/12/73	16	0.06	0.061	0.12	0.01	0.001	0.035	0.01	0.033	0.08	0.12
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/71-07/12/73	13	0.75	1.025	2.9	0.005	1.066	1.033	0.007	0.155	1.7	2.9
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/23/71-10/10/72	6	0.25	0.35	0.8	0.05	0.106	0.326	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/71-05/25/72	10	0.25	0.55	2.3	0.05	0.485	0.696	0.05	0.05	0.813	2.17
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/71-07/12/73	20	16030.	11718.85	23100.	14.	64680291.397	8042.406	16.1	20.25	16852.5	17429.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/22/71-11/20/73	15	23.	38.03	240.	0.15	3793.275	61.59	0.15	4.	43.	151.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/22/71-11/20/73	15	1.362	0.919	2.38	-0.824	1.078	1.038	-0.824	0.602	1.633	2.133
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.299								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/23/71-10/10/72	10	0.15	0.25	0.8	0.	0.078	0.279	0.005	0.05	0.4	0.79

** - 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

EPA Water Quality Criteria Analysis for Station: CANA0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	23	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	0	0.00	6	0	0.00	6	0	0.00	4	0	0.00	8	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	20	0	0.00	3	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	20	1	0.05	3	0	0.00	6	0	0.00	4	1	0.25	7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	20	14	0.70	6	3	0.50	4	3	0.75	2	2	1.00	8	6	0.75
		Drinking Water	250.	20	14	0.70	6	3	0.50	4	3	0.75	2	2	1.00	8	6	0.75
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	2	0	0.00	3	0	0.00	4	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: CANA0011

NPS Station ID: CANA0011
LAT/LON: 28.736115/ -80.754865
Agency: 21FLA
Date Created: / /
Location: HAULOVER CL AT SR3 BRIDGE
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010463
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080202001
RF1 Mile Point: 31.920
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080202024300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.14
On/Off RF3:
Description:
SEGMENT 27.1EA BODY OF WATER: CANAL, HAULOVER HAULOVER CANAL AT SR #3 BRIDGE AT
ALLEN HURST EQUIDISTANCE BETWEEN MOSQUITO LAGOON & INDIAN RIVER MIDCHANNEL
BREVARD CO

Parameter Inventory for Station: CANA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/73-07/20/87	10	25.25	23.64	28.4	13.4	19.903	4.461	13.96	22.	26.125	28.33
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/83-07/20/87	6	23.	20.35	27.	10.5	48.975	6.998	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/07/83-07/20/87	6	57.5	54.167	100.	0.	2544.167	50.44	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/07/83-07/20/87	6	3.5	9.5	25.	0.	147.5	12.145	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-07/20/87	6	9.65	12.05	27.	3.3	96.947	9.846	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/09/73-10/09/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/83-07/20/87	6	1.1	1.05	1.5	0.5	0.167	0.409	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/29/74-07/20/87	7	20.	20.714	30.	15.	36.905	6.075	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	6	45440.	44360.	49980.	38000.	20416640.	4518.478	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-07/20/87	7	42900.	42371.429	49100.	32800.	23289047.619	4825.873	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/07/83-07/20/87	6	6.4	6.067	8.2	3.8	2.687	1.639	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/09/73-10/29/74	4	5.25	5.3	5.8	4.9	0.22	0.469	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/09/73-07/20/87	8	1.55	1.563	2.5	1.	0.208	0.457	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/09/73-07/20/87	10	8.2	8.11	8.3	7.7	0.041	0.202	7.72	7.975	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/09/73-07/20/87	10	8.2	8.063	8.3	7.7	0.043	0.208	7.72	7.975	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/73-07/20/87	10	0.006	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.011	0.019
00403	PH, LAB, STANDARD UNITS SU	10/29/74-07/20/87	4	8.2	8.225	8.4	8.1	0.023	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/29/74-07/20/87	4	8.189	8.206	8.4	8.1	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/29/74-07/20/87	4	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-07/20/87	7	132.	130.571	141.	114.	89.952	9.484	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/07/83-07/20/87	6	27.7	28.55	32.7	25.7	6.795	2.607	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/09/73-07/20/87	8	20.	29.75	87.	7.	793.929	28.177	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	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

Parameter Inventory for Station: CANA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-10/09/73	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	2	0.001	0.001	0.001	0.	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/09/73-07/20/87	8	1.35	1.348	1.86	0.78	0.106	0.326	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/83-07/20/87	6 ##	0.015	0.018	0.05	0.005	0.	0.017	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/09/73-10/09/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/09/73-07/20/87	8	0.065	0.069	0.12	0.02	0.001	0.031	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/09/73-10/09/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/09/73-10/09/73	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/09/73-10/29/74	2	65.	65.	120.	10.	6050.	77.782	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/09/73-10/29/74	2	1.54	1.54	2.079	1.	0.582	0.763	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.641								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.162								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-07/20/87	5	5.99	7.416	19.6	0.48	54.636	7.392	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	3	3.18	2.957	4.19	1.5	1.846	1.359	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	10/09/73-10/09/73	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
32231	CHLOROPHYLL B (MG/L)	10/09/73-10/09/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32232	CHLOROPHYLL C (MG/L)	10/09/73-10/09/73	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	5.1	5.1	5.1	5.1	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: CANA0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	1	0.17	2	0	0.00	1	0	0.00	2	0	0.00	1	1	1.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	10	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: CANA0012

NPS Station ID: CANA0012 | LAT/LON: 28.738003/ -80.734753 | Agency: 11NPSWRD | Date Created: 11/25/95
Location: STATION 2B | | FIPS State/County: 12009 FLORIDA/BREVARD |
Station Type: /TYPA/AMBNT/ESTURY | | STORET Station ID(s): CANA_2B |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 03080202 | Depth of Water: 0 | Aquifer: |
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id: |
Minor Basin: FLORIDA EAST COAST AREA | | ECO Region: |
RF1 Index: 03080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03080202000304.99 | RF3 Mile Point: 12.19 | Distance from RF3: 0.25 | On/Off RF3:

Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE MIDDLE STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS IN THE CENTRAL BASIN OF THE LAGOON WHERE NO SEAGRASS WAS OBSERVED AND WATER DEPTH LIKELY EXCEEDED 2 METERS. DATA

Parameter Inventory for Station: CANA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-05/05/92	4	17.5	16.25	20.	10.	22.917	4.787	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-05/05/92	4	47.5	37.5	54.	1.	609.667	24.691	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-05/05/92	4	## 4.35	5.35	10.7	2.	17.63	4.199	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-05/05/92	4	-0.703	-0.732	-0.399	-1.123	0.089	0.298	**	**	**	**

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

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

Station Inventory for Station: CANA0013

NPS Station ID: CANA0013 | LAT/LON: 28.738059/ -80.801670 | Agency: 21FLONRM | Date Created: 01/28/89
Location: I_02: E. HAULOVER, N. ICW, 7TH SANC. MKR, 10 S.
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 27011732
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202 | Depth of Water: 6 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03080202000304.99 | RF3 Mile Point: 12.19 | Distance from RF3: 0.25 | On/Off RF3:
Description:
DEPTH 2.0m; SALINTY 22 - 32, 26ppt; POINT - NONE; NON-POINT SOURCES - AGRICULTURE (GROVES): DEVELOPMENT - 1; SEDIMENT SAND/MUD/SHELL 0.250mm; VEGETATION - SPARSE, Halophila englemanni, Gracilaria spp., Acanthophora sp., Hypnea sp.,
OVERALL - GOOD

Parameter Inventory for Station: CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	60	23.5	23.033	30.1	13.7	25.474	5.047	15.	20.05	27.375	29.46
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/14/88-07/13/92	50	26.	25.734	35.	14.7	20.342	4.51	19.5	22.	29.	31.44
00032	CLOUD COVER (PERCENT)	11/14/88-07/13/92	53	10.	23.358	100.	0.	650.696	25.509	0.	10.	30.	63.
00035	WIND VELOCITY (MILES PER HOUR)	11/14/88-07/13/92	53	5.	6.396	20.	0.	30.552	5.527	1.	2.	10.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	77	1.83	1.633	2.56	0.1	0.309	0.556	0.82	1.375	1.99	2.13
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	60	6.7	6.732	9.9	4.4	1.813	1.346	4.81	5.925	7.3	8.69
00400	PH (STANDARD UNITS)	01/12/87-07/13/92	51	8.29	8.295	8.63	7.85	0.027	0.163	8.13	8.2	8.39	8.518
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-07/13/92	51	8.29	8.263	8.63	7.85	0.028	0.166	8.13	8.2	8.39	8.518
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-07/13/92	51	0.005	0.005	0.014	0.002	0.	0.002	0.003	0.004	0.006	0.007
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	60	31.	29.998	39.5	15.	36.877	6.073	18.45	27.	34.775	36.85
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/91-04/13/92	6	25.5	36.	101.	11.	1129.6	33.61	**	**	**	**
00609	TOTAL AMMONIA NITROGEN, 30 DAY ,(MG/L AS N)	01/12/87-10/26/87	4	0.1	0.075	0.1	0.	0.003	0.05	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/12/87-04/13/92	22	0.975	1.071	1.91	0.2	0.174	0.418	0.53	0.865	1.305	1.819
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/87-04/13/92	22	0.022	0.026	0.061	0.005	0.	0.015	0.005	0.02	0.033	0.052
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/87-04/13/92	17	5.35	7.953	41.93	0.5	91.901	9.587	0.564	3.05	8.51	21.778
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	10/17/88-04/13/92	9	0.9	1.65	5.04	0.5	2.299	1.516	0.5	0.53	2.395	5.04
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	10/17/88-04/13/92	9	0.9	2.478	9.2	0.5	8.397	2.898	0.5	0.5	3.95	9.2
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/17/88-04/13/92	9 ##	0.5	12.311	40.4	0.5	292.654	17.107	0.5	0.5	29.85	40.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/12/87-04/13/92	22	0.01	0.012	0.04	0.005	0.	0.008	0.005	0.007	0.013	0.023
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/14/91-04/13/92	6	3.	4.75	15.	1.1	27.047	5.201	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	77	2.1	2.549	7.	1.2	2.154	1.468	1.8	2.	2.25	6.

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

EPA Water Quality Criteria Analysis for Station: CANA0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00	15	0	0.00	13	0	0.00	14	0	0.00	18	0	0.00
00400	PH	Other-Hi Lim.	9.	51	0	0.00	15	0	0.00	10	0	0.00	11	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00	15	0	0.00	10	0	0.00	11	0	0.00	15	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	6	0	0.00	1	0	0.00	2	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

Annual Analysis for 1987 - Station CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	8	22.25	21.963	30.	13.8	36.477	6.04	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	12	1.675	1.598	2.13	0.91	0.223	0.472	0.91	1.063	2.055	2.13
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	8	7.6	7.363	9.9	4.4	4.766	2.183	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	8	28.5	27.5	35.	17.	47.429	6.887	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	12	1.95	2.	2.3	1.8	0.049	0.222	1.8	1.8	2.25	2.3

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

Annual Analysis for 1988 - Station CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	10	22.	22.25	29.1	14.8	22.076	4.699	14.82	20.25	24.775	29.05
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	14	1.83	1.566	2.13	0.3	0.486	0.697	0.3	1.448	1.905	2.13
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	10	6.85	6.89	7.7	6.	0.225	0.475	6.04	6.625	7.2	7.65
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	10	35.	35.	37.	34.	1.333	1.155	34.	34.	35.5	37.
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	14	2.1	2.057	2.1	1.8	0.012	0.109	1.8	2.1	2.1	2.1

** - 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 1989 - Station CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	12	24.5	24.333	30.	15.	22.35	4.728	15.99	21.025	29.25	29.85
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	16	1.905	2.023	2.56	1.68	0.093	0.305	1.68	1.83	2.25	2.553
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	12	6.5	6.525	8.7	4.7	1.428	1.195	4.73	5.825	7.3	8.49
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	12	29.25	27.292	32.	15.5	21.43	4.629	18.05	24.25	30.75	31.7
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	16	2.1	1.919	2.3	1.2	0.1	0.317	1.2	1.8	2.1	2.16

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

Annual Analysis for 1990 - Station CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	12	25.15	24.05	30.1	13.7	25.028	5.003	15.29	20.125	28.625	29.77
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	13	1.83	1.687	2.13	0.91	0.149	0.386	1.034	1.37	1.98	2.13
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	12	6.6	6.625	9.4	4.9	1.544	1.243	4.93	5.725	7.175	8.92
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	12	34.05	32.55	39.	17.	34.139	5.843	20.	31.125	35.5	38.7
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	13	6.	5.108	7.	1.8	4.854	2.203	1.88	2.05	6.75	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 1991 - Station CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	12	23.85	21.875	29.	14.9	30.682	5.539	14.93	15.375	26.475	28.91
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	14	1.5	1.576	2.25	0.46	0.258	0.508	0.68	1.25	2.	2.225
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	12	6.55	6.717	9.4	4.5	2.529	1.59	4.68	5.325	8.05	9.34
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	12	28.	28.108	39.5	15.	62.886	7.93	15.75	22.825	33.375	39.5
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	14	2.1	2.143	2.4	1.8	0.036	0.191	1.9	2.	2.3	2.4

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

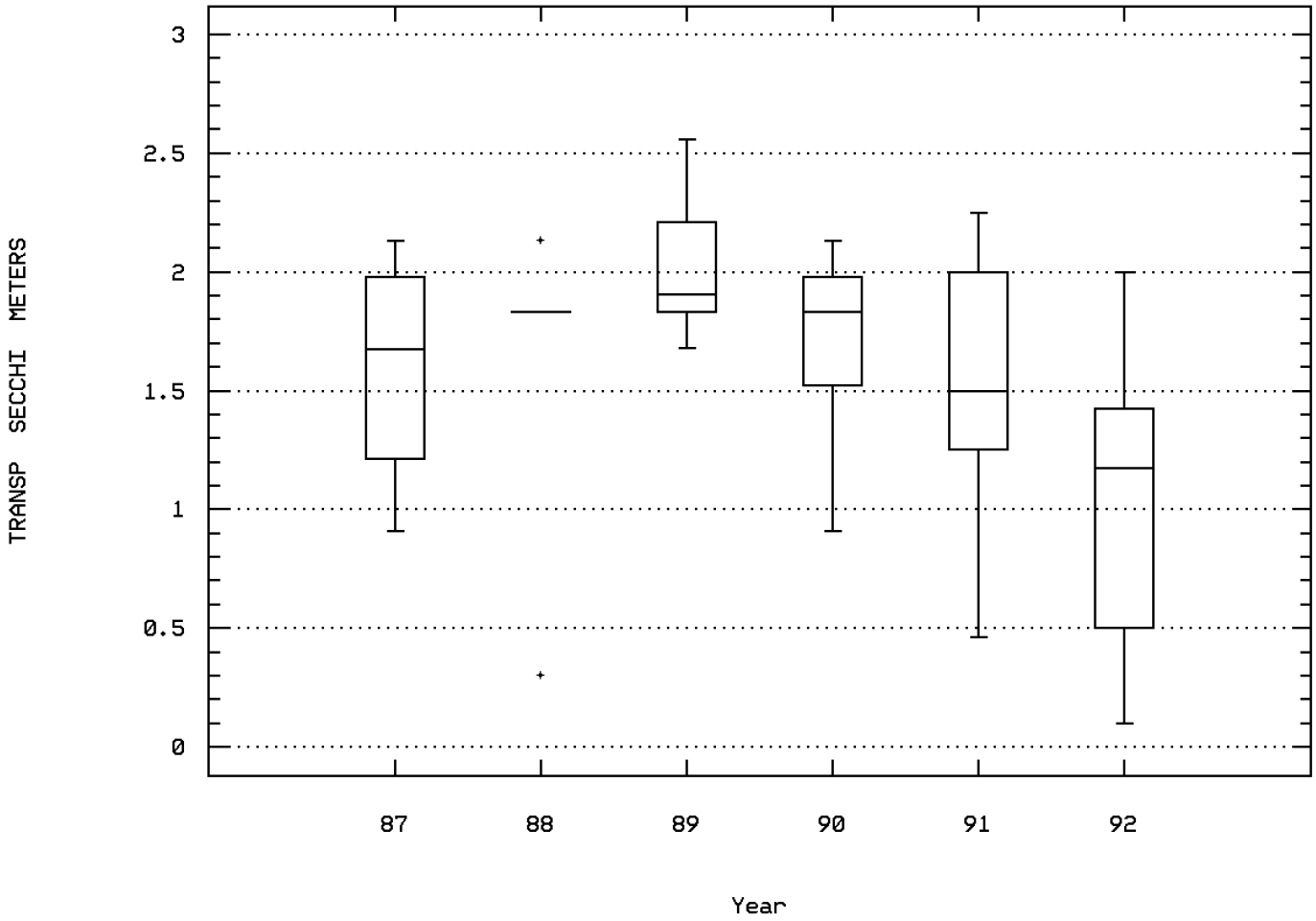
Annual Analysis for 1992 - Station CANA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-07/13/92	6	23.6	23.45	30.1	15.8	25.027	5.003	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-07/13/92	8	1.175	1.038	2.	0.1	0.399	0.632	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-07/13/92	6	6.25	6.283	7.6	4.7	1.158	1.076	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/12/87-07/13/92	6	28.5	29.083	32.5	28.	2.942	1.715	**	**	**	**
82903p	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-07/13/92	8	2.	2.05	2.2	2.	0.006	0.076	**	**	**	**

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

Station: CANA0013 Parameter Code: 00078

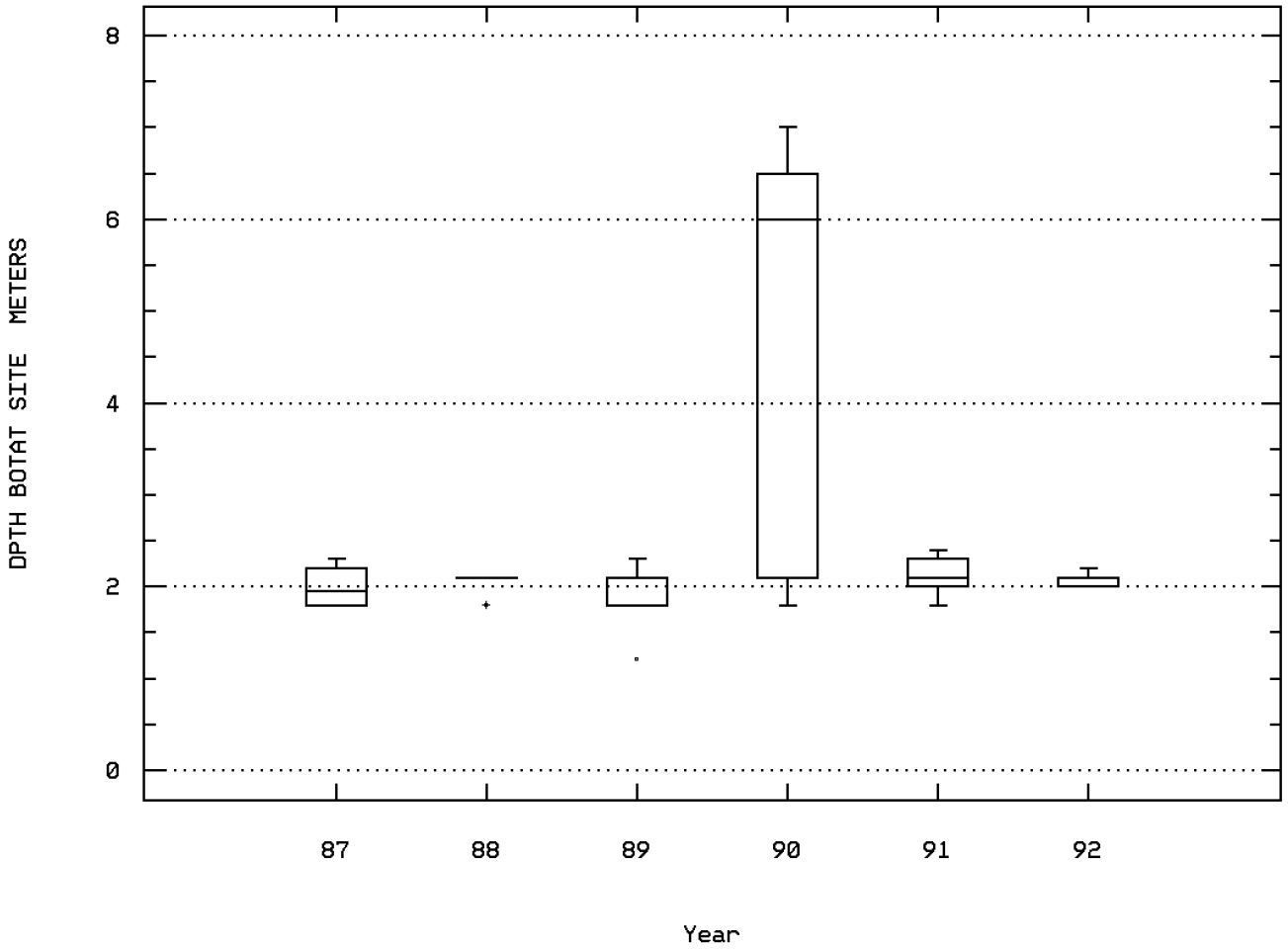
TRANSPARENCY, SECCHI DISC (METERS)



I_02: E. HAULOVER, N. ICW, 7TH SANC. MK

Station: CANA0013 Parameter Code: 82903

DEPTH OF BOTTOM OF WATER BODY @ SAMPLE



I_02: E. HAULOVER, N. ICW, 7TH SANC. MK

Station Inventory for Station: CANA0014

NPS Station ID: CANA0014
LAT/LON: 28.738337/ -80.725754
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 2C
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_2C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE WILSON FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE SOUTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE EASTERN MOST STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS ON THE EAST EDGE OF THE LAGOON ALONG THE OUTER EDGE OF THE SUBMERGED AQUATIC VEGETATION IN SHALLOW WATER.

Parameter Inventory for Station: CANA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/02/92	6	20.	21.667	40.	5.	146.667	12.111	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/02/92	6	40.	41.	53.	32.	69.6	8.343	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/02/92	6	3.	3.625	10.	0.75	11.744	3.427	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-06/02/92	6	-1.094	-1.058	-0.612	-1.632	0.141	0.376	**	**	**	**

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

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

Station Inventory for Station: CANA0015

NPS Station ID: CANA0015 LAT/LON: 28.741948/ -80.747226 Agency: 21FLSJWM Date Created: 08/01/92
Location: MOSQUITO LAGOON 100 M S OF GREEN MARKER 43 FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): MEC907
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:

Parameter Inventory for Station: CANA0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/92-12/14/92	3	27.1	23.967	28.6	16.2	45.803	6.768	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/02/92-12/14/92	3	1.	1.033	1.1	1.	0.003	0.058	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/92-12/14/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/92-12/14/92	3	45000.	46566.667	51100.	43600.	15903333.333	3987.898	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/92-12/14/92	3	5.8	6.933	9.3	5.7	4.203	2.05	**	**	**	**
00400	PH (STANDARD UNITS)	06/02/92-12/14/92	3	7.6	7.633	7.9	7.4	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/02/92-12/14/92	3	7.6	7.588	7.9	7.4	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/92-12/14/92	3	0.025	0.026	0.04	0.013	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/92-12/14/92	4	127.	127.5	141.	115.	167.	12.923	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/92-12/14/92	4	37.5	37.25	47.	27.	86.917	9.323	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/92-12/14/92	4	0.04	0.038	0.062	0.01	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/02/92-12/14/92	4	0.92	0.95	1.2	0.76	0.035	0.186	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/02/92-12/14/92	4 ##	0.02	0.019	0.02	0.015	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/02/92-12/14/92	4 ##	0.019	0.043	0.12	0.012	0.003	0.052	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/02/92-12/14/92	4	7.4	8.225	12.	6.1	7.669	2.769	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/02/92-12/14/92	4	364.5	339.25	451.	177.	16964.25	130.247	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/02/92-12/14/92	4	1092.5	1011.25	1350.	510.	157939.583	397.416	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/02/92-12/14/92	3	10600.	8816.667	10900.	4950.	11235833.333	3351.989	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/02/92-12/14/92	4	373.	331.5	409.	171.	12003.667	109.561	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/92-12/14/92	4	19000.	18750.	20000.	17000.	2250000.	1500.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/92-12/14/92	4	2600.	2500.	2800.	2000.	146666.667	382.971	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/02/92-12/14/92	4 ##	5.	4.375	5.	2.5	1.563	1.25	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/02/92-12/14/92	4	98.5	87.5	129.	24.	2047.	45.244	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/92-12/14/92	4 ##	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/92-12/14/92	4 ##	0.151	0.25	0.699	0.	0.11	0.331	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.778								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/02/92-12/14/92	4	2.275	2.43	4.34	0.83	2.129	1.459	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/02/92-12/14/92	4	1.335	1.47	2.94	0.27	1.259	1.122	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/02/92-09/28/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/02/92-09/28/92	3	0.	0.27	0.81	0.	0.219	0.468	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/02/92-12/14/92	4	1.485	1.43	2.3	0.45	0.835	0.914	**	**	**	**
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/02/92-12/14/92	4	1.315	1.338	1.55	1.17	0.031	0.175	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/02/92-12/14/92	4	32850.	32700.	35900.	29200.	13313333.333	3648.744	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/02/92-12/14/92	4	3.35	3.675	7.	1.	7.183	2.68	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	06/02/92-12/14/92	3	1.5	1.5	2.	1.	0.25	0.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00							2	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00							2	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	1 &	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00							3	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00							3	0	0.00

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

Station Inventory for Station: CANA0016

NPS Station ID: CANA0016
LAT/LON: 28.746670/ -80.748615
Agency: 21FLA
Date Created: 04/05/80
Location: INDIAN R AT ICWW CM 41
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010874
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 13
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080202002
RF1 Mile Point: 1.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SEGMENT 27.1DA BODY OF WATER' RIVER, INDIAN INDIAN RIVER NORTH %MOSQUITO LAGOON< AT ICWW CHANNEL MARKER] 41, APPROX. 500 YDS. NORTH OF ENTRANCE TO HAULOVER CANAL NEAR ALLENHURST .PNS SECONDARY STATION - BREVARD CO.

Parameter Inventory for Station: CANA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/77-07/20/87	10	24.5	22.86	28.7	13.3	31.627	5.624	13.32	18.375	28.	28.63
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/80-07/20/87	7	26.	21.357	27.	10.5	47.393	6.884	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/22/80-07/20/87	7	20.	47.857	100.	0.	2415.476	49.147	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/22/80-07/20/87	7	12.	15.	25.	5.	93.	9.644	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/22/77-04/22/80	4 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-04/14/87	5	7.7	13.58	26.	4.4	120.152	10.961	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	02/13/78-02/13/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/79-07/20/87	10	1.05	1.	1.4	0.5	0.096	0.309	0.5	0.8	1.225	1.39
00080	COLOR (PLATINUM-COBALT UNITS)	03/22/77-04/14/87	9	15.	18.333	35.	10.	75.	8.66	10.	10.	25.	35.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	6	42800.	43658.333	50050.	38000.	19674416.667	4435.585	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-05/09/84	6	40750.	39850.	47400.	31200.	43687000.	6609.614	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	02/13/78-07/20/87	7	6.6	6.529	8.7	4.2	2.759	1.661	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/22/77-04/22/80	3	6.2	6.767	8.3	5.8	1.803	1.343	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/22/77-04/14/87	6	1.4	1.617	2.7	0.8	0.494	0.703	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/22/77-07/20/87	10	8.05	8.05	8.3	7.7	0.052	0.227	7.71	7.8	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	03/22/77-07/20/87	10	8.047	7.996	8.3	7.7	0.055	0.234	7.71	7.8	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/77-07/20/87	10	0.009	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	03/22/77-05/09/84	6	8.3	8.283	8.4	8.1	0.01	0.098	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/22/77-05/09/84	6	8.3	8.273	8.4	8.1	0.01	0.099	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/77-05/09/84	6	0.005	0.005	0.008	0.004	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/77-04/14/87	9	132.	135.444	159.	117.	162.528	12.749	117.	126.	144.5	159.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	03/22/77-03/22/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/22/80-07/20/87	7	28.3	28.629	32.7	26.	6.149	2.48	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/77-04/14/87	9	12.	25.333	100.	4.	974.75	31.221	4.	6.5	37.5	100.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/22/77-04/22/80	4	3.	3.5	6.	2.	3.	1.732	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/22/77-04/22/80	4	4.5	4.5	7.	2.	5.667	2.38	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/22/77-03/22/77	1	1.23	1.23	1.23	1.23	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/77-03/22/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/22/77-02/13/78	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/22/77-02/13/78	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/13/78-04/14/87	8	1.23	1.181	1.59	0.55	0.149	0.386	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/18/79-04/14/87	7 ##	0.01	0.017	0.05	0.005	0.	0.016	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/22/77-04/14/87	9	0.04	0.054	0.12	0.01	0.002	0.04	0.01	0.025	0.095	0.12
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/22/77-03/22/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/13/78-09/18/79	2	9.6	9.6	14.	5.2	38.72	6.223	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/13/78-02/13/78	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/13/78-02/13/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/13/78-02/13/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/13/78-02/13/78	1	425.	425.	425.	425.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/13/78-02/13/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/13/78-02/13/78	1	88.	88.	88.	88.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/13/78-02/13/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/13/78-02/13/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/78-02/13/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/13/78-02/13/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/13/78-04/22/80	3	3.38	4.817	8.54	2.53	10.578	3.252	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-04/14/87	4	4.89	7.688	19.9	1.07	69.778	8.353	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/13/78-04/22/80	3	1.5	1.45	2.82	0.03	1.948	1.396	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/13/78-04/22/80	3	4.85	3.757	5.57	0.85	6.466	2.543	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/18/79-04/22/80	2	0.63	0.63	1.21	0.05	0.673	0.82	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-04/14/87	2	5.	5.	7.33	2.67	10.858	3.295	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/13/78-02/13/78	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
82246	NATURAL SUBSTRATE,DIVERSITY INDEX	02/13/78-06/26/80	2	3.195	3.195	3.94	2.45	1.11	1.054	**	**	**	**
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	02/13/78-06/26/80	2	49.	49.	62.	36.	338.	18.385	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							2	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00	1	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						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	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: CANA0017

NPS Station ID: CANA0017 | LAT/LON: 28.780031/ -80.775809 | Agency: 21FLA | Date Created: / /
Location: MOSQUITO LAGOON AT ICW #3 | FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 27010462
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080202001 | RF1 Mile Point: 28.230 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080202000226.40 | RF3 Mile Point: 33.25 | Distance from RF3: 0.00 | On/Off RF3:
Description:
SEGMENT 27.1DA BODY OF WATER: BAYOU, MOSQUITO MOSQUITO LAGOON AT ICW #31 APPROX 3
MILES NORTH OF HAULOVER CANAL MIDCHANNEL BREVARD CO

Parameter Inventory for Station: CANA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/73-10/29/74	4	26.25	25.575	26.3	23.5	1.916	1.384	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/09/73-10/09/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/29/74-10/29/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-10/29/74	4	47550.	47325.	48000.	46200.	609166.667	780.491	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/09/73-10/29/74	4	5.45	5.875	7.4	5.2	1.049	1.024	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/09/73-10/29/74	2	1.25	1.25	1.6	0.9	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	10/09/73-10/29/74	4	8.1	8.05	8.1	7.9	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/09/73-10/29/74	4	8.1	8.041	8.1	7.9	0.01	0.101	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/73-10/29/74	4	0.008	0.009	0.013	0.008	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/29/74-10/29/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/29/74-10/29/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/29/74-10/29/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/09/73-10/29/74	2	10.	10.	11.	9.	2.	1.414	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-10/09/73	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	2	0.001	0.001	0.001	0.	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/09/73-10/29/74	2	0.78	0.78	1.06	0.5	0.157	0.396	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/09/73-10/09/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/09/73-10/29/74	2	0.058	0.058	0.075	0.04	0.001	0.025	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/09/73-10/09/73	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/09/73-10/09/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/09/73-10/29/74	2	20.	20.	40.	0.	800.	28.284	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/09/73-10/29/74	2	0.801	0.801	1.602	0.	1.283	1.133	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.325								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
32230	CHLOROPHYLL A (MG/L)	10/09/73-10/09/73	1	0.012	0.012	0.012	0.012	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: CANA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32231	CHLOROPHYLL B (MG/L)	10/09/73-10/09/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32232	CHLOROPHYLL C (MG/L)	10/09/73-10/09/73	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: CANA0018

NPS Station ID: CANA0018 LAT/LON: 28.780560/ -80.821948 Agency: 21FLONRM Date Created: 01/28/89
Location: ML_01(I01): 100m E OF CM 31 IN MOSQUITO LAGOON FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: 7TYPA/AMBNT/ESTURY STORET Station ID(s): 27011760
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080202 Depth of Water: 6 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
DEPTH 2.0m; SALINITY 18 - 42, 30ppt; SEDIMENT SAND/SHELL/MUD ~0.250mm; VEGETATION - SPARSE (<10%), Halodule wrightii, Syringodium filiforme, Gracilaria spp., Drift Algae; POINT - NONE; NONPOINT - AGRICULTURE; DEVELOPMENT - 1; OVERALL - GOOD, slight impacts from ICW channel. Nutrients at background levels. Benthos with marine and estuarine

Parameter Inventory for Station: CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	55	23.7	23.358	30.5	14.1	22.313	4.724	16.28	20.	28.	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/89-12/16/92	56	25.5	24.693	33.1	13.	23.632	4.861	17.98	21.	29.	31.06
00032	CLOUD COVER (PERCENT)	01/09/89-12/16/92	56	10.	21.071	100.	0.	672.468	25.932	0.	5.	20.	75.
00035	WIND VELOCITY (MILES PER HOUR)	01/09/89-12/16/92	56	5.	6.607	20.	0.	23.734	4.872	0.	5.	10.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	72	1.3	1.415	3.	0.5	0.349	0.591	0.8	0.9	1.8	2.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	55	6.4	6.458	9.5	3.8	1.762	1.327	4.6	5.6	7.5	8.18
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	50	8.225	8.216	8.53	7.8	0.027	0.163	7.951	8.13	8.305	8.443
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	50	8.225	8.184	8.53	7.8	0.028	0.167	7.951	8.13	8.305	8.443
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	50	0.006	0.007	0.016	0.003	0.	0.003	0.004	0.005	0.007	0.011
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	53	31.	31.03	38.	21.	12.327	3.511	26.4	28.5	34.	35.06
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/87-10/13/92	16	16.5	22.938	94.	0.	520.196	22.808	3.5	8.	33.75	56.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/12/87-10/13/92	28	1.085	1.078	2.24	0.05	0.31	0.557	0.243	0.635	1.42	1.93
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/87-10/13/92	26	0.025	0.041	0.109	0.018	0.001	0.027	0.019	0.022	0.054	0.097
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/87-10/13/92	20	5.185	6.646	18.66	0.5	24.158	4.915	2.32	3.248	9.268	15.523
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	13	0.81	1.152	3.69	0.5	1.016	1.008	0.5	0.5	1.325	3.354
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/09/89-10/13/92	13	1.9	4.161	15.	0.5	29.2	5.404	0.5	0.5	7.1	14.84
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/09/89-10/13/92	13	2.6	11.3	62.4	0.5	307.418	17.533	0.5	0.5	15.6	48.72
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/12/87-10/13/92	23	0.017	0.022	0.075	0.005	0.	0.018	0.005	0.013	0.025	0.055
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/12/87-10/13/92	16	2.9	3.394	7.3	0.	5.442	2.333	0.84	1.4	5.575	6.88
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	72	2.3	2.293	3.8	1.4	0.124	0.352	1.8	2.1	2.5	2.6

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

EPA Water Quality Criteria Analysis for Station: CANA0018

				Total	Exceed	Prop.	10/01-12/31			1/01-3/14			3/15-5/31			6/01-9/30		
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.	55	2	0.04	14	0	0.00	11	0	0.00	12	0	0.00	18	2	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: CANA0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00400	PH	Other-Hi Lim.	9.	50	0	0.00	14	0	0.00	10	0	0.00	10	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	50	0	0.00	14	0	0.00	10	0	0.00	10	0	0.00	16	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00

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

Annual Analysis for 1987 - Station CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	4	22.	22.125	30.	14.5	40.729	6.382	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	8	0.85	0.875	1.2	0.6	0.054	0.231	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	4	7.4	7.2	9.4	4.6	4.133	2.033	**	**	**	**
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	2	8.1	8.1	8.25	7.95	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	2	8.075	8.075	8.25	7.95	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	2	0.008	0.008	0.011	0.006	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	4	30.5	29.25	35.	21.	34.917	5.909	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	8	1.95	2.	2.3	1.8	0.051	0.227	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	5	22.	22.6	28.	18.	13.8	3.715	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	8	0.9	1.063	2.3	0.6	0.303	0.55	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	5	6.4	6.8	7.8	6.4	0.38	0.616	**	**	**	**
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	4	8.33	8.338	8.49	8.2	0.015	0.123	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	4	8.328	8.325	8.49	8.2	0.015	0.124	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	4	0.005	0.005	0.006	0.003	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	5	34.	35.	38.	33.	4.	2.	**	**	**	**
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	8	2.1	1.938	2.3	1.4	0.131	0.362	**	**	**	**

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

Annual Analysis for 1989 - Station CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	11	24.7	24.355	30.5	15.5	23.793	4.878	16.06	20.2	29.	30.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/89-12/16/92	13	26.2	26.2	29.5	19.5	10.047	3.17	20.46	24.35	29.15	29.5
00032	CLOUD COVER (PERCENT)	01/09/89-12/16/92	13	10.	12.692	50.	0.	169.231	13.009	0.	5.	17.5	38.
00035	WIND VELOCITY (MILES PER HOUR)	01/09/89-12/16/92	13	5.	4.615	10.	0.	6.09	2.468	0.	5.	5.	8.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	13	1.5	1.515	2.6	0.8	0.388	0.623	0.8	0.85	1.95	2.52
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	11	6.	5.964	8.8	4.	2.743	1.656	4.02	4.5	7.6	8.62
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	9	8.23	8.27	8.53	8.09	0.024	0.155	8.09	8.125	8.405	8.53
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	9	8.23	8.247	8.53	8.09	0.025	0.157	8.09	8.125	8.405	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	9	0.006	0.006	0.008	0.003	0.	0.002	0.003	0.004	0.008	0.008
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	11	30.	30.273	35.	26.	8.968	2.995	26.2	28.	33.	34.8
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	13	2.3	2.3	2.6	2.1	0.045	0.212	2.1	2.1	2.5	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 1990 - Station CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	12	25.1	24.367	30.5	14.1	25.177	5.018	15.72	20.25	28.75	30.38
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/89-12/16/92	14	26.2	25.586	33.1	14.7	24.44	4.944	17.6	22.5	29.55	32.15
00032	CLOUD COVER (PERCENT)	01/09/89-12/16/92	14	10.	16.071	75.	0.	342.995	18.52	0.	10.	16.25	52.5
00035	WIND VELOCITY (MILES PER HOUR)	01/09/89-12/16/92	14	5.	6.429	15.	5.	9.341	3.056	5.	5.	6.25	12.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	14	1.2	1.45	2.3	0.8	0.243	0.493	0.85	1.175	1.875	2.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	12	6.25	6.583	9.5	5.4	1.174	1.084	5.46	6.025	6.95	8.9
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	12	8.205	8.158	8.48	7.87	0.031	0.177	7.879	7.998	8.265	8.426
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	12	8.205	8.125	8.48	7.87	0.033	0.181	7.879	7.997	8.265	8.426

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

Annual Analysis for 1990 - Station CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	12	0.006	0.008	0.013	0.003	0.	0.003	0.004	0.005	0.01	0.013
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	10	33.	32.3	38.	28.	9.844	3.138	28.05	29.625	34.25	37.7
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	14	2.35	2.279	2.6	1.8	0.053	0.229	1.9	2.1	2.4	2.6

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

Annual Analysis for 1991 - Station CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	12	23.85	22.317	28.8	15.8	24.623	4.962	15.8	16.925	26.8	28.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/89-12/16/92	15	24.	24.467	32.	13.	36.41	6.034	14.8	19.	29.	32.
00032	CLOUD COVER (PERCENT)	01/09/89-12/16/92	15	15.	20.667	100.	0.	635.238	25.204	0.	5.	20.	64.
00035	WIND VELOCITY (MILES PER HOUR)	01/09/89-12/16/92	15	5.	6.333	15.	0.	26.667	5.164	0.	0.	10.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	15	1.8	1.8	2.7	0.8	0.299	0.546	1.1	1.3	2.3	2.58
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	12	6.2	6.583	8.6	5.1	1.583	1.258	5.13	5.325	7.725	8.51
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	12	8.27	8.224	8.38	7.8	0.026	0.16	7.89	8.133	8.323	8.374
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	12	8.27	8.191	8.38	7.8	0.027	0.163	7.89	8.133	8.322	8.374
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	12	0.005	0.006	0.016	0.004	0.	0.003	0.004	0.005	0.007	0.013
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	12	30.5	30.175	35.1	25.	11.331	3.366	25.3	27.125	33.	34.77
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	15	2.5	2.52	3.8	2.1	0.156	0.395	2.1	2.3	2.6	3.14

** - 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 1992 - Station CANA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/87-12/16/92	11	22.9	23.191	29.5	16.6	19.637	4.431	16.62	20.3	26.8	29.46
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/09/89-12/16/92	14	21.85	22.643	29.	14.	19.343	4.398	16.2	19.6	26.375	29.
00032	CLOUD COVER (PERCENT)	01/09/89-12/16/92	14	15.	34.286	100.	0.	1376.374	37.1	2.5	5.	76.25	90.
00035	WIND VELOCITY (MILES PER HOUR)	01/09/89-12/16/92	14	10.	8.929	20.	0.	46.841	6.844	0.	3.75	15.	20.
00078	TRANSPARENCY, SECCHI DISC (METERS)	01/12/87-12/16/92	14	1.35	1.386	3.	0.5	0.352	0.593	0.65	1.	1.525	2.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/12/87-12/16/92	11	6.3	6.255	8.1	3.8	1.715	1.309	4.04	5.4	7.4	8.08
00400	PH (STANDARD UNITS)	01/12/87-12/16/92	11	8.2	8.205	8.5	7.87	0.024	0.156	7.922	8.14	8.3	8.472
00400	CONVERTED PH (STANDARD UNITS)	01/12/87-12/16/92	11	8.2	8.178	8.5	7.87	0.025	0.159	7.922	8.14	8.3	8.472
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/12/87-12/16/92	11	0.006	0.007	0.013	0.003	0.	0.003	0.003	0.005	0.007	0.012
00480	SALINITY - PARTS PER THOUSAND	01/12/87-12/16/92	11	30.	30.409	36.	25.	9.041	3.007	25.6	28.5	32.	35.6
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	01/12/87-12/16/92	14	2.4	2.429	3.	2.	0.105	0.324	2.	2.175	2.575	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

Station Inventory for Station: CANA0019

NPS Station ID: CANA0019
LAT/LON: 28.784170/ -80.800281
Agency: 112WRD
Date Created: 06/29/78
Location: 847048001 20S35E02 331 810 OAK HILL TP
FIPS State/County: 12009 FLORIDA/BREVARD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 284703080480101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03080202002
RF1 Mile Point: 7.980
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: CANA0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/56-08/09/56	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/56-08/09/56	1	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 time series plot

EPA Water Quality Criteria Analysis for Station: CANA0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 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: CANA0020

NPS Station ID: CANA0020
LAT/LON: 28.809448/ -80.794448
Agency: 21FLA
Date Created: 09/17/88
Location: MOSQUITO LAGOON AT CM# 22
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011711
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON AT ICWW CHANNEL MARKER NUMBER 22 SOUTH OF OAK HILL. VOLUSIA COUNTY STATION NUMBER 18.

Parameter Inventory for Station: CANA0020

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: CANA0021

NPS Station ID: CANA0021
LAT/LON: 28.818059/ -80.799727
Agency: 21FLVEMD
Date Created: 02/13/93
Location: MOSQUITO LAGOON AT ICWW CM 22
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML20
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON AT ICWW CHANNEL MARKER 22 SOUTH OF OAK HILL

Parameter Inventory for Station: CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	60	25.	24.192	31.8	15.4	26.184	5.117	16.7	19.175	29.	30.58
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	58	27.	25.745	33.2	13.1	29.17	5.401	17.34	22.4	31.	32.5
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	60	40.	43.75	100.	0.	1109.987	33.316	5.	20.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	63	8.	9.159	22.	2.	28.587	5.347	3.	5.	12.	20.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	61	5.	6.574	99.9	1.7	152.433	12.346	2.2	3.25	6.7	8.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	62	1.2	1.224	2.	0.7	0.142	0.377	0.8	0.9	1.4	1.9
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	60	12.	12.85	27.	7.	15.519	3.939	9.	10.	14.75	17.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	57	50200.	49538.596	58200.	37300.	28983126.566	5383.598	40880.	45550.	54000.	56260.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	62	2.	2.015	2.8	1.8	0.044	0.21	1.8	1.9	2.1	2.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	59	6.3	6.376	9.2	4.1	1.202	1.096	5.	5.6	7.	7.8
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	59	8.04	7.992	8.52	7.	0.051	0.226	7.69	7.92	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	59	8.04	7.909	8.52	7.	0.058	0.241	7.69	7.92	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	59	0.009	0.012	0.1	0.003	0.	0.013	0.006	0.008	0.012	0.02
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	59	33.2	32.581	38.8	23.6	15.142	3.891	26.2	29.7	35.8	37.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	52	11.5	12.731	65.	1.	88.671	9.417	5.	7.	16.	21.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	18	0.01	0.03	0.11	0.006	0.001	0.037	0.006	0.01	0.033	0.11
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	52	1.135	1.197	2.	0.61	0.136	0.368	0.773	0.9	1.493	1.7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	56	0.01	0.012	0.06	0.001	0.	0.009	0.007	0.01	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	46	0.05	0.054	0.145	0.01	0.001	0.028	0.02	0.036	0.07	0.089
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	54	0.01	0.011	0.04	0.001	0.	0.007	0.001	0.01	0.01	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	55	5.	5.364	25.	2.5	20.699	4.55	2.5	2.5	5.	10.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	55	0.699	0.644	1.398	0.398	0.06	0.246	0.398	0.398	0.699	1.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.403								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	54	5.	18.843	685.	2.5	8705.121	93.301	2.5	2.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	54	0.699	0.668	2.836	0.398	0.167	0.408	0.398	0.398	0.699	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.654								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	53	5.	5.33	25.	2.5	14.913	3.862	2.5	2.5	5.	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	53	0.699	0.65	1.398	0.398	0.061	0.247	0.398	0.398	0.699	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			4.464								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	32	6.64	7.311	16.85	1.89	17.921	4.233	2.278	2.9	10.045	14.693
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	66	6.15	6.405	20.3	1.1	15.401	3.924	1.6	3.12	8.23	11.05
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	32	0.	0.059	0.42	0.	0.011	0.106	0.	0.	0.093	0.248
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	32	1.08	2.388	43.95	0.18	57.923	7.611	0.243	0.458	1.575	2.182
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	32	0.605	0.944	3.44	0.	1.052	1.026	0.	0.15	1.43	2.726
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/13/92-01/12/93	6	-0.96	-1.145	-0.9	-1.78	0.129	0.359	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	61	1	0.02	10	0	0.00	15	0	0.00	15	0	0.00	21	1	0.05
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	59	0	0.00	12	0	0.00	14	0	0.00	12	0	0.00	21	0	0.00
00400	PH	Other-Hi Lim.	9.	59	0	0.00	12	0	0.00	14	0	0.00	12	0	0.00	21	0	0.00
		Other-Lo Lim.	6.5	59	0	0.00	12	0	0.00	14	0	0.00	12	0	0.00	21	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	55	0	0.00	9	0	0.00	13	0	0.00	13	0	0.00	20	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	54	1	0.02	8	0	0.00	13	0	0.00	13	0	0.00	20	1	0.05
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	53	0	0.00	8	0	0.00	12	0	0.00	13	0	0.00	20	0	0.00

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

Annual Analysis for 1990 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	27.	26.	30.8	15.5	22.393	4.732	16.17	23.85	29.775	30.72
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	23.9	25.93	33.2	16.8	36.133	6.011	17.22	21.	32.3	33.2
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	10	37.5	48.5	100.	0.	1161.389	34.079	2.	23.75	80.	98.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	10	5.	8.6	22.	3.	57.156	7.56	3.	3.	13.	22.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	10	5.55	6.12	9.7	2.4	6.146	2.479	2.59	4.375	9.125	9.65
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	10	1.1	1.13	1.9	0.8	0.142	0.377	0.8	0.8	1.3	1.87
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	10	12.	11.6	14.	9.	2.044	1.43	9.1	10.75	12.25	13.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	9	56500.	55944.444	58200.	53000.	3750277.778	1936.563	53000.	53900.	57650.	58200.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	10	2.05	2.05	2.3	1.9	0.014	0.118	1.9	1.975	2.1	2.28
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	10	6.7	6.94	8.9	6.	0.689	0.83	6.04	6.475	7.2	8.79
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	10	8.	7.88	8.2	7.5	0.071	0.266	7.5	7.575	8.05	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	10	8.	7.805	8.2	7.5	0.077	0.277	7.5	7.575	8.05	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	10	0.01	0.016	0.032	0.006	0.	0.01	0.006	0.009	0.027	0.032
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	10	37.55	37.04	38.8	35.	1.976	1.406	35.02	35.65	38.25	38.79
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	10	0.01	0.017	0.04	0.01	0.	0.011	0.01	0.01	0.023	0.039
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	8	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	8	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	7	10.	22.857	100.	10.	1157.143	34.017	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	7	1.	1.143	2.	1.	0.143	0.378	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.895								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	7	10.	10.	10.	10.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	7	1.	1.	1.	1.	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			10.								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	10	7.8	6.83	9.9	1.1	8.073	2.841	1.36	4.3	8.875	9.88

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

Annual Analysis for 1991 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	22.5	22.921	31.	16.7	29.616	5.442	16.7	17.8	27.425	30.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	30.	26.218	33.	14.5	50.794	7.127	14.6	17.4	31.	33.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	11	40.	41.364	100.	10.	940.455	30.667	10.	20.	50.	99.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	6.5	8.083	20.	3.	26.083	5.107	3.	5.	10.	18.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	5.05	4.55	7.3	2.	3.043	1.744	2.06	2.575	5.725	7.06
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	1.3	1.427	2.	1.1	0.09	0.3	1.12	1.2	1.8	1.96
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	16.	15.273	27.	8.	34.618	5.884	8.	9.	18.	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	14	52400.	50878.571	55400.	38900.	25080274.725	5008.021	42250.	47450.	55300.	55350.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	2.	2.042	2.8	1.8	0.074	0.271	1.8	1.825	2.1	2.62
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	14	7.15	6.929	9.2	4.9	1.573	1.254	5.35	5.8	7.775	8.9
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	14	8.04	7.919	8.2	7.	0.1	0.316	7.32	7.778	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	14	8.036	7.757	8.2	7.	0.128	0.358	7.32	7.777	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	14	0.009	0.017	0.1	0.006	0.001	0.024	0.006	0.008	0.017	0.061
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	14	34.55	33.45	36.8	24.8	13.317	3.649	27.25	30.8	36.625	36.75
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	5.	7.727	25.	5.	36.818	6.068	5.	5.	10.	22.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	0.699	0.817	1.398	0.699	0.052	0.227	0.699	0.699	1.	1.318
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.565								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	11	5.	66.818	685.	5.	42036.364	205.028	5.	5.	5.	549.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	11	0.699	0.893	2.836	0.699	0.415	0.644	0.699	0.699	0.699	2.408
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.82								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	10	5.	7.	25.	5.	40.	6.325	5.	5.	5.	23.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	10	0.699	0.769	1.398	0.699	0.049	0.221	0.699	0.699	0.699	1.328
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			5.873								

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

Annual Analysis for 1991 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	4.05	4.4	10.7	1.2	8.242	2.871	1.29	1.75	6.075	9.8

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

Annual Analysis for 1992 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	24.7	24.522	30.8	15.7	30.244	5.499	15.7	19.45	30.	30.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	24.	23.009	29.	13.1	22.937	4.789	14.02	19.3	27.	28.66
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	12	35.	43.333	100.	0.	1128.788	33.597	0.	21.25	78.75	97.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	10.	10.167	20.	3.	41.788	6.464	3.3	5.	17.5	20.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	6.1	13.508	99.9	2.5	745.394	27.302	2.71	3.425	7.8	72.96
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	12	1.3	1.225	2.	0.8	0.149	0.386	0.8	0.825	1.475	1.88
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	11.	11.833	20.	9.	9.606	3.099	9.	10.	12.75	18.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	9	48900.	48800.	53800.	42800.	12720000.	3566.511	42800.	45650.	51700.	53800.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	1.9	1.942	2.2	1.8	0.015	0.124	1.8	1.825	2.	2.17
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	9	6.4	6.411	7.8	5.	1.056	1.028	5.	5.4	7.45	7.8
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	9	8.08	8.096	8.52	7.69	0.056	0.237	7.69	7.96	8.24	8.52
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	9	8.08	8.04	8.52	7.69	0.059	0.244	7.69	7.96	8.24	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	9	0.008	0.009	0.02	0.003	0.	0.005	0.003	0.006	0.011	0.02
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	9	32.1	32.	35.6	27.6	7.232	2.689	27.6	29.55	34.4	35.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.013	0.04	0.01	0.	0.009	0.01	0.01	0.01	0.034
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	11	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.018
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	9	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	9	0.699	0.732	1.	0.699	0.01	0.1	0.699	0.699	0.699	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			5.4								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	6.85	7.683	20.3	1.6	24.256	4.925	2.08	4.525	10.3	17.63

** - Less than 9 observations ## - Computed with 50% or 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 CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	21.7	21.12	24.8	16.2	15.187	3.897	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	26.5	26.	27.	24.	2.	1.414	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	6	5.	17.	75.	0.	834.	28.879	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	6	10.	9.	15.	2.	24.	4.899	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	6	2.45	3.733	6.9	2.	4.839	2.2	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	6	1.35	1.35	1.9	1.	0.115	0.339	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	6	11.5	11.5	13.	10.	1.1	1.049	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	4	45200.	46550.	51600.	44200.	11563333.333	3400.49	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	1.9	1.94	2.2	1.8	0.023	0.152	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	6.6	6.46	7.7	5.6	0.733	0.856	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	8.16	8.11	8.26	7.92	0.017	0.13	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	5	8.16	8.094	8.26	7.92	0.017	0.131	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	5	0.007	0.008	0.012	0.005	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	29.4	31.04	34.	28.6	7.388	2.718	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	5	0.008	0.007	0.01	0.003	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	5 ##	0.001	0.002	0.006	0.001	0.	0.002	**	**	**	**

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

Annual Analysis for 1993 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	6 ##	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	6 ##	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.5								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	6 ##	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.5								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	5.6	5.839	16.49	1.6	19.243	4.387	1.66	2.2	6.33	15.242

** - 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 box-and-whisker plot

Annual Analysis for 1994 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	25.3	24.757	30.8	16.	19.344	4.398	17.7	20.225	27.975	30.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	31.	27.915	32.5	20.6	19.96	4.468	21.2	22.85	31.5	32.5
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	13	40.	49.462	100.	5.	1356.269	36.828	7.	17.5	99.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	14	9.	9.286	20.	2.	20.527	4.531	3.	6.	12.25	17.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	4.7	4.975	8.5	1.7	4.26	2.064	2.06	3.425	6.625	8.32
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	14	0.95	1.021	1.8	0.7	0.073	0.269	0.75	0.875	1.125	1.5
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	12.5	12.833	23.	7.	25.061	5.006	7.3	8.25	16.75	21.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	13	47100.	46123.077	52500.	37300.	25090256.41	5009.018	38660.	40850.	50350.	52140.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	14	2.	2.086	2.6	1.8	0.095	0.308	1.8	1.8	2.3	2.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	5.9	5.708	7.1	4.4	0.569	0.754	4.4	5.2	6.15	6.78
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	13	8.06	8.033	8.14	7.86	0.007	0.082	7.872	7.995	8.09	8.124
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	8.06	8.025	8.14	7.86	0.007	0.082	7.872	7.995	8.09	8.124
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.009	0.009	0.014	0.007	0.	0.002	0.008	0.008	0.01	0.013
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	30.7	30.008	34.7	23.6	13.349	3.654	24.6	26.15	33.1	34.42
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.02	0.019	0.06	0.001	0.	0.016	0.002	0.01	0.02	0.056
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.01	0.012	0.022	0.008	0.	0.004	0.008	0.01	0.013	0.022
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12 ##	2.5	4.583	20.	2.5	24.811	4.981	2.5	2.5	5.	15.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12 ##	0.398	0.548	1.301	0.398	0.074	0.272	0.398	0.398	0.699	1.12
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.536								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12 ##	2.5	3.125	5.	2.5	1.278	1.131	2.5	2.5	4.375	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12 ##	0.398	0.473	0.699	0.398	0.019	0.136	0.398	0.398	0.624	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.973								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	12 ##	2.5	3.542	10.	2.5	5.066	2.251	2.5	2.5	4.375	8.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	12 ##	0.398	0.498	1.	0.398	0.038	0.196	0.398	0.398	0.624	0.91
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			3.15								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	7.13	6.84	14.	1.41	10.472	3.236	1.512	5.898	7.79	12.518

** - Less than 9 observations ## - Computed with 50% or 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 CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	8	27.7	24.713	31.8	15.4	42.007	6.481	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	27.	25.056	31.5	15.	25.465	5.046	15.	22.	27.75	31.5
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	8	50.	52.5	100.	10.	1021.429	31.96	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	9	8.	9.778	14.	6.	11.444	3.383	6.	7.	13.5	14.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	9	4.2	4.556	8.5	1.7	5.348	2.313	1.7	2.5	6.6	8.5
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	9	1.	1.311	2.	0.8	0.254	0.504	0.8	0.95	1.95	2.
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	9	13.	13.556	20.	10.	7.028	2.651	10.	13.	13.5	20.

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

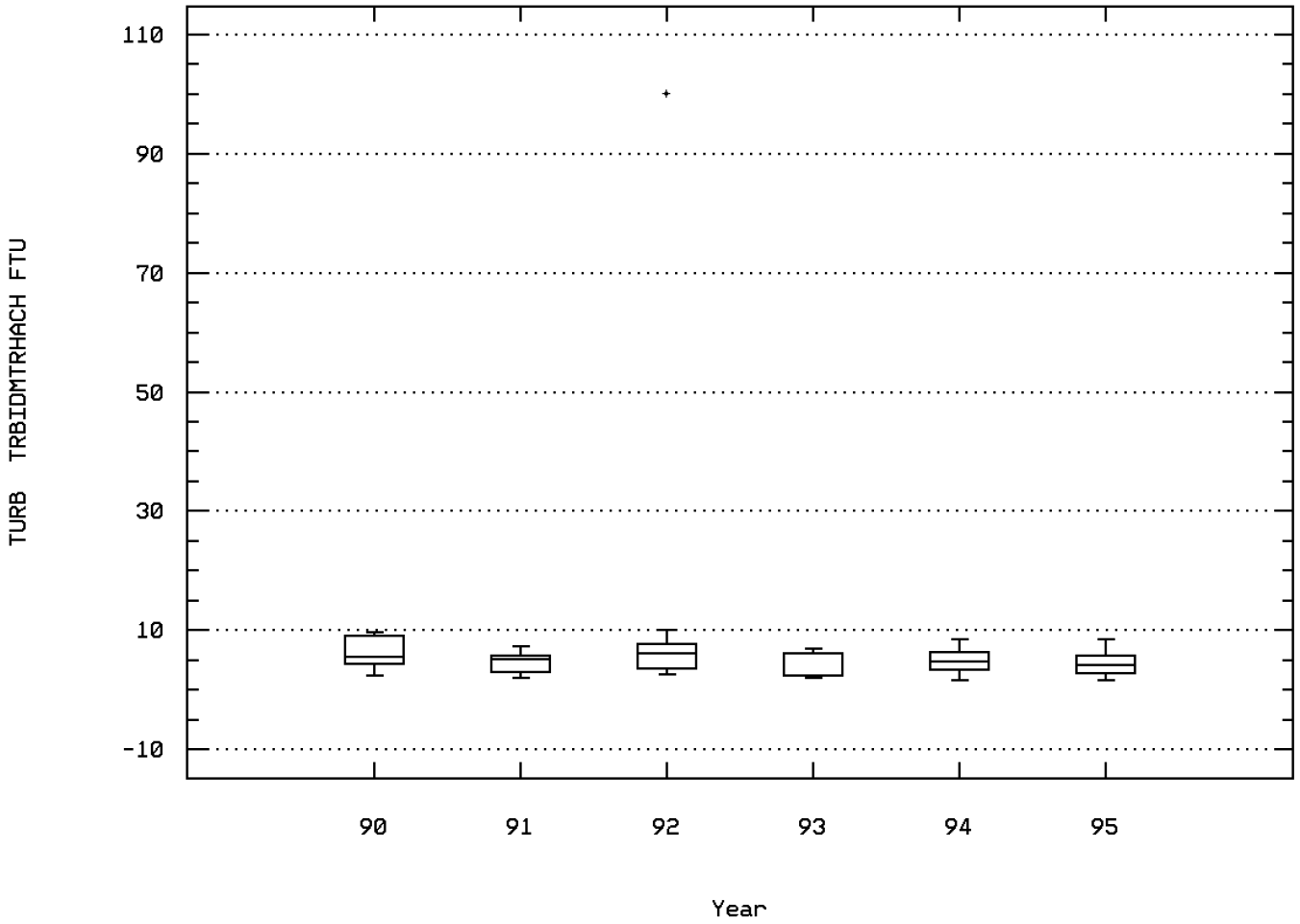
Annual Analysis for 1995 - Station CANA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	8	50150.	47862.5	53200.	37600.	31465535.714	5609.415	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	9	1.9	1.967	2.1	1.9	0.008	0.087	1.9	1.9	2.05	2.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	8	5.5	5.7	6.9	4.1	1.126	1.061	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	8	8.025	8.005	8.12	7.84	0.007	0.085	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	8	8.025	7.997	8.12	7.84	0.007	0.086	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	8	0.009	0.01	0.014	0.008	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	8	32.95	31.288	35.2	23.9	16.564	4.07	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	8	0.009	0.01	0.02	0.001	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	7	0.005	0.006	0.013	0.001	0.	0.005	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9 ##	2.5	6.111	20.	2.5	43.924	6.627	2.5	2.5	10.	20.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9 ##	0.398	0.618	1.301	0.398	0.134	0.367	0.398	0.398	0.938	1.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.151								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	9 ##	2.5	2.778	5.	2.5	0.694	0.833	2.5	2.5	2.5	5.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	9 ##	0.398	0.431	0.699	0.398	0.01	0.1	0.398	0.398	0.398	0.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.7								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	9 ##	2.5	3.889	10.	2.5	6.424	2.534	2.5	2.5	5.	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	9 ##	0.398	0.532	1.	0.398	0.048	0.219	0.398	0.398	0.699	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			3.402								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	9	5.12	7.013	13.99	1.86	23.066	4.803	1.86	2.575	12.185	13.99

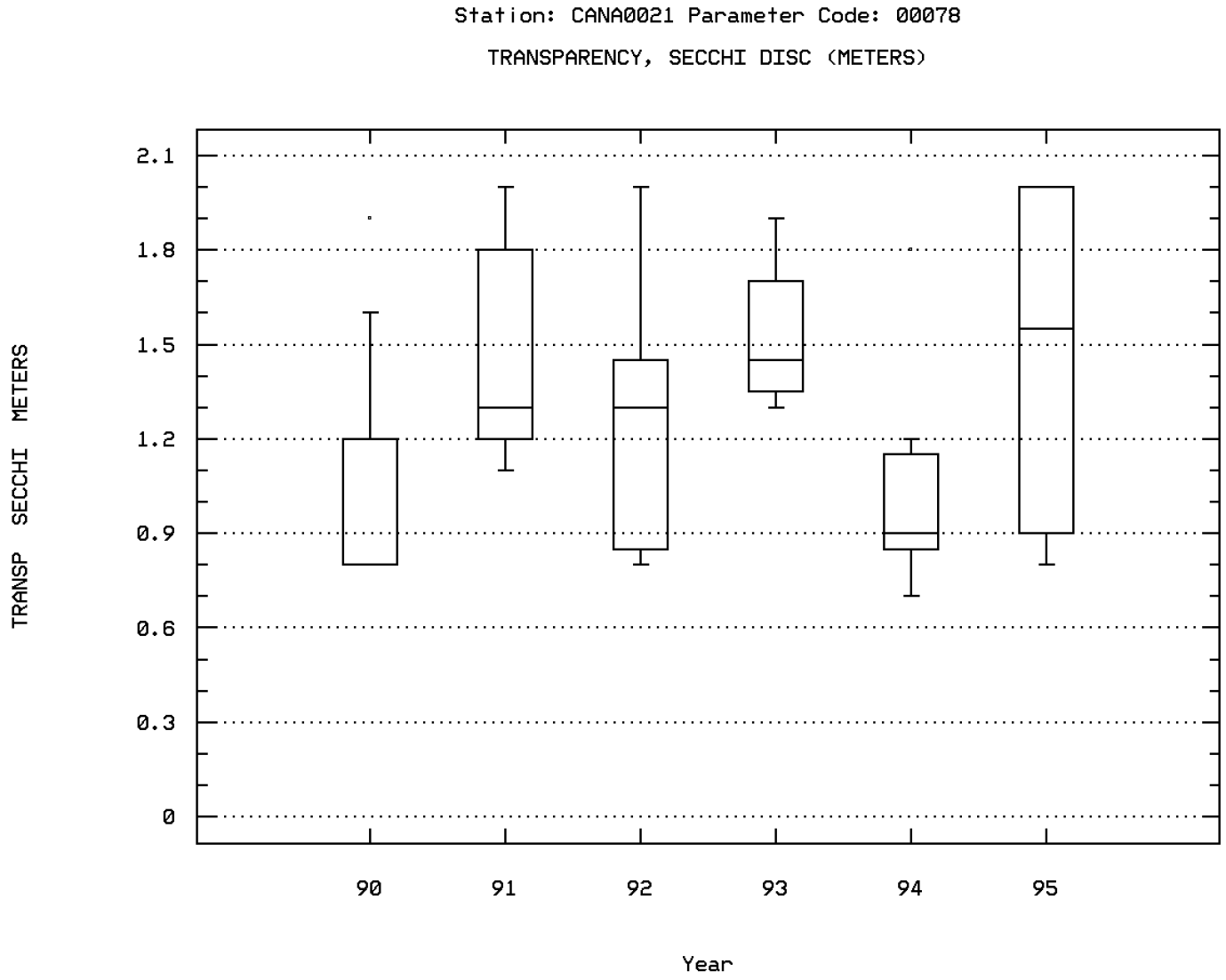
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CANA0021 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



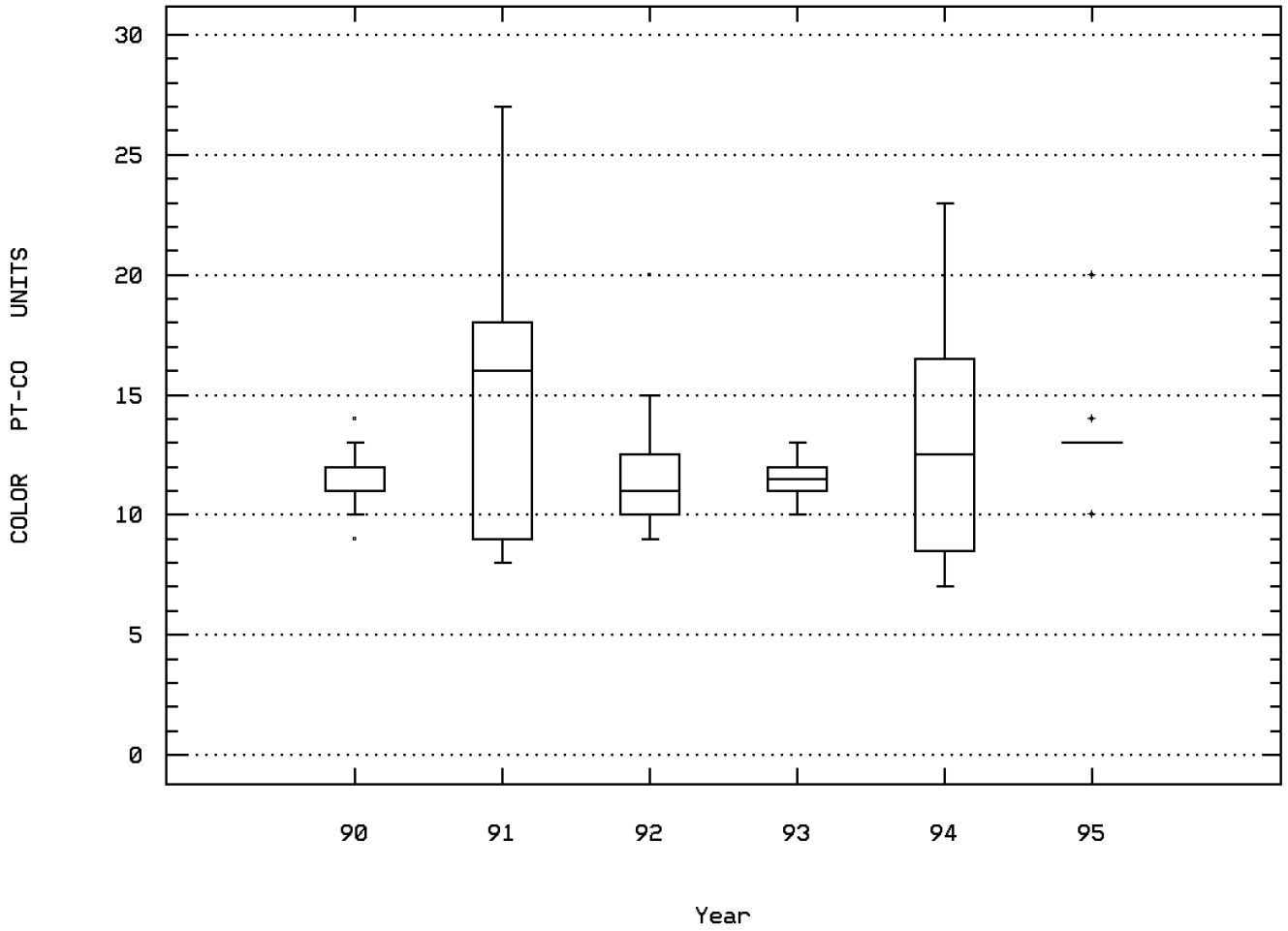
MOSQUITO LAGOON AT ICWW CM 22



MOSQUITO LAGOON AT ICWW CM 22

Station: CANA0021 Parameter Code: 00080

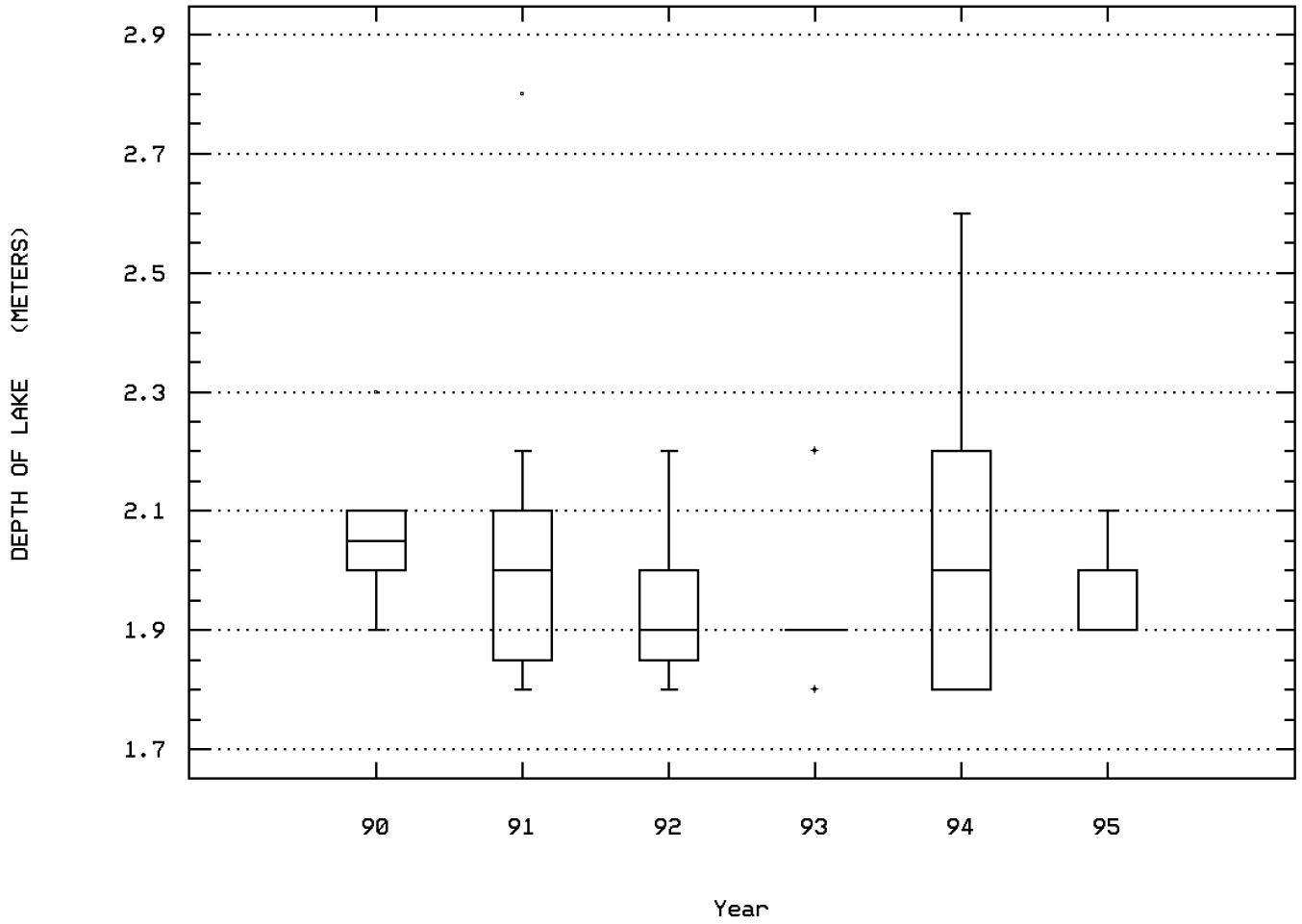
COLOR (PLATINUM-COBALT UNITS)



MOSQUITO LAGOON AT ICWW CM 22

Station: CANA0021 Parameter Code: 00205

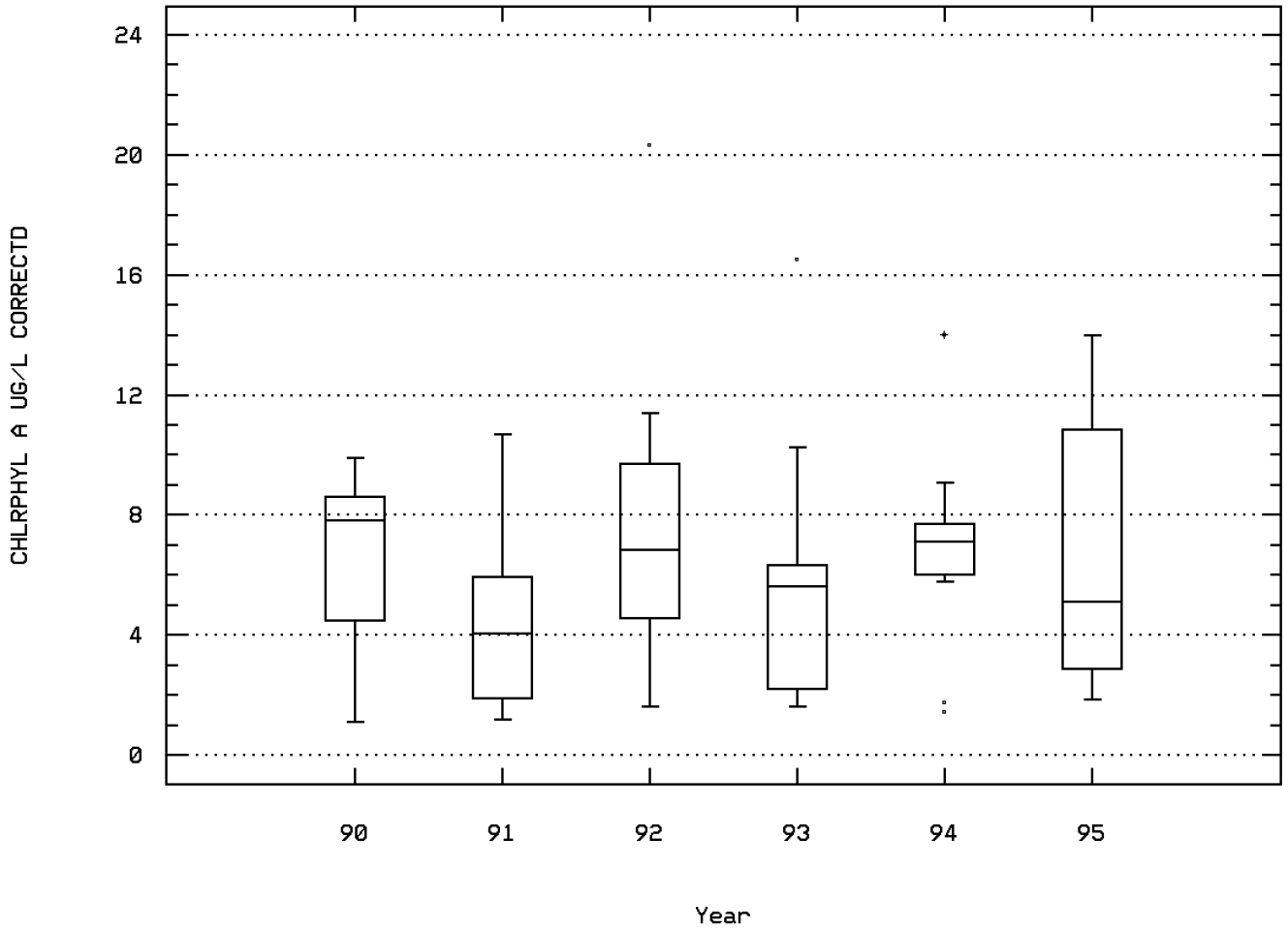
DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (



MOSQUITO LAGOON AT ICWW CM 22

Station: CANA0021 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



MOSQUITO LAGOON AT ICWW CM 22

Station Inventory for Station: CANA0022

NPS Station ID: CANA0022
LAT/LON: 28.818892/ -80.799727
Agency: 21FLA
Date Created: 06/16/84
Location: INDIAN R AT ICWW CM 21
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010467
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 9
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202001
RF1 Mile Point: 25.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER NORTH (MOSQUITO LAGOON) AT ICWW CM# 21, APPROX 4 MILES SEGMENT 27.1DA BODY OF WATER' RIVER, INDIAN
INDIAN RIVER NORTH %MOSQUITO LAGOON< AT ICWW CHANNEL MARKER]21, APPROX. 4 MILES SOUTH OF OAK HILL

Parameter Inventory for Station: CANA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/83-07/20/87	6	24.35	23.1	28.8	13.5	32.616	5.711	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/83-07/20/87	6	23.5	20.5	26.5	10.5	50.6	7.113	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/07/83-07/20/87	6	62.5	57.5	100.	0.	2237.5	47.302	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/07/83-07/20/87	6	20.	17.5	30.	5.	117.5	10.84	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-07/20/87	6	10.75	14.05	39.	3.8	170.655	13.063	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/83-07/20/87	6	0.8	0.75	1.1	0.3	0.095	0.308	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/07/83-07/20/87	6	16.5	19.667	35.	15.	60.667	7.789	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	6	45520.	45640.	51400.	40200.	13728800.	3705.24	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/83-07/20/87	3	43200.	42666.667	50700.	34100.	69103333.333	8312.841	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/07/83-07/20/87	6	6.5	6.567	8.1	4.8	1.567	1.252	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/07/83-07/20/87	6	2.15	2.083	2.7	1.1	0.39	0.624	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/07/83-07/20/87	6	8.05	8.05	8.3	7.7	0.055	0.235	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/07/83-07/20/87	6	8.047	7.996	8.3	7.7	0.058	0.242	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/83-07/20/87	6	0.009	0.01	0.02	0.005	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/83-07/20/87	3	8.3	8.233	8.3	8.1	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/83-07/20/87	3	8.3	8.223	8.3	8.1	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/83-07/20/87	3	0.005	0.006	0.008	0.005	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/07/83-07/20/87	6	131.5	133.333	151.	118.	151.467	12.307	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/07/83-07/20/87	6	29.5	30.033	33.8	28.5	3.883	1.97	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/07/83-07/20/87	6	31.	39.167	95.	7.	1068.567	32.689	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/07/83-07/20/87	6	1.355	1.378	1.89	0.95	0.11	0.331	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/83-07/20/87	6 ##	0.015	0.013	0.02	0.005	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/07/83-07/20/87	6	0.09	0.098	0.18	0.06	0.002	0.043	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-07/20/87	5	6.95	9.29	14.3	5.13	21.343	4.62	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	3	3.15	3.927	5.65	2.98	2.235	1.495	**	**	**	**
81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	5.2	5.2	5.2	5.2	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: CANA0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	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: CANA0023

NPS Station ID: CANA0023
LAT/LON: 28.853920/ -80.820448
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 3A
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_3A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE OAK HILL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE WESTERN MOST STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS IN SHALLOW WATER ON THE WEST EDGE OF THE LAGOON NEAR THE INTRACOASTAL WATERWAY IN AN AREA WITH NO SUBMERGED

Parameter Inventory for Station: CANA0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/02/92	6	17.5	18.333	40.	5.	146.667	12.111	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/02/92	6	41.	43.333	62.	32.	108.667	10.424	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/02/92	6	4.35	6.183	17.4	1.	37.13	6.093	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-06/02/92	6	-0.824	-1.074	-0.59	-2.207	0.403	0.635	**	**	**	**

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

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

Station Inventory for Station: CANA0024

NPS Station ID: CANA0024
LAT/LON: 28.854809/ -80.817254
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 3B
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_3B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE OAK HILL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE MIDDLE STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS IN THE CENTRAL BASIN OF THE LAGOON AND IS IN THE VICINITY OF A LARGE SEAGRASS MEADOW WITH WATER DEPTH LIKELY

Parameter Inventory for Station: CANA0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	09/04/91-04/06/92	2	30.	30.	40.	20.	200.	14.142	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/91-04/06/92	2	46.5	46.5	50.	43.	24.5	4.95	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	09/04/91-04/06/92	2 ##	9.375	9.375	18.	0.75	148.781	12.198	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/04/91-04/06/92	2	-1.349	-1.349	-1.108	-1.589	0.116	0.34	**	**	**	**

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

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

Station Inventory for Station: CANA0025

NPS Station ID: CANA0025 LAT/LON: 28.855281/ -80.811392 Agency: 21FLVEMD Date Created: 02/13/93
Location: MOSQUITO LAGOON EAST OF ICWW CM 13A FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ML19
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
MOSQUITO LAGOON EAST OF ICWW CHANNEL MARKER 13A NEAR THE SOUTHERN TIP OF THE FIRST ISLAND

Parameter Inventory for Station: CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	61	25.	23.751	31.1	15.1	27.684	5.262	16.1	18.3	28.7	30.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	61	26.	25.084	33.	13.2	29.753	5.455	16.28	21.5	29.45	32.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	63	35.	44.746	100.	0.	1261.999	35.525	3.	10.	85.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	67	8.	8.582	22.	2.	27.247	5.22	3.	5.	10.	18.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	66	3.25	3.6	9.3	1.	3.635	1.907	1.51	2.25	4.4	6.46
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	64	1.	0.991	1.6	0.6	0.029	0.172	0.8	0.8	1.1	1.2
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	66	13.	13.364	25.	8.	12.973	3.602	10.	11.	15.	18.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	58	49950.	49825.862	59600.	38400.	22628968.542	4756.992	44010.	46650.	53250.	55420.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	66	1.	1.023	1.6	0.6	0.034	0.185	0.8	0.9	1.1	1.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	60	5.95	5.977	9.2	3.1	2.133	1.461	4.11	4.9	7.175	7.69
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	60	8.	8.007	8.48	7.5	0.036	0.19	7.8	7.893	8.125	8.236
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	60	8.	7.964	8.48	7.5	0.038	0.195	7.8	7.892	8.125	8.236
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	60	0.01	0.011	0.032	0.003	0.	0.005	0.006	0.008	0.013	0.016
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	60	33.35	32.858	39.9	24.4	12.077	3.475	28.63	30.35	35.2	36.78
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	53	9.	12.283	72.	3.	154.245	12.42	5.	6.5	13.	19.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	19	0.011	0.034	0.14	0.01	0.002	0.042	0.01	0.01	0.04	0.105
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	56	1.16	1.179	2.5	0.6	0.161	0.401	0.688	0.83	1.5	1.7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	61	0.01	0.012	0.04	0.001	0.	0.007	0.008	0.01	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	49	0.05	0.049	0.11	0.01	0.001	0.026	0.01	0.03	0.07	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	55	0.01	0.035	1.23	0.001	0.027	0.164	0.008	0.01	0.015	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	66	5.	8.106	110.	2.5	233.473	15.28	2.5	2.5	5.	11.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	66	0.699	0.713	2.041	0.398	0.101	0.318	0.398	0.398	0.699	1.053
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.164								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	65	5.	11.885	370.	2.5	2073.248	45.533	2.5	2.5	7.5	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	65	0.699	0.715	2.568	0.398	0.134	0.366	0.398	0.398	0.849	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.187								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	64	5.	6.602	65.	2.5	66.541	8.157	2.5	2.5	10.	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	64	0.699	0.702	1.813	0.398	0.079	0.28	0.398	0.398	1.	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			5.038								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	37	3.8	4.202	18.44	0.52	11.574	3.402	0.932	2.035	5.295	9.342
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	72	2.8	3.474	15.95	0.	7.741	2.782	0.66	1.423	4.69	7.14
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	37	0.	0.048	0.38	0.	0.006	0.081	0.	0.	0.07	0.174
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	37	0.51	0.533	3.02	0.	0.293	0.541	0.	0.145	0.78	0.984
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	37	0.54	0.986	5.87	0.	1.453	1.205	0.	0.215	1.21	2.634
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/15/92-01/12/93	4	-0.995	-1.145	-0.76	-1.83	0.255	0.505	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	66	0	0.00	12	0	0.00	17	0	0.00	15	0	0.00	22	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	5	0.08	12	1	0.08	15	0	0.00	10	0	0.00	23	4	0.17
00400	PH	Other-Hi Lim.	9.	60	0	0.00	12	0	0.00	15	0	0.00	10	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	60	0	0.00	12	0	0.00	15	0	0.00	10	0	0.00	23	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	66	0	0.00	12	0	0.00	16	0	0.00	15	0	0.00	23	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	65	1	0.02	11	0	0.00	16	0	0.00	15	0	0.00	23	1	0.04
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	64	1	0.02	11	1	0.09	15	0	0.00	15	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 1990 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	26.1	25.522	30.3	15.1	23.019	4.798	15.1	22.7	29.15	30.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	25.	25.744	32.	17.4	27.733	5.266	17.4	21.9	31.75	32.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	9	60.	53.889	90.	0.	1179.861	34.349	0.	25.	87.5	90.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	9	10.	9.222	22.	3.	44.444	6.667	3.	3.	14.	22.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	9	2.9	4.056	8.4	1.	6.83	2.613	1.	2.	6.7	8.4
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	9	1.	0.944	1.1	0.7	0.018	0.133	0.7	0.85	1.05	1.1
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	9	12.	11.889	13.	8.	2.361	1.537	8.	12.	13.	13.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	9	1.	0.978	1.1	0.8	0.009	0.097	0.8	0.9	1.05	1.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	9	6.	6.522	9.2	3.1	3.972	1.993	3.1	5.3	8.35	9.2
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	9	8.1	7.956	8.3	7.5	0.093	0.305	7.5	7.65	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	9	8.1	7.859	8.3	7.5	0.103	0.321	7.5	7.65	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	9	0.008	0.014	0.032	0.005	0.	0.01	0.005	0.006	0.023	0.032
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	9	36.8	36.8	39.9	34.	3.335	1.826	34.	35.5	38.2	39.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	9	1.6	1.5	1.8	0.8	0.108	0.328	0.8	1.3	1.75	1.8
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	9	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.02	0.02	0.05	0.01	0.	0.013	0.01	0.01	0.025	0.05
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	8	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	8	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	8	10.	10.	10.	10.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	8	1.	1.	1.	1.	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			10.								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	9	2.5	3.311	7.9	0.5	6.599	2.569	0.5	1.05	5.3	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 1991 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	24.6	22.569	30.4	15.4	32.232	5.677	15.56	16.65	27.25	30.36
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	28.	25.964	33.	14.1	50.435	7.102	14.28	17.5	32.	33.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	11	40.	42.	100.	7.	967.	31.097	7.6	20.	50.	99.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	13	5.	8.154	20.	3.	23.641	4.862	3.8	5.	10.	18.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	13	2.4	2.562	4.3	1.1	1.169	1.081	1.14	1.55	3.6	4.14
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	10	1.	0.95	1.2	0.6	0.034	0.184	0.62	0.8	1.05	1.2
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	13.5	14.833	22.	10.	14.697	3.834	10.3	12.25	17.75	21.7
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	13	1.	0.977	1.5	0.6	0.052	0.228	0.68	0.8	1.1	1.38
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	7.1	6.908	9.1	5.5	1.351	1.162	5.5	5.8	7.85	8.82
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	13	8.01	8.009	8.3	7.58	0.051	0.225	7.608	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	8.01	7.952	8.3	7.58	0.054	0.233	7.608	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.01	0.011	0.026	0.005	0.	0.006	0.005	0.006	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	32.7	33.031	36.9	25.	10.717	3.274	27.12	31.25	35.75	36.62
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	13	1.3	1.138	1.9	0.6	0.184	0.429	0.6	0.75	1.5	1.78
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	13	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	13	0.01	0.012	0.02	0.01	0.	0.004	0.01	0.01	0.01	0.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	5.	7.083	20.	5.	20.265	4.502	5.	5.	8.75	17.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	0.699	0.799	1.301	0.699	0.038	0.196	0.699	0.699	0.925	1.211
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.3								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	5.	35.417	370.	5.	11102.083	105.366	5.	5.	5.	260.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	0.699	0.855	2.568	0.699	0.291	0.54	0.699	0.699	0.699	2.007
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.157								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	11	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	11	0.699	0.726	1.	0.699	0.008	0.091	0.699	0.699	0.699	0.94
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			5.325								

** - 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 box-and-whisker plot

Annual Analysis for 1991 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	13	2.2	2.054	3.5	0.2	1.086	1.042	0.56	1.25	3.15	3.46

** - 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

Annual Analysis for 1992 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	25.	24.827	30.2	15.4	24.26	4.925	16.04	20.7	28.7	30.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	24.	23.573	28.9	13.2	22.734	4.768	14.12	22.	27.1	28.64
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	13	40.	42.692	100.	0.	1169.231	34.194	0.	10.	70.	96.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	13	5.	8.462	20.	3.	47.436	6.887	3.	3.	15.	20.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	13	3.8	4.762	9.3	2.5	5.016	2.24	2.74	3.3	5.6	9.26
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	13	1.	0.931	1.1	0.8	0.014	0.118	0.8	0.8	1.	1.1
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	13	12.	11.846	15.	10.	3.474	1.864	10.	10.	13.	15.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	13	1.	0.962	1.2	0.8	0.018	0.133	0.8	0.8	1.05	1.16
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	11	5.	5.827	7.5	4.3	1.846	1.359	4.32	4.6	7.4	7.48
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	11	8.11	8.079	8.48	7.8	0.036	0.189	7.802	7.91	8.15	8.418
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	11	8.11	8.043	8.48	7.8	0.037	0.193	7.802	7.91	8.15	8.418
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	11	0.008	0.009	0.016	0.003	0.	0.004	0.004	0.007	0.012	0.016
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	11	34.2	33.673	36.6	30.1	5.296	2.301	30.18	31.4	36.1	36.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	13	1.2	1.245	1.6	0.8	0.09	0.3	0.8	0.97	1.55	1.6
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	12	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.017
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	12	0.01	0.012	0.02	0.01	0.	0.004	0.01	0.01	0.01	0.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	13	5.	14.231	110.	5.	845.192	29.072	5.	5.	5.	74.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	13	0.699	0.849	2.041	0.699	0.156	0.395	0.699	0.699	0.699	1.745
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.056								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	13	5.	10.	40.	5.	112.5	10.607	5.	5.	10.	34.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	13	0.699	0.869	1.602	0.699	0.093	0.304	0.699	0.699	1.	1.52
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.388								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	13	5.	5.769	10.	5.	3.526	1.878	5.	5.	5.	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	13	0.699	0.745	1.	0.699	0.013	0.113	0.699	0.699	0.699	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			5.563								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	13	5.5	4.946	10.3	1.4	7.956	2.821	1.56	2.	7.	9.06

** - 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 box-and-whisker plot

Annual Analysis for 1993 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	5	18.	19.32	23.5	15.8	9.487	3.08	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	22.5	22.75	26.	20.	10.25	3.202	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	6	4.	16.833	80.	0.	968.567	31.122	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	6	4.	5.667	12.	2.	18.667	4.32	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	6	2.75	3.017	4.9	2.	1.038	1.019	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	6	1.15	1.183	1.6	1.	0.05	0.223	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	6	12.5	11.833	13.	10.	2.167	1.472	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	5	1.2	1.22	1.6	1.	0.052	0.228	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	5	6.8	6.42	7.3	5.2	0.782	0.884	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	5	8.11	8.076	8.24	7.85	0.031	0.176	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	5	8.11	8.047	8.24	7.85	0.032	0.179	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	5	0.008	0.009	0.014	0.006	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	5	29.7	30.5	34.	28.9	4.075	2.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	6	0.685	0.71	0.82	0.62	0.007	0.083	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	4	0.007	0.006	0.008	0.003	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	4 ##	0.001	0.003	0.007	0.001	0.	0.003	**	**	**	**

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

Annual Analysis for 1993 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	6	5.	5.	10.	2.5	7.5	2.739	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	6	0.699	0.649	1.	0.398	0.051	0.227	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.454								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	6	5.	5.833	15.	2.5	21.667	4.655	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	6	0.699	0.678	1.176	0.398	0.081	0.285	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.766								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	6 ##	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.5								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	2.2	3.01	7.87	0.2	5.052	2.248	0.38	1.2	4.66	7.296

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

Annual Analysis for 1994 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	15	25.7	24.953	30.9	16.6	24.26	4.925	17.26	18.6	29.1	30.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	16	27.25	26.469	32.5	16.	32.396	5.692	16.	22.125	31.875	32.15
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	15	30.	53.4	100.	5.	1858.4	43.109	5.	10.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	16	7.5	8.563	20.	2.	20.796	4.56	4.1	6.	9.	18.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	15	4.7	4.34	6.6	1.6	2.333	1.527	2.2	2.9	5.5	6.48
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	16	1.	1.013	1.3	0.8	0.04	0.2	0.8	0.8	1.2	1.3
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	16	14.5	14.25	25.	8.	30.067	5.483	8.	10.	17.	25.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	16	1.	1.056	1.3	0.8	0.037	0.193	0.8	0.85	1.275	1.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	14	4.9	5.036	6.7	3.7	1.015	1.007	3.7	4.1	6.	6.45
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	14	7.995	7.991	8.17	7.83	0.01	0.1	7.855	7.91	8.08	8.14
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	14	7.995	7.981	8.17	7.83	0.01	0.101	7.855	7.91	8.08	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	14	0.01	0.01	0.015	0.007	0.	0.002	0.007	0.008	0.012	0.014
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	14	32.15	31.043	35.2	24.4	13.018	3.608	24.45	28.25	33.925	35.15
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	9	0.95	1.043	1.37	0.86	0.039	0.197	0.86	0.89	1.225	1.37
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	13	0.01	0.017	0.04	0.008	0.	0.011	0.008	0.01	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	10	0.013	0.015	0.033	0.009	0.	0.007	0.009	0.012	0.015	0.031
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	16 ##	2.5	8.75	65.	2.5	263.333	16.228	2.5	2.5	4.375	37.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	16 ##	0.398	0.616	1.813	0.398	0.196	0.442	0.398	0.398	0.624	1.522
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.134								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	16 ##	2.5	4.688	25.	2.5	33.229	5.764	2.5	2.5	4.375	14.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	16 ##	0.398	0.536	1.398	0.398	0.083	0.288	0.398	0.398	0.624	1.119
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.433								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	16 ##	2.5	9.219	65.	2.5	244.766	15.645	2.5	2.5	10.	33.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	16 ##	0.398	0.693	1.813	0.398	0.179	0.423	0.398	0.398	1.	1.455
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			4.936								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	16	3.475	3.847	9.05	0.	4.997	2.235	1.05	2.665	4.5	8.231

** - Less than 9 observations ## - Computed with 50% or 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 CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	8	22.35	22.713	31.1	16.1	40.33	6.351	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	25.	23.9	31.	15.	23.433	4.841	15.4	19.	27.25	30.7
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	9	35.	46.111	100.	10.	942.361	30.698	10.	20.	72.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	10	10.	10.5	15.	6.	10.056	3.171	6.1	7.75	13.5	15.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	10	1.85	2.27	3.9	1.3	0.909	0.953	1.3	1.6	3.3	3.87
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	10	1.	1.	1.1	0.8	0.009	0.094	0.81	0.975	1.1	1.1
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	10	14.	14.4	20.	12.	5.156	2.271	12.1	13.	15.25	19.6

** - 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

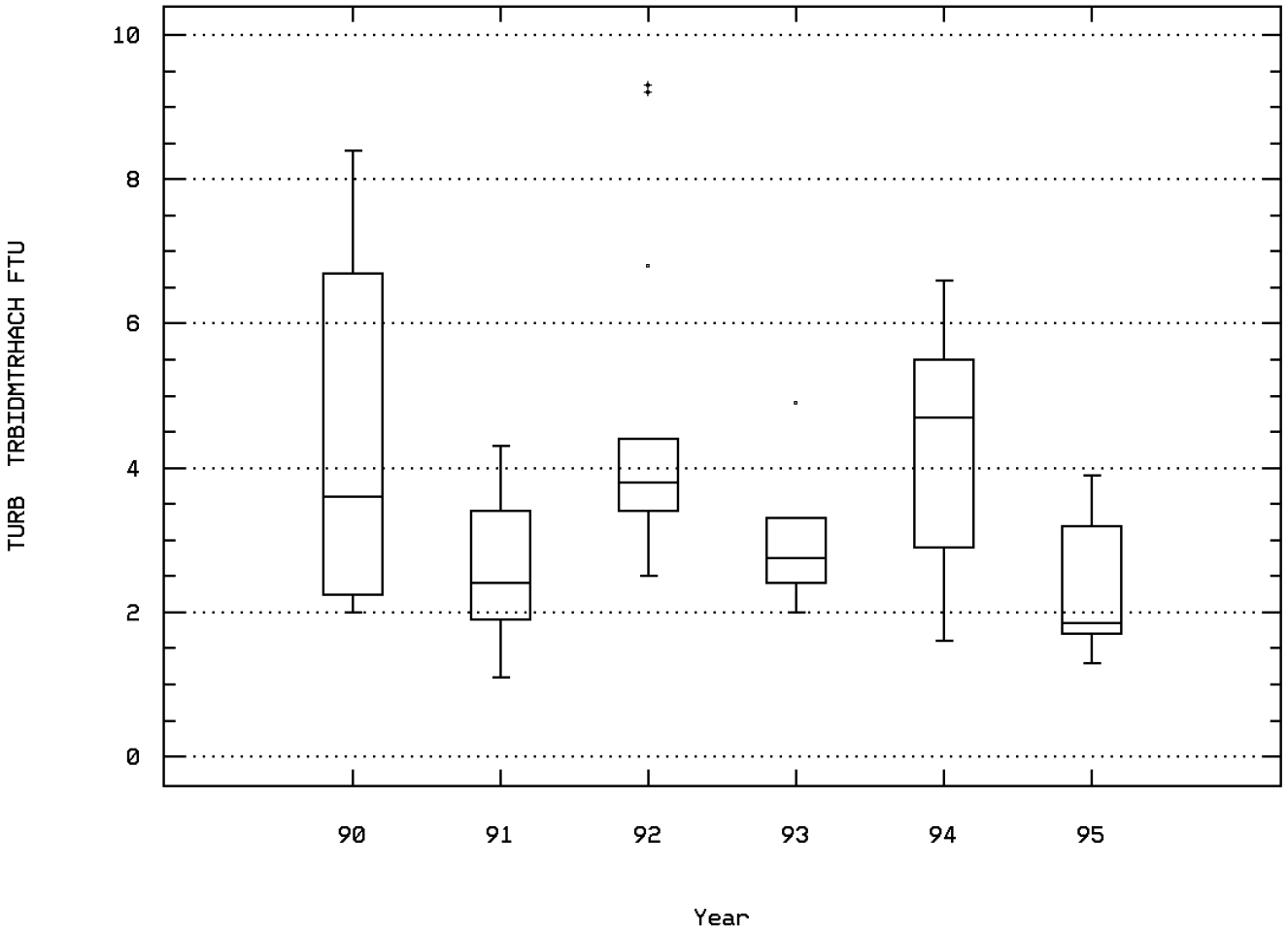
Annual Analysis for 1995 - Station CANA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	10	1.	1.05	1.3	0.8	0.025	0.158	0.81	0.975	1.15	1.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	8	5.5	5.425	7.4	3.8	1.871	1.368	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	8	7.975	7.949	8.06	7.82	0.006	0.078	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	8	7.975	7.942	8.06	7.82	0.006	0.079	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	8	0.011	0.011	0.015	0.009	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	8	32.7	31.675	35.1	25.	12.299	3.507	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	6	1.135	1.312	2.5	0.92	0.354	0.595	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.02	0.017	0.03	0.001	0.	0.01	0.001	0.008	0.023	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	7	0.012	0.185	1.23	0.003	0.212	0.461	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	10	5.	5.	10.	2.5	8.333	2.887	2.5	2.5	6.25	10.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	10	0.699	0.639	1.	0.398	0.056	0.237	0.398	0.398	0.774	1.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.353								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	10 ##	2.5	2.75	5.	2.5	0.625	0.791	2.5	2.5	2.5	4.75
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	10 ##	0.398	0.428	0.699	0.398	0.009	0.095	0.398	0.398	0.398	0.669
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.679								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	10 ##	2.5	4.5	10.	2.5	9.444	3.073	2.5	2.5	6.25	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	10 ##	0.398	0.579	1.	0.398	0.064	0.254	0.398	0.398	0.774	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			3.789								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	10	1.975	3.465	15.95	0.27	22.623	4.756	0.277	0.535	4.338	14.983

** - 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

Station: CANA0025 Parameter Code: 00076

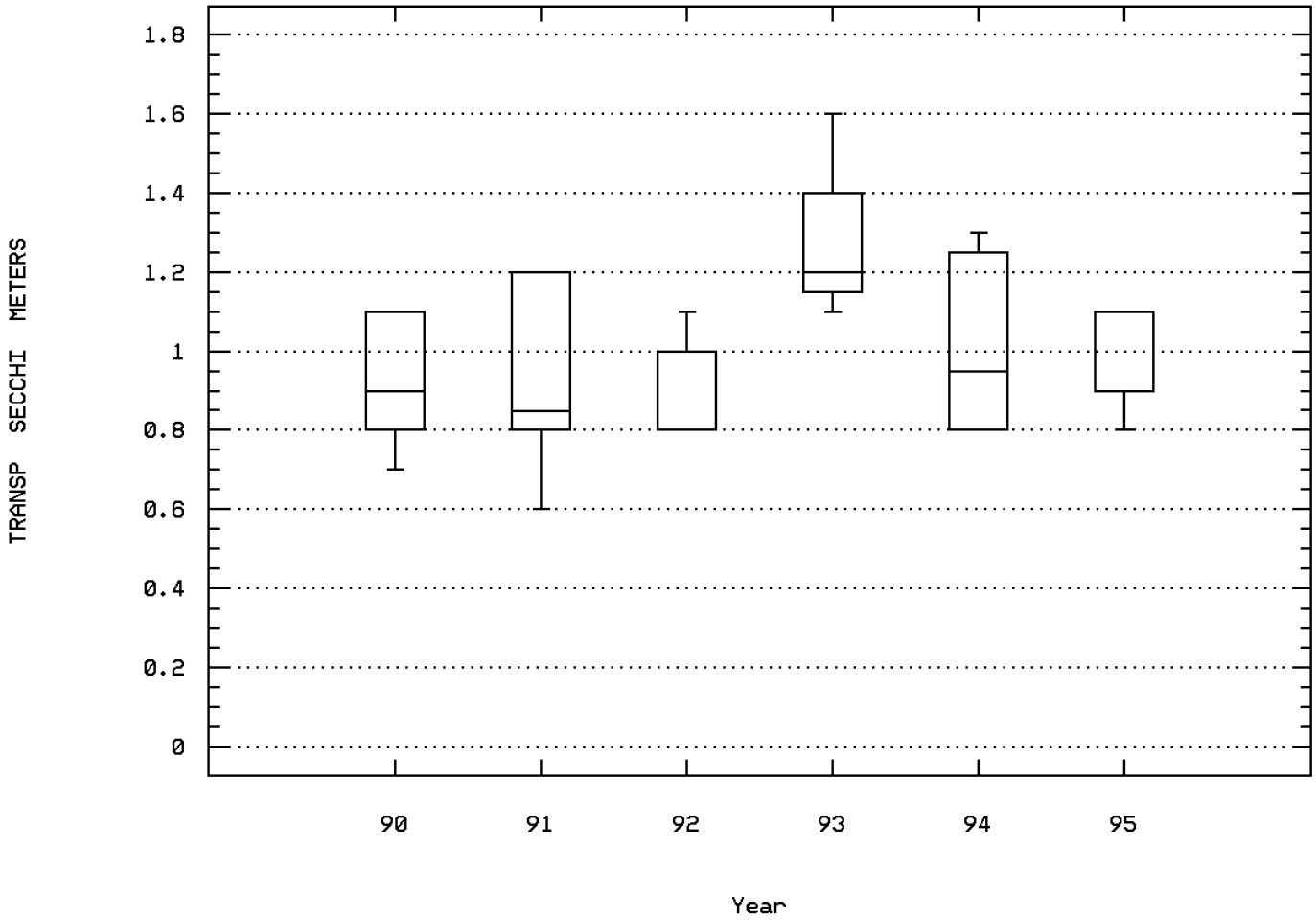
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



MOSQUITO LAGOON EAST OF ICWW CM 13A

Station: CANA0025 Parameter Code: 00078

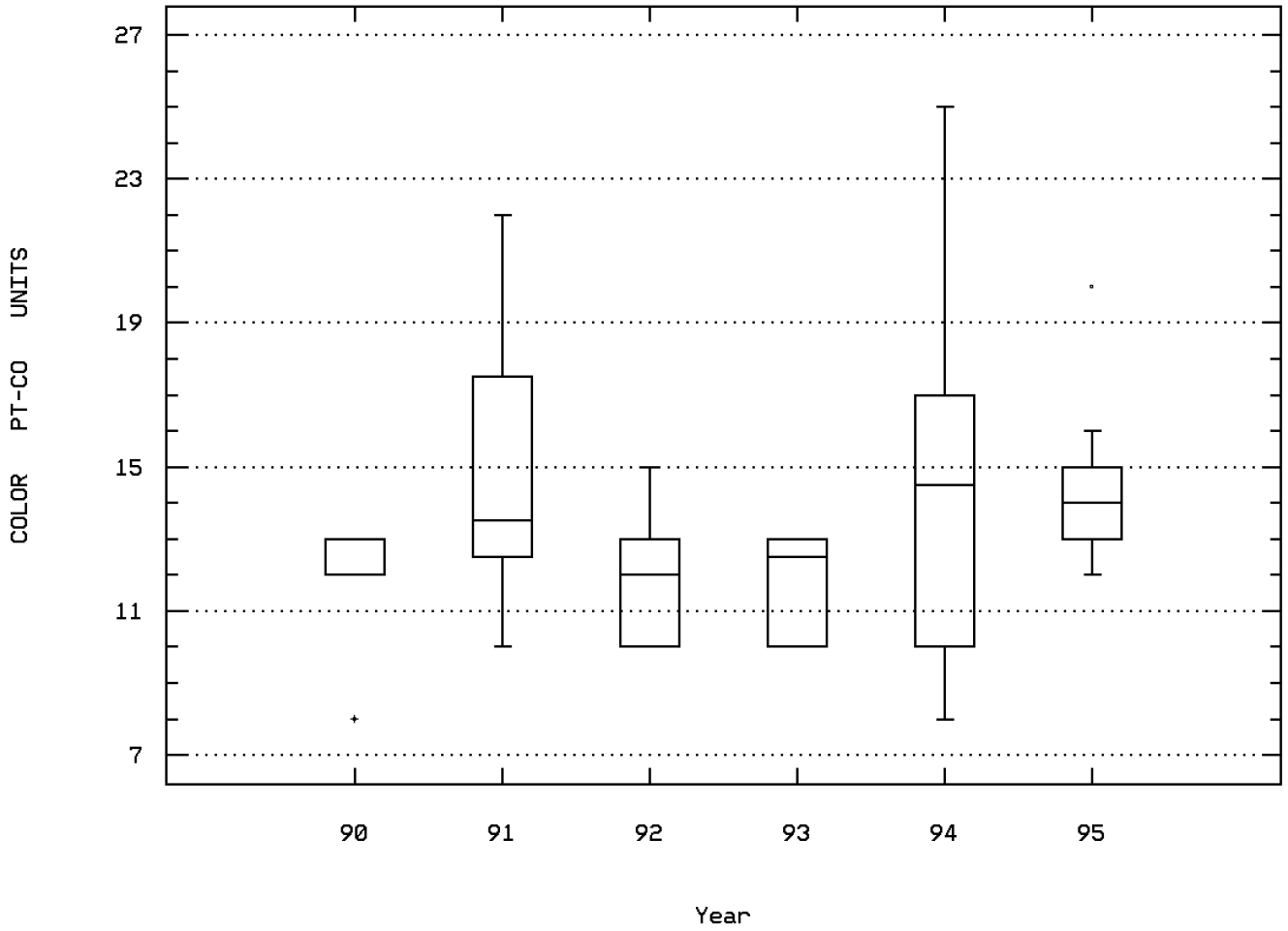
TRANSPARENCY, SECCHI DISC (METERS)



MOSQUITO LAGOON EAST OF ICWW CM 13A

Station: CANA0025 Parameter Code: 00080

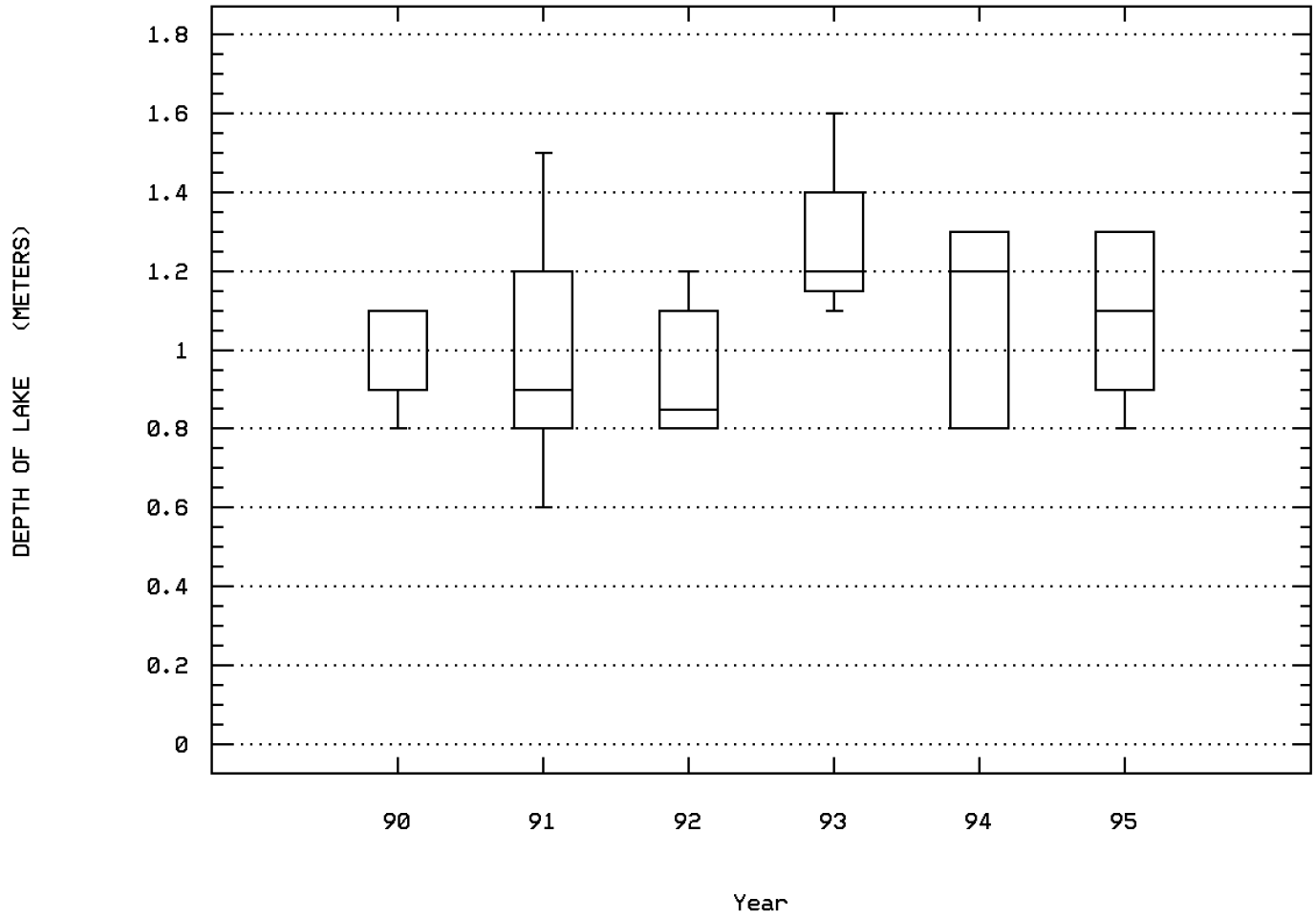
COLOR (PLATINUM-COBALT UNITS)



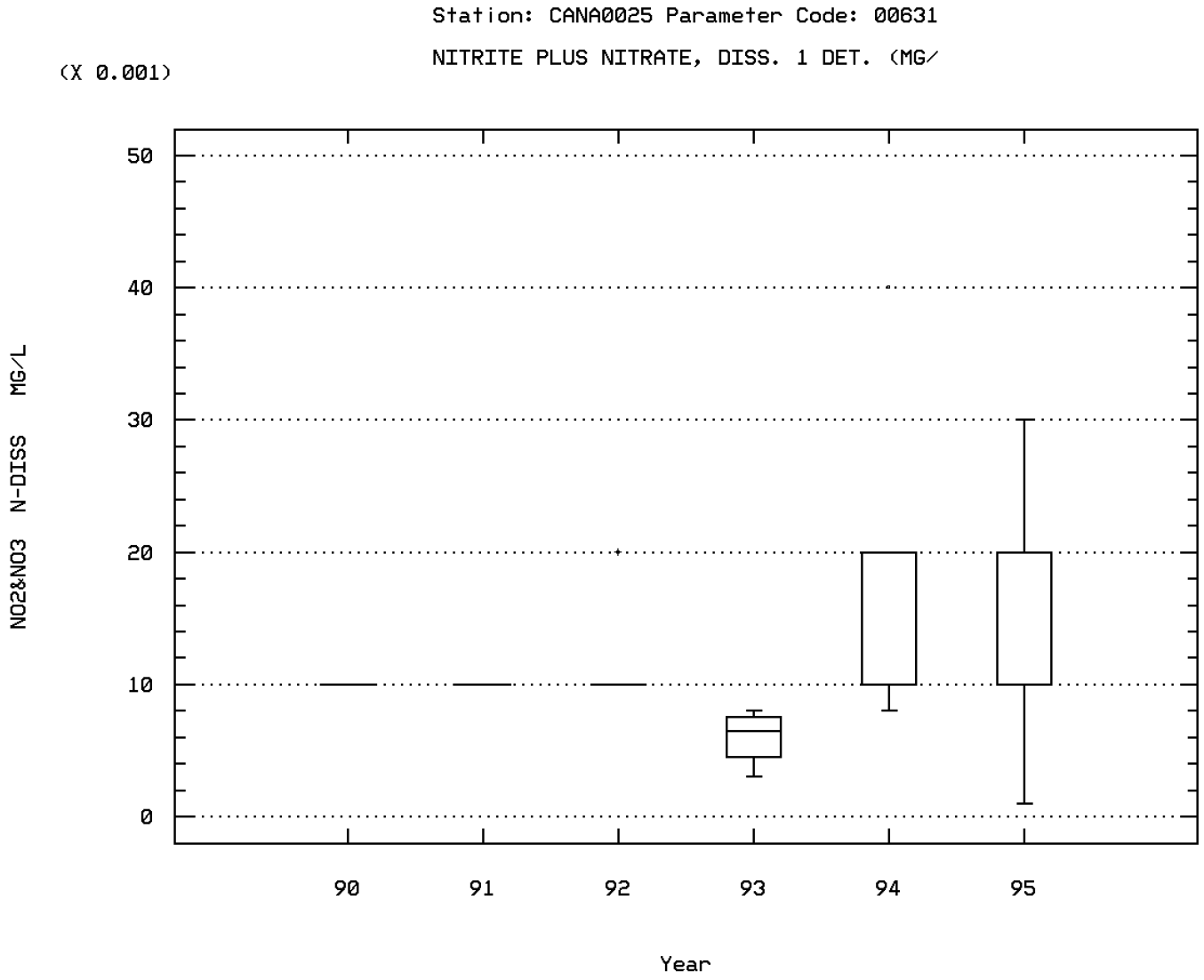
MOSQUITO LAGOON EAST OF ICWW CM 13A

Station: CANA0025 Parameter Code: 00205

DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (



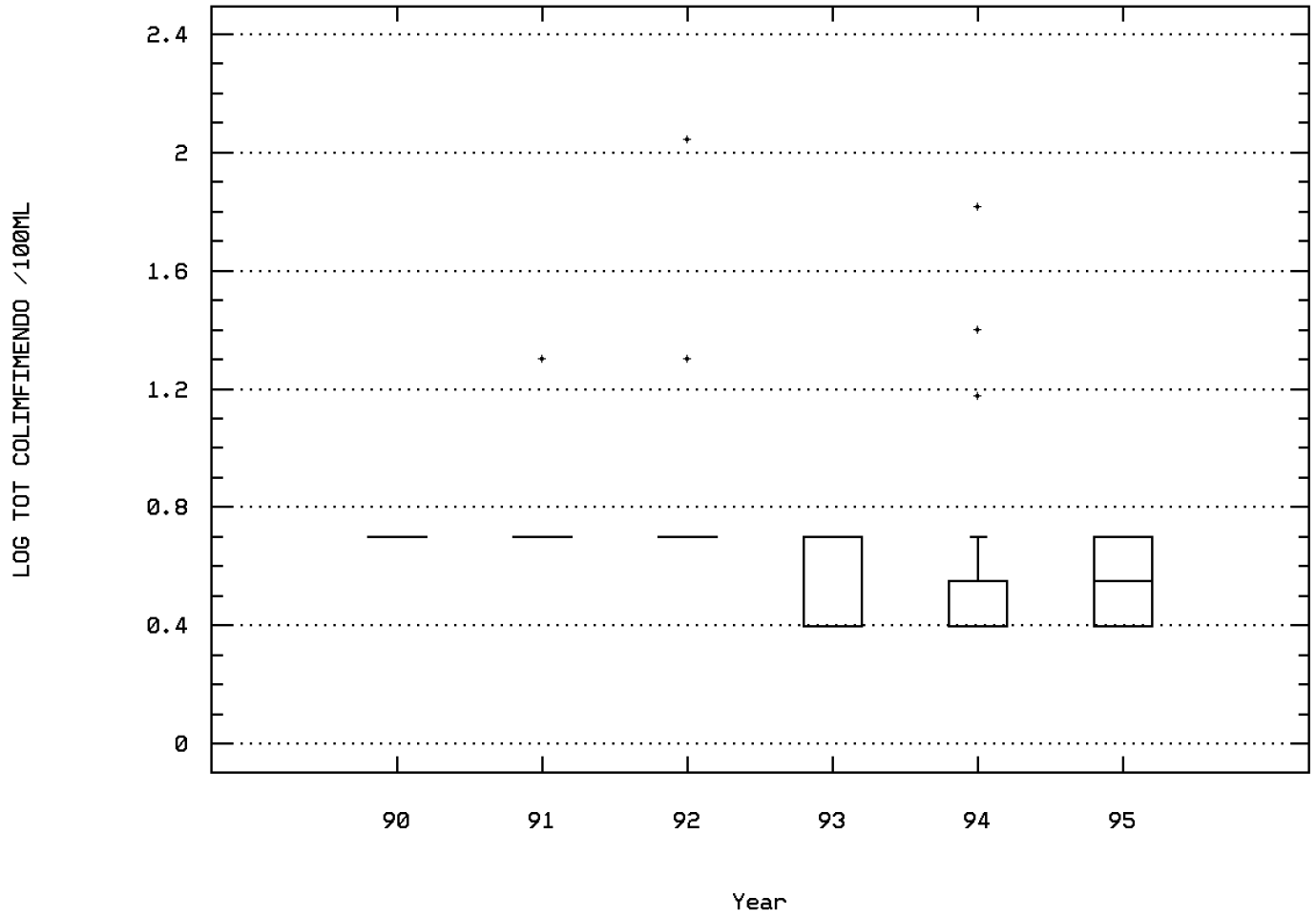
MOSQUITO LAGOON EAST OF ICWW CM 13A



MOSQUITO LAGOON EAST OF ICWW CM 13A

Station: CANA0025 Parameter Code: 31501

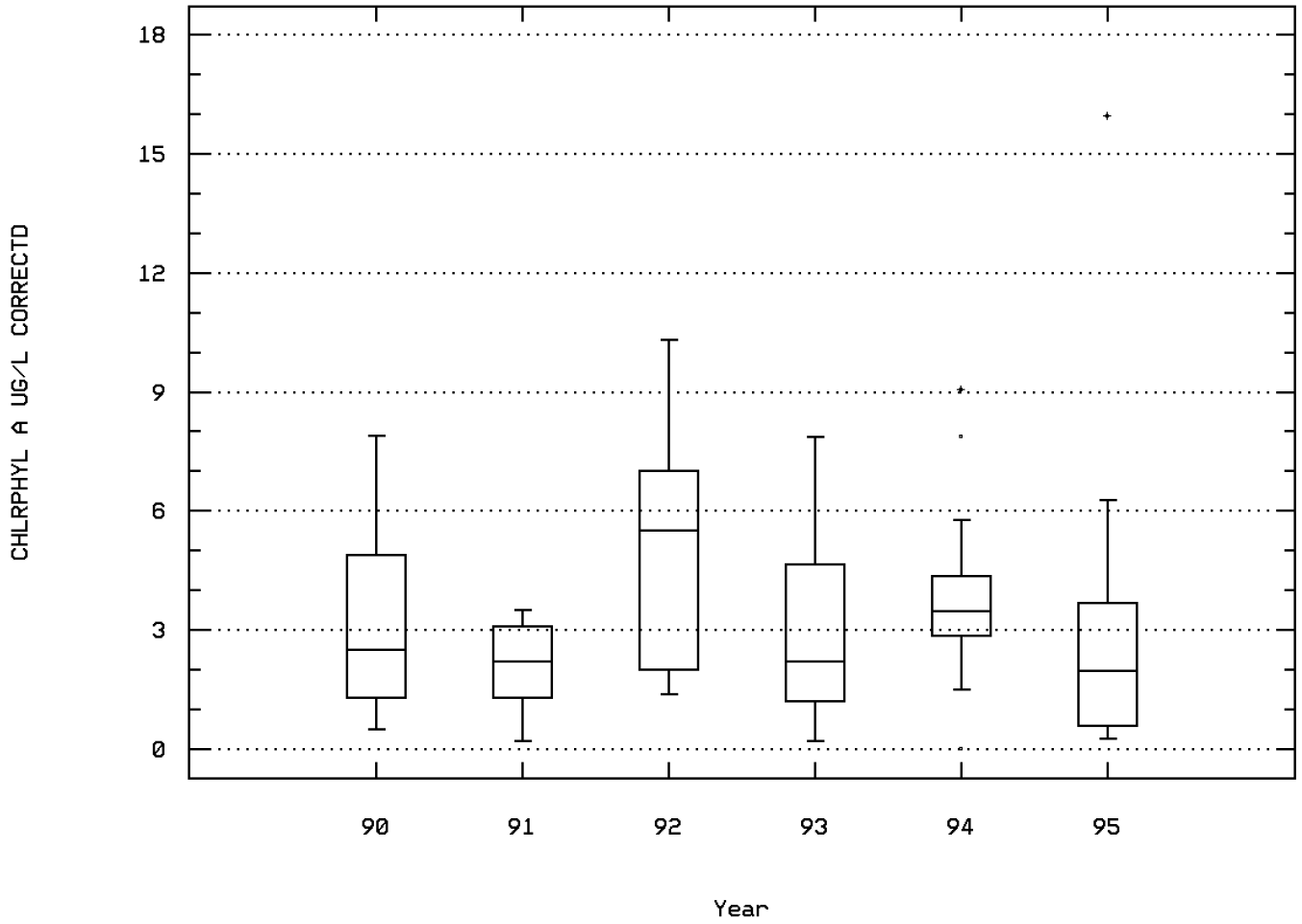
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



MOSQUITO LAGOON EAST OF ICWW CM 13A

Station: CANA0025 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



MOSQUITO LAGOON EAST OF ICWW CM 13A

Station Inventory for Station: CANA0026

NPS Station ID: CANA0026
LAT/LON: 28.855559/ -80.822226
Agency: 21FLVEMD
Date Created: 02/13/93
Location: MOSQUITO LAGOON AT ICWW CM 13A
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML18
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON AT ICWW CHANNEL MARKER 13A NEAR OAK HILL

Parameter Inventory for Station: CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	83	25.5	24.565	31.4	15.3	25.049	5.005	17.	18.7	29.1	30.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	66	26.25	25.518	33.	13.7	26.725	5.17	17.34	22.725	30.	32.15
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	67	30.	42.91	100.	0.	1246.022	35.299	5.	10.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	70	7.	7.9	22.	2.	17.859	4.226	3.	5.	10.	14.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	65	5.5	5.697	16.	1.5	6.872	2.621	2.3	4.15	7.45	8.58
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	70	1.05	1.178	2.	0.45	0.164	0.404	0.8	0.9	1.35	1.9
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	63	13.	13.778	33.	7.	23.047	4.801	9.	11.	15.	20.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	79	51300.	50800.	59400.	38500.	21000256.41	4582.604	43800.	48500.	53600.	56600.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	69	2.	2.162	3.8	1.	0.449	0.67	1.4	1.7	2.5	3.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	83	6.1	6.146	8.9	4.4	1.044	1.022	4.9	5.4	6.7	7.66
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	81	7.96	7.935	8.5	7.45	0.036	0.189	7.61	7.87	8.035	8.128
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	81	7.96	7.891	8.5	7.45	0.038	0.194	7.61	7.87	8.035	8.128
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	81	0.011	0.013	0.035	0.003	0.	0.007	0.007	0.009	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	83	34.	33.453	39.8	24.4	10.809	3.288	28.58	31.8	35.4	37.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	58	13.	15.5	82.	3.	141.096	11.878	5.9	10.	19.25	24.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	19	0.01	0.021	0.12	0.004	0.001	0.026	0.01	0.01	0.03	0.047
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	55	1.1	1.138	1.9	0.45	0.126	0.355	0.63	0.89	1.4	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	61	0.01	0.014	0.09	0.001	0.	0.013	0.007	0.01	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	49	0.06	0.064	0.15	0.01	0.001	0.029	0.03	0.05	0.085	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	59	0.01	0.015	0.05	0.001	0.	0.01	0.009	0.01	0.018	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	63	5.	11.667	120.	2.5	412.097	20.3	2.5	5.	10.	23.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	63	0.699	0.836	2.079	0.398	0.134	0.366	0.398	0.699	1.	1.359
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.852								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	61	5.	9.508	120.	2.5	244.962	15.651	2.5	5.	10.	19.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	61	0.699	0.796	2.079	0.398	0.116	0.34	0.398	0.699	1.	1.276
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.257								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	60	5.	19.167	320.	2.5	2630.014	51.284	2.5	5.	10.	43.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	60	0.699	0.86	2.505	0.398	0.219	0.468	0.398	0.699	1.	1.628
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			7.245								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	36	6.41	7.529	19.95	1.29	23.1	4.806	2.349	3.453	11.513	13.549
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	71	5.9	6.574	20.08	1.	16.109	4.014	1.696	3.2	9.2	11.526
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	36	0.	0.089	0.48	0.	0.02	0.142	0.	0.	0.118	0.353
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	36	0.885	1.118	3.56	0.06	0.545	0.738	0.238	0.685	1.59	1.922
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	36	1.015	1.303	5.2	0.	1.443	1.201	0.119	0.36	1.815	3.048
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/13/92-01/12/93	7	-1.28	-1.533	-1.16	-2.21	0.179	0.423	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	65	0	0.00	14	0	0.00	15	0	0.00	13	0	0.00	23	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	83	0	0.00	16	0	0.00	19	0	0.00	14	0	0.00	34	0	0.00
00400	PH	Other-Hi Lim.	9.	81	0	0.00	14	0	0.00	19	0	0.00	14	0	0.00	34	0	0.00
		Other-Lo Lim.	6.5	81	0	0.00	14	0	0.00	19	0	0.00	14	0	0.00	34	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	63	0	0.00	13	0	0.00	15	0	0.00	13	0	0.00	22	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	61	0	0.00	12	0	0.00	15	0	0.00	13	0	0.00	21	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	60	6	0.10	12	3	0.25	14	0	0.00	13	1	0.08	21	2	0.10

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

Annual Analysis for 1990 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	23	28.8	27.196	30.7	15.3	15.038	3.878	22.1	25.	30.6	30.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	24.5	26.073	32.	18.	23.568	4.855	18.6	22.8	31.	32.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	11	50.	52.727	90.	0.	1036.818	32.2	5.	25.	80.	90.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	11	10.	8.182	22.	2.	38.364	6.194	2.2	3.	10.	20.4
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	11	7.2	7.782	16.	2.2	14.362	3.79	2.74	5.5	9.9	15.2
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	1.	1.005	1.6	0.45	0.118	0.344	0.46	0.8	1.3	1.54
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	12.	11.909	14.	8.	3.091	1.758	8.6	11.	14.	14.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	19	56500.	55857.895	59400.	52900.	5165906.433	2272.863	53000.	53100.	56700.	59400.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	11	2.7	2.482	3.6	1.6	0.552	0.743	1.62	1.8	3.	3.6
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	23	6.1	6.152	7.6	5.2	0.39	0.624	5.34	5.7	6.5	7.2
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	21	8.	7.843	8.1	7.5	0.041	0.201	7.5	7.65	8.	8.
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	21	8.	7.795	8.1	7.5	0.043	0.207	7.5	7.65	8.	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	21	0.01	0.016	0.032	0.008	0.	0.008	0.01	0.01	0.023	0.032
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	23	37.4	36.683	39.8	34.	3.332	1.825	34.5	35.	37.7	39.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	11	16.	16.364	29.	3.	63.855	7.991	4.4	10.	24.	28.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	11	1.5	1.373	1.6	1.	0.052	0.228	1.	1.1	1.5	1.6
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.018
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	11	0.02	0.025	0.05	0.01	0.	0.016	0.01	0.01	0.04	0.048
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.732	1.	0.699	0.01	0.1	0.699	0.699	0.699	1.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.4								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	8	10.	11.25	20.	10.	12.5	3.536	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	8	1.	1.038	1.301	1.	0.011	0.106	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.905								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	8	10.	17.5	70.	10.	450.	21.213	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	8	1.	1.106	1.845	1.	0.089	0.299	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			12.754								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	8.8	7.664	13.4	1.8	17.377	4.169	2.12	3.5	11.8	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 1991 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	16	24.65	22.931	31.	16.8	26.478	5.146	16.94	17.15	26.975	30.72
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	12	27.25	25.158	33.	14.1	49.074	7.005	14.37	17.55	31.75	32.7
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	11	40.	42.727	100.	5.	986.818	31.414	6.	20.	50.	99.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	6.5	8.	15.	3.	16.364	4.045	3.6	5.	10.	15.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	5.15	5.233	8.3	1.6	4.426	2.104	1.81	3.675	7.25	8.06
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	1.1	1.255	1.8	0.9	0.095	0.308	0.92	1.	1.6	1.78
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	14.	16.636	27.	9.	45.455	6.742	9.2	10.	25.	26.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	16	53350.	50625.	55000.	38500.	18846000.	4341.198	44240.	47600.	53600.	54160.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	1.8	1.925	3.	1.2	0.264	0.514	1.26	1.55	2.1	2.91
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	16	6.35	6.85	8.9	5.3	1.58	1.257	5.37	5.75	8.1	8.9
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	16	8.	7.95	8.2	7.45	0.066	0.256	7.492	7.755	8.175	8.2
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	16	8.	7.87	8.2	7.45	0.072	0.269	7.492	7.755	8.175	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	16	0.01	0.013	0.035	0.006	0.	0.01	0.006	0.007	0.018	0.032
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	16	35.2	33.2	36.4	24.4	10.112	3.18	28.53	30.9	35.475	35.84
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	12	13.5	11.917	19.	4.	24.629	4.963	4.	8.25	15.5	18.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	12	1.2	1.158	1.9	0.6	0.177	0.421	0.63	0.725	1.55	1.81
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	12	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.024
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	12	0.01	0.013	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.027
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	5.	8.75	40.	5.	100.568	10.028	5.	5.	8.75	31.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	0.699	0.824	1.602	0.699	0.073	0.271	0.699	0.699	0.925	1.421
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.674								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	5.	7.917	30.	5.	56.629	7.525	5.	5.	5.	25.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	0.699	0.804	1.477	0.699	0.064	0.253	0.699	0.699	0.699	1.387

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

Annual Analysis for 1991 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.362								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	11	5.	10.455	60.	5.	272.273	16.501	5.	5.	5.	50.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	11	0.699	0.824	1.778	0.699	0.108	0.329	0.699	0.699	0.699	1.623
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.675								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	4.65	5.383	9.8	1.	7.6	2.757	1.57	3.375	8.15	9.59

** - Less than 9 observations ## - Computed with 50% or 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 CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	12	27.25	25.558	30.6	15.6	24.634	4.963	16.41	21.975	30.2	30.57
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	25.5	23.72	28.6	13.7	24.308	4.93	14.07	20.85	27.5	28.49
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	12	40.	44.167	100.	0.	1112.879	33.36	0.	21.25	78.75	97.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	5.	7.833	20.	3.	26.879	5.184	3.	5.	10.	18.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	6.3	6.083	8.8	1.8	4.563	2.136	2.19	4.825	8.025	8.68
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	12	1.1	1.142	1.8	0.8	0.139	0.373	0.8	0.8	1.425	1.8
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	12.	11.333	15.	7.	4.788	2.188	7.6	10.	13.	14.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	12	49600.	49300.	54000.	43800.	8909090.909	2984.81	44430.	46675.	51675.	53490.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	2.05	1.992	2.8	1.4	0.164	0.406	1.43	1.575	2.2	2.68
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	12	5.75	6.05	8.4	4.8	1.51	1.229	4.83	4.975	6.8	8.34
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	12	8.015	8.013	8.5	7.65	0.039	0.198	7.725	7.91	8.085	8.383
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	12	8.014	7.976	8.5	7.65	0.041	0.201	7.725	7.91	8.085	8.383
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	12	0.01	0.011	0.022	0.003	0.	0.005	0.005	0.008	0.012	0.019
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	12	32.55	32.275	35.8	28.3	4.709	2.17	28.75	30.45	33.95	35.41
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	12	14.	19.417	82.	5.	416.629	20.411	5.3	10.5	20.	64.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	12	1.25	1.207	1.8	0.59	0.184	0.429	0.593	0.723	1.575	1.77
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.015	0.06	0.01	0.	0.015	0.01	0.01	0.01	0.05
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	11	0.01	0.013	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	5.	17.5	105.	5.	870.455	29.503	5.	5.	16.25	85.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	0.699	0.935	2.021	0.699	0.205	0.453	0.699	0.699	1.151	1.895
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.602								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	5.	16.25	120.	5.	1100.568	33.175	5.	5.	5.	91.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	0.699	0.872	2.079	0.699	0.185	0.43	0.699	0.699	0.699	1.875
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.451								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	12	5.	29.167	240.	5.	4612.879	67.918	5.	5.	8.75	184.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	12	0.699	0.951	2.38	0.699	0.295	0.543	0.699	0.699	0.925	2.188
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			8.932								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	7.4	6.908	10.4	1.3	7.743	2.783	2.11	4.775	9.375	10.34

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

Annual Analysis for 1993 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	19.85	19.95	24.6	15.5	15.857	3.982	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	3	25.	23.667	26.	20.	10.333	3.215	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	5	5.	18.6	75.	0.	1007.3	31.738	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	8.	8.	12.	5.	9.5	3.082	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	3.9	4.6	8.7	2.3	6.08	2.466	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	1.2	1.18	1.6	0.8	0.092	0.303	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	13.	13.	14.	12.	1.	1.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	4	46150.	47500.	52900.	44800.	13566666.667	3683.296	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	4	1.75	1.825	2.2	1.6	0.069	0.263	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	4	6.4	6.55	7.6	5.8	0.63	0.794	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1993 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	4	8.035	8.028	8.25	7.79	0.041	0.203	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	4	8.025	7.992	8.25	7.79	0.043	0.207	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	4	0.009	0.01	0.016	0.006	0.	0.005	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	4	30.	31.	35.	29.	7.44	2.728	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	10.	10.6	22.	5.	45.8	6.768	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	5	0.7	0.674	0.8	0.45	0.019	0.138	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	4	0.008	0.01	0.02	0.003	0.	0.007	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	4 ##	0.001	0.003	0.008	0.001	0.	0.004	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	10.	10.	20.	2.5	59.375	7.706	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	5	1.	0.855	1.301	0.398	0.185	0.43	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.155								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	5.	8.	25.	2.5	91.875	9.585	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5	0.699	0.718	1.398	0.398	0.167	0.409	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.228								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	5.	9.	25.	2.5	89.375	9.454	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	5	0.699	0.779	1.398	0.398	0.182	0.427	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.006								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	7.91	7.228	11.51	2.1	13.852	3.722	2.28	3.2	10.64	11.478

** - 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

Annual Analysis for 1994 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	16	26.6	25.05	29.7	16.2	17.057	4.13	17.67	21.275	28.1	29.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	17	30.	27.665	33.	16.	25.784	5.078	19.04	23.8	32.5	32.6
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	16	20.	49.875	100.	5.	1856.917	43.092	5.	15.	99.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	17	7.	7.471	20.	2.	14.515	3.81	3.6	5.5	9.	11.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	15	5.	5.553	9.3	1.5	3.978	1.995	3.	4.3	6.8	8.64
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	17	0.9	0.982	1.9	0.8	0.064	0.253	0.8	0.9	1.	1.26
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	15	14.	14.8	33.	7.	44.314	6.657	8.2	9.	18.	25.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	15	48900.	47593.333	53400.	40600.	16054952.381	4006.863	41680.	43700.	50300.	52680.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	17	2.2	2.147	3.1	1.	0.451	0.672	1.32	1.45	2.75	3.1
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	15	5.5	5.393	7.1	4.4	0.686	0.828	4.4	4.6	6.	6.62
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	15	7.9	7.941	8.13	7.76	0.01	0.101	7.802	7.87	8.03	8.082
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	15	7.9	7.93	8.13	7.76	0.01	0.102	7.802	7.87	8.03	8.082
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	15	0.013	0.012	0.017	0.007	0.	0.003	0.008	0.009	0.013	0.016
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	15	32.	31.073	35.3	26.	8.581	2.929	26.78	28.2	33.	34.82
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	13	12.	13.462	24.	6.	35.269	5.939	6.4	9.5	18.	23.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	11	0.97	1.02	1.36	0.83	0.026	0.162	0.842	0.91	1.13	1.338
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	14	0.01	0.018	0.09	0.006	0.	0.021	0.006	0.008	0.02	0.055
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	12	0.014	0.016	0.044	0.009	0.	0.009	0.009	0.01	0.018	0.037
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	15	5.	18.	120.	2.5	898.393	29.973	2.5	5.	15.	72.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	15	0.699	0.961	2.079	0.398	0.214	0.462	0.398	0.699	1.176	1.793
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.15								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	15	5.	7.833	20.	2.5	34.702	5.891	2.5	2.5	15.	17.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	15	0.699	0.774	1.301	0.398	0.114	0.337	0.398	0.398	1.176	1.226
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.947								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	15	5.	30.167	320.	2.5	6565.595	81.028	2.5	2.5	20.	155.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	15	0.699	0.855	2.505	0.398	0.385	0.621	0.398	0.398	1.301	1.994
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			7.155								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	15	6.19	6.205	11.56	1.1	8.984	2.997	1.346	4.58	7.64	11.542

** - 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 box-and-whisker plot

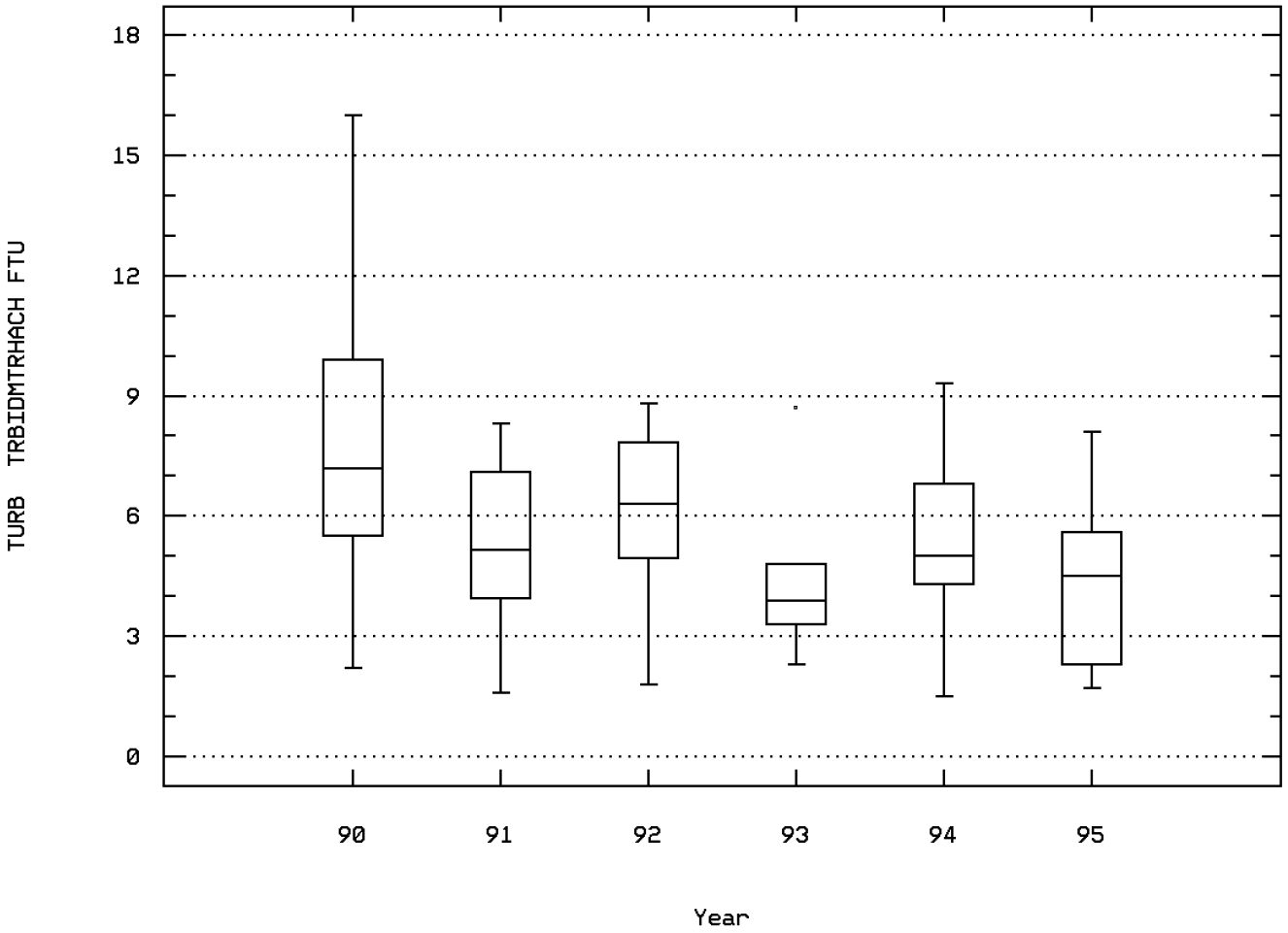
Annual Analysis for 1995 - Station CANA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	12	18.6	21.6	31.4	15.7	31.225	5.588	15.94	18.5	28.125	30.77
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	24.	24.385	31.	15.	13.923	3.731	17.4	24.	26.5	29.8
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	12	12.5	33.667	100.	8.	1094.606	33.085	8.	8.5	57.5	95.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	13	8.	8.154	14.	5.	8.141	2.853	5.4	6.	10.	13.6
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	10	4.5	4.26	8.1	1.7	4.238	2.059	1.76	2.3	5.675	7.88
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	14	1.9	1.521	2.	0.8	0.271	0.521	0.85	0.9	2.	2.
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	9	14.	14.556	20.	12.	5.278	2.297	12.	13.	15.	20.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	13	49700.	49723.077	53700.	38900.	14370256.41	3790.812	42220.	49300.	52800.	53580.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	13	2.2	2.392	3.8	1.3	0.796	0.892	1.38	1.65	3.15	3.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	6.5	6.1	6.9	4.7	0.665	0.815	4.82	5.2	6.8	6.86
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.96	7.958	8.12	7.8	0.004	0.067	7.848	7.95	7.97	8.064
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.96	7.954	8.12	7.8	0.005	0.067	7.848	7.95	7.97	8.064
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.011	0.011	0.016	0.008	0.	0.002	0.009	0.011	0.011	0.014
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	32.6	32.638	35.6	24.8	7.656	2.767	27.2	32.3	34.9	35.52
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	21.	23.	50.	7.	285.5	16.897	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	4	1.085	1.133	1.35	1.01	0.025	0.158	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	9	0.01	0.013	0.03	0.001	0.	0.009	0.001	0.009	0.02	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.014	0.013	0.018	0.004	0.	0.004	0.004	0.011	0.015	0.018
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	10	5.	5.	15.	2.5	13.889	3.727	2.5	2.5	5.	14.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	10	0.699	0.626	1.176	0.398	0.06	0.244	0.398	0.398	0.699	1.128
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.229								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	9 ##	2.5	4.722	15.	2.5	21.007	4.583	2.5	2.5	6.25	15.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	9 ##	0.398	0.551	1.176	0.398	0.095	0.307	0.398	0.398	0.699	1.176
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.559								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	9 ##	2.5	5.278	15.	2.5	19.444	4.41	2.5	2.5	7.5	15.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	9 ##	0.398	0.618	1.176	0.398	0.089	0.298	0.398	0.398	0.849	1.176
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			4.151								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	10	2.6	6.237	20.08	1.05	53.496	7.314	1.094	1.625	11.568	19.942

** - 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 box-and-whisker plot

Station: CANA0026 Parameter Code: 00076

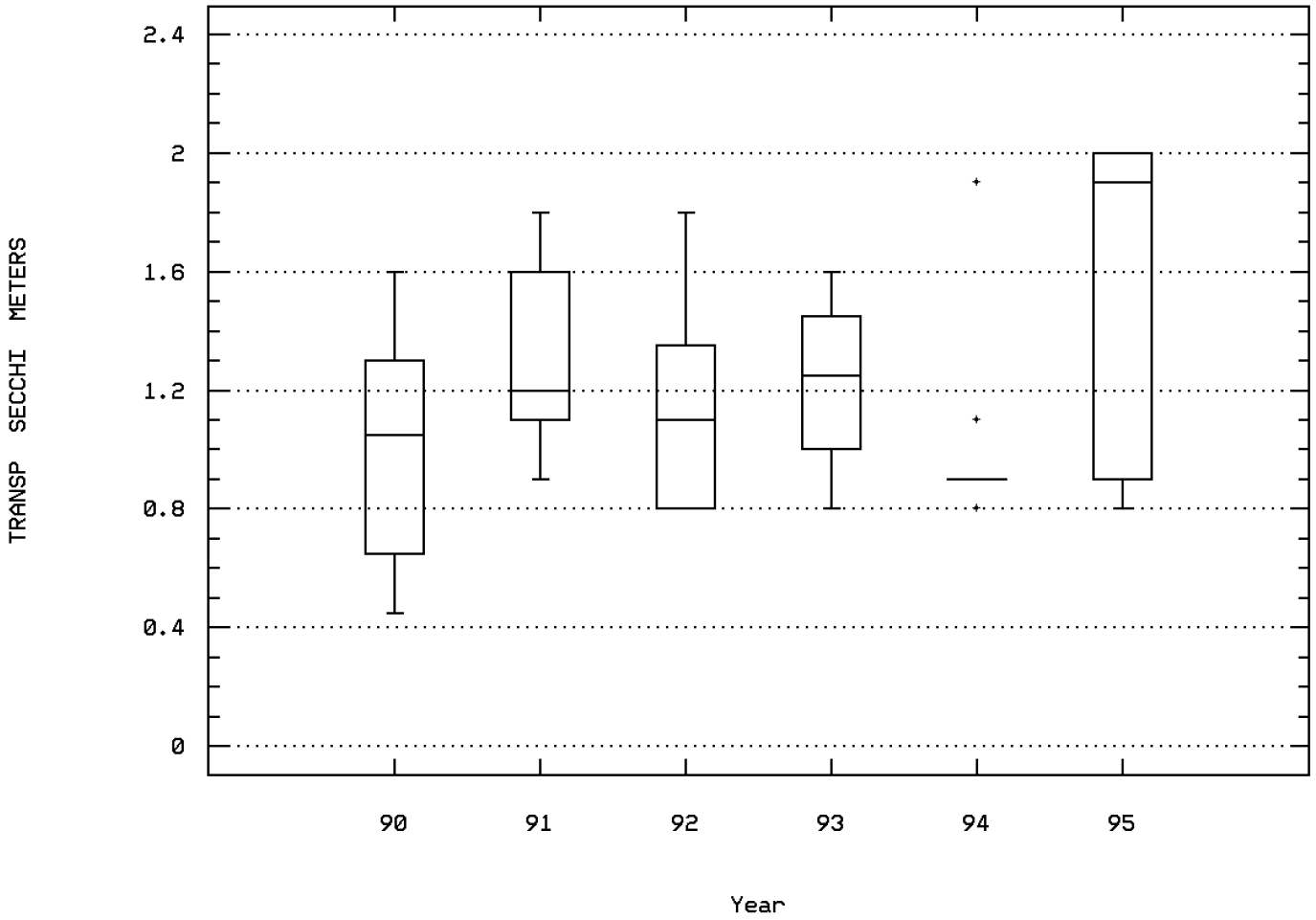
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



MOSQUITO LAGOON AT ICWW CM 13A

Station: CANA0026 Parameter Code: 00078

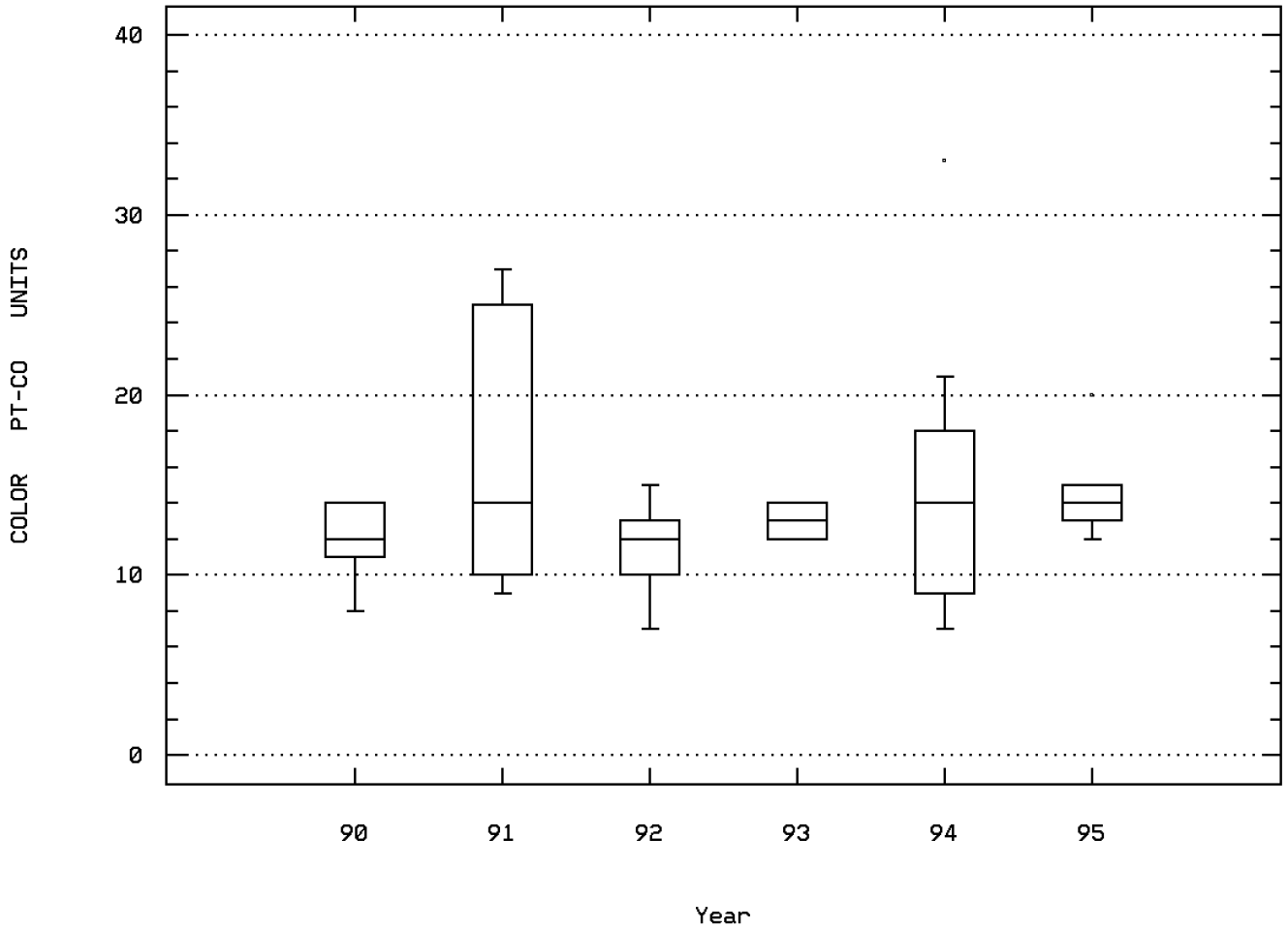
TRANSPARENCY, SECCHI DISC (METERS)



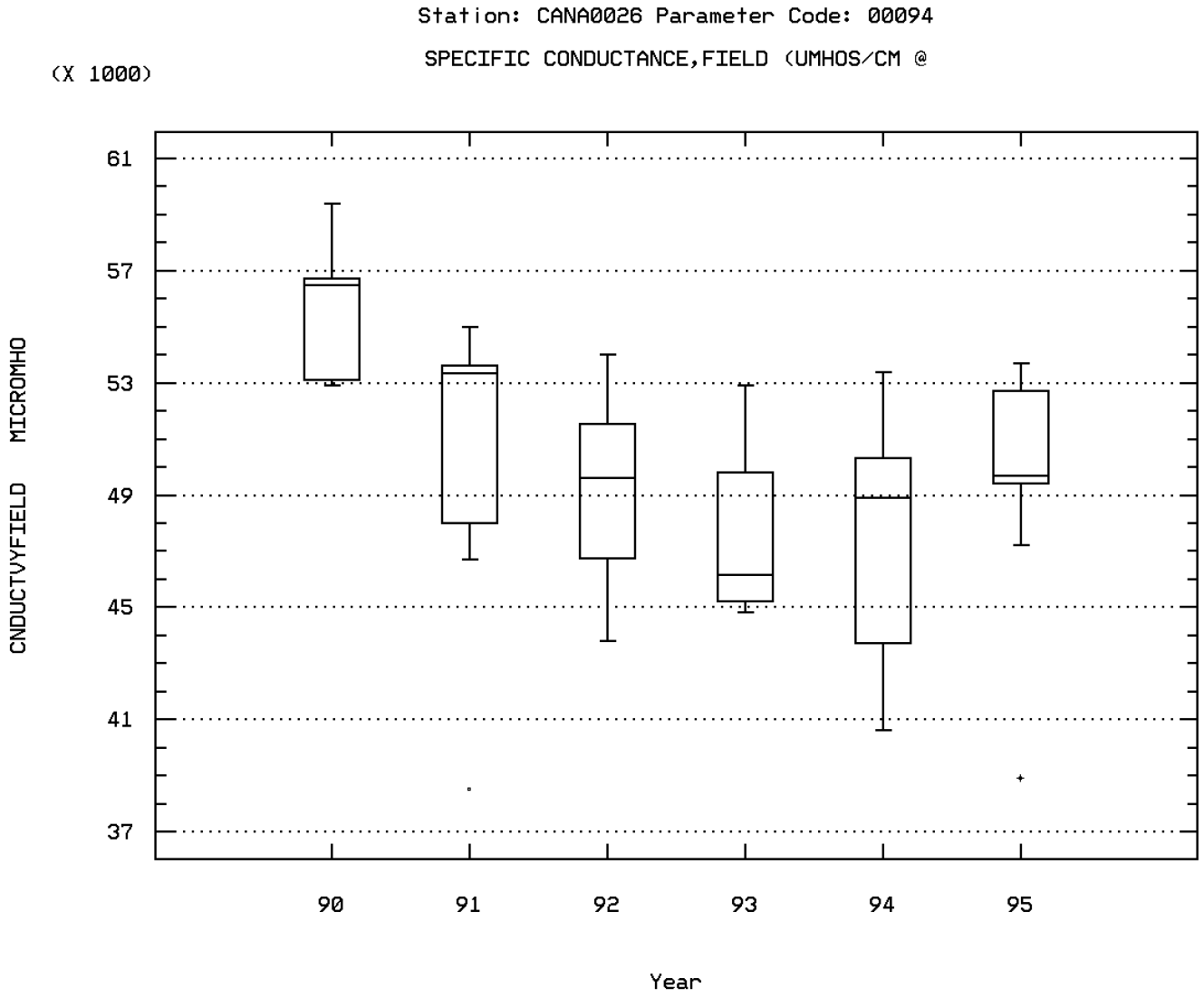
MOSQUITO LAGOON AT ICWW CM 13A

Station: CANA0026 Parameter Code: 00080

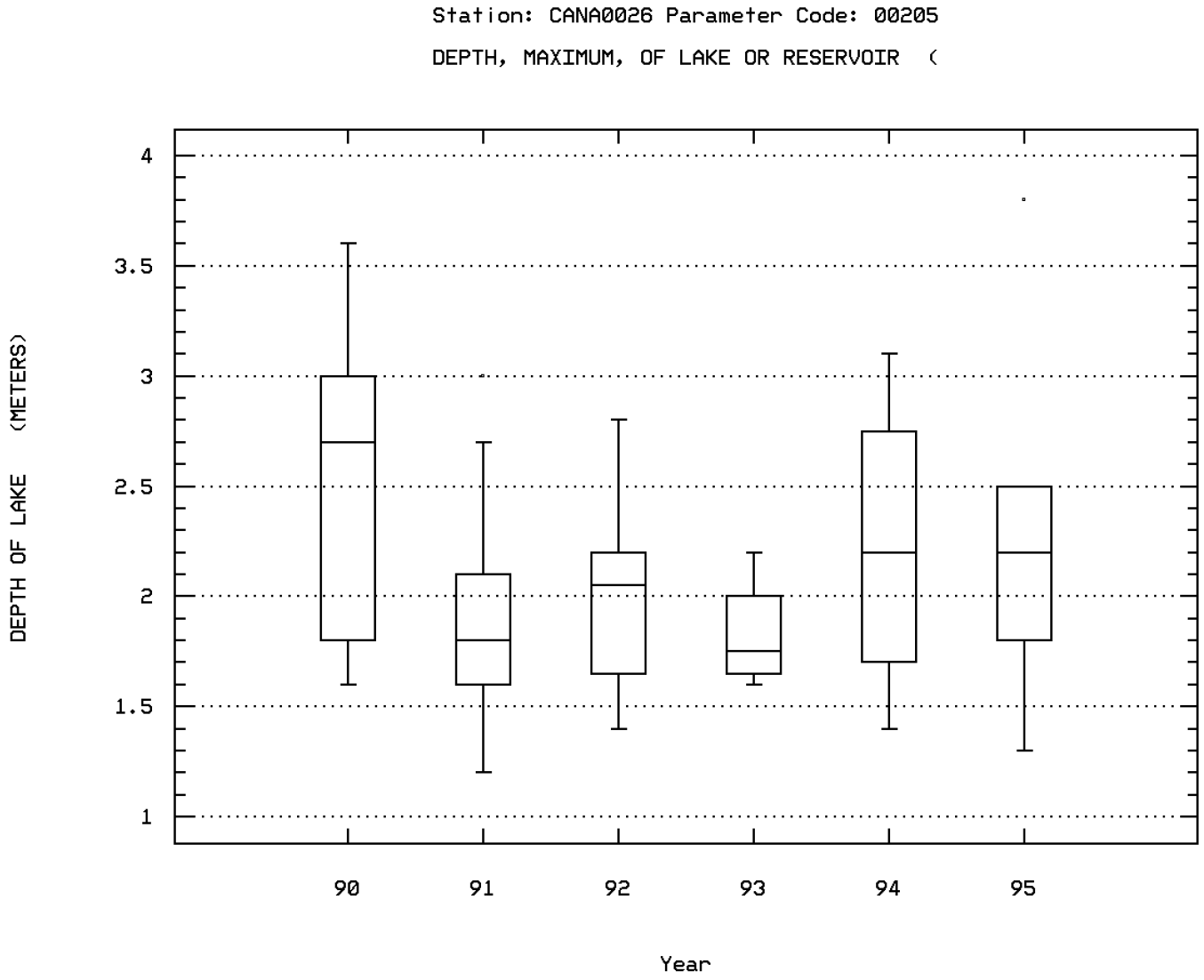
COLOR (PLATINUM-COBALT UNITS)



MOSQUITO LAGOON AT ICWW CM 13A



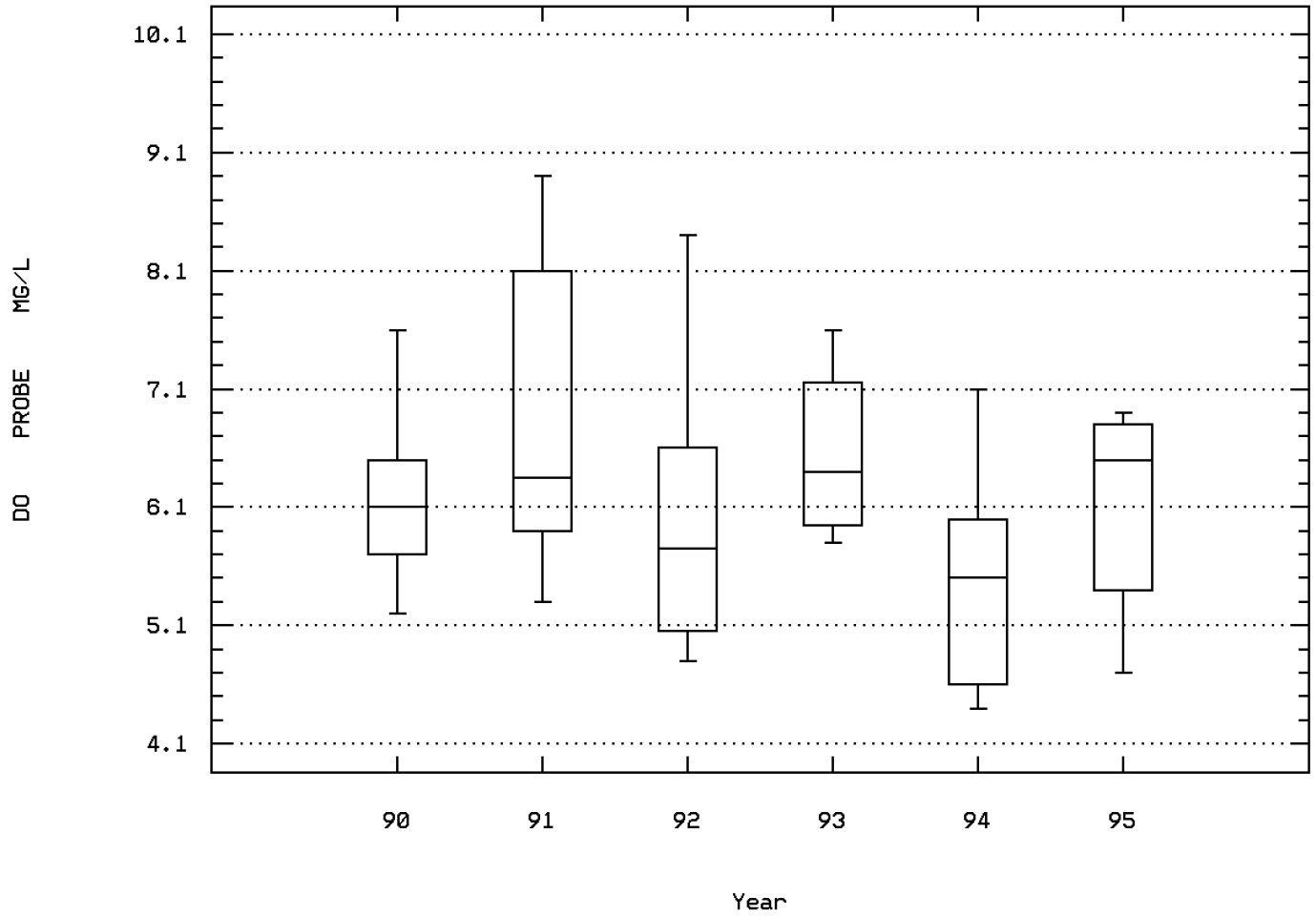
MOSQUITO LAGOON AT ICWW CM 13A



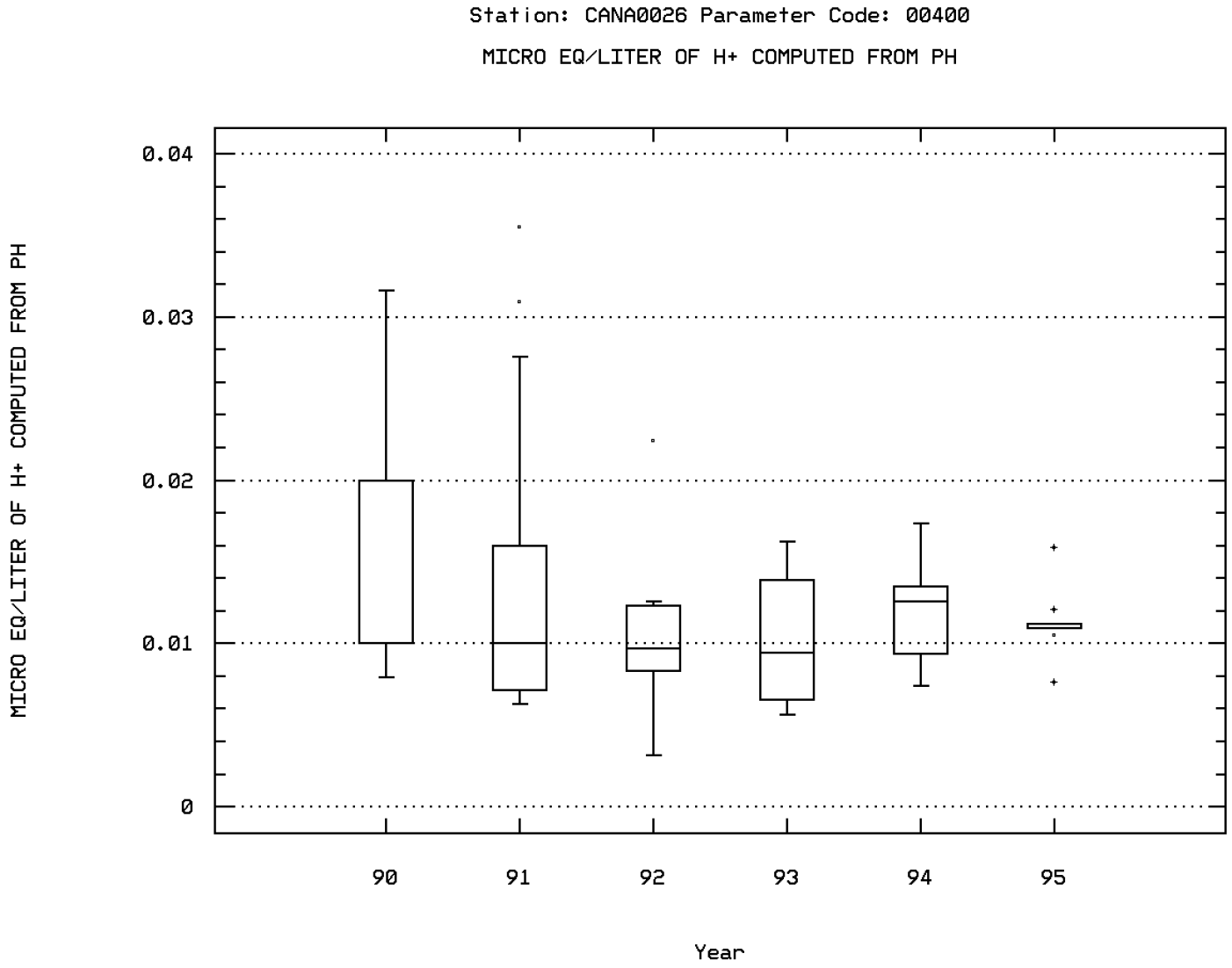
MOSQUITO LAGOON AT ICWW CM 13A

Station: CANA0026 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



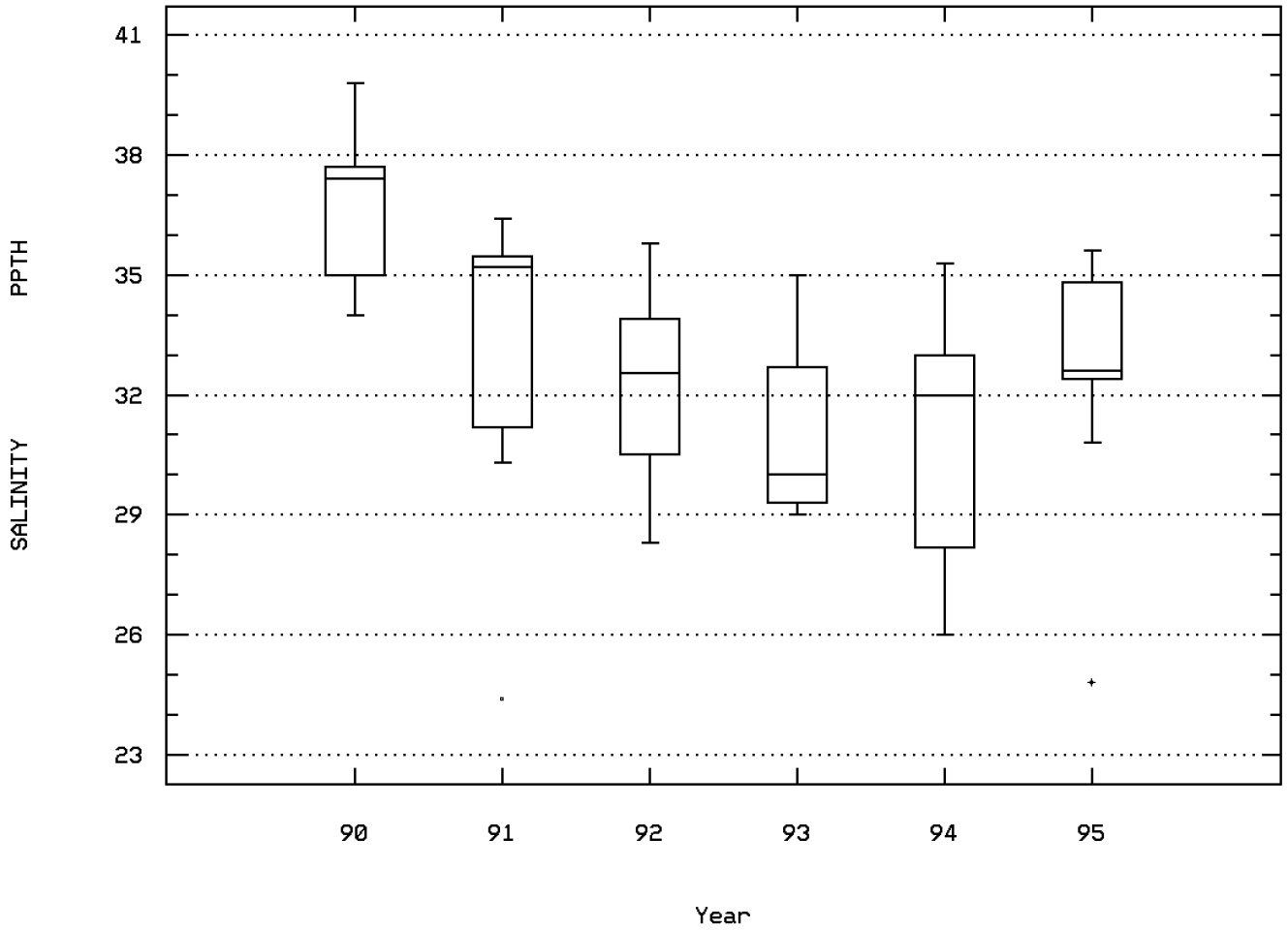
MOSQUITO LAGOON AT ICWW CM 13A



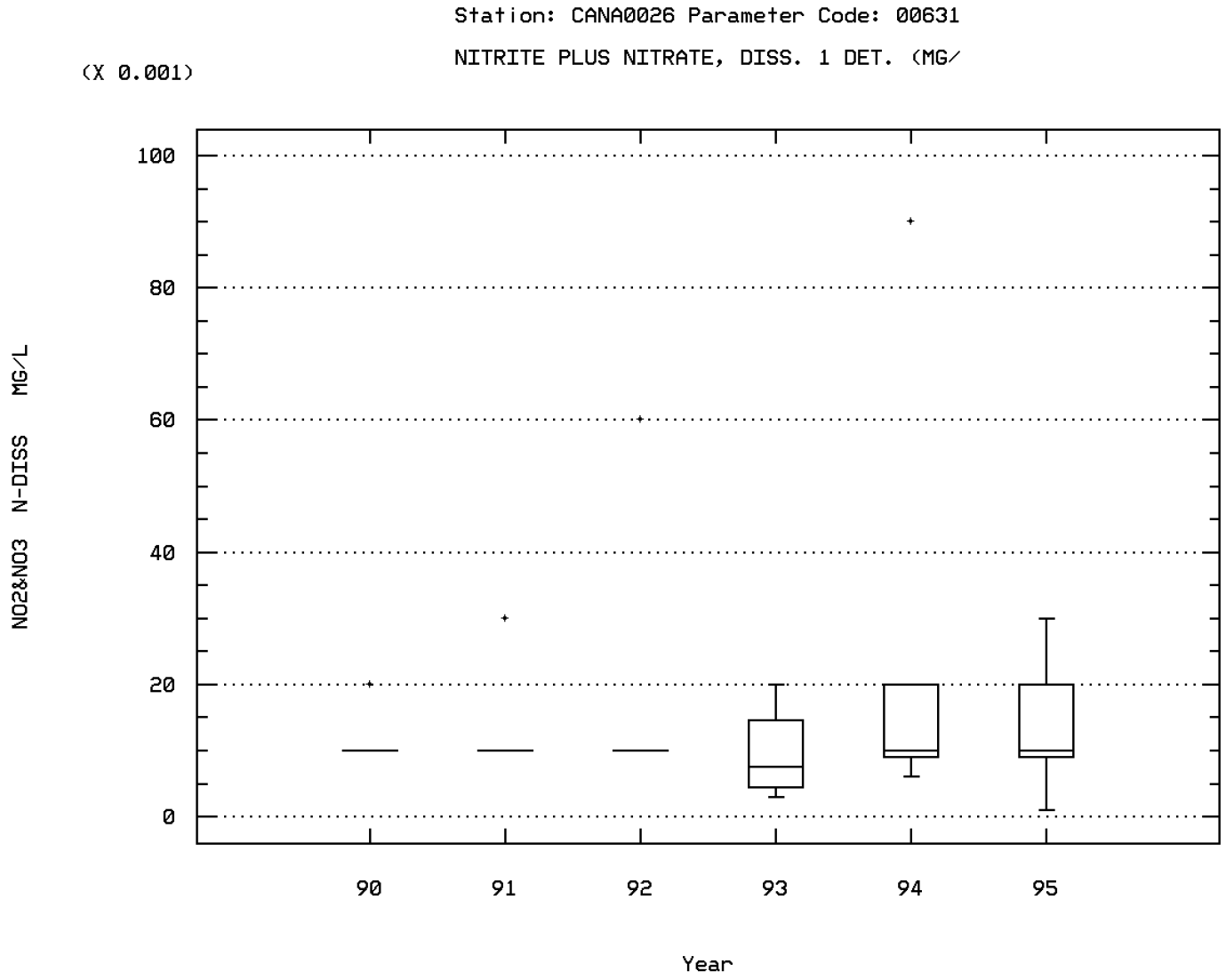
MOSQUITO LAGOON AT ICWW CM 13A

Station: CANA0026 Parameter Code: 00480

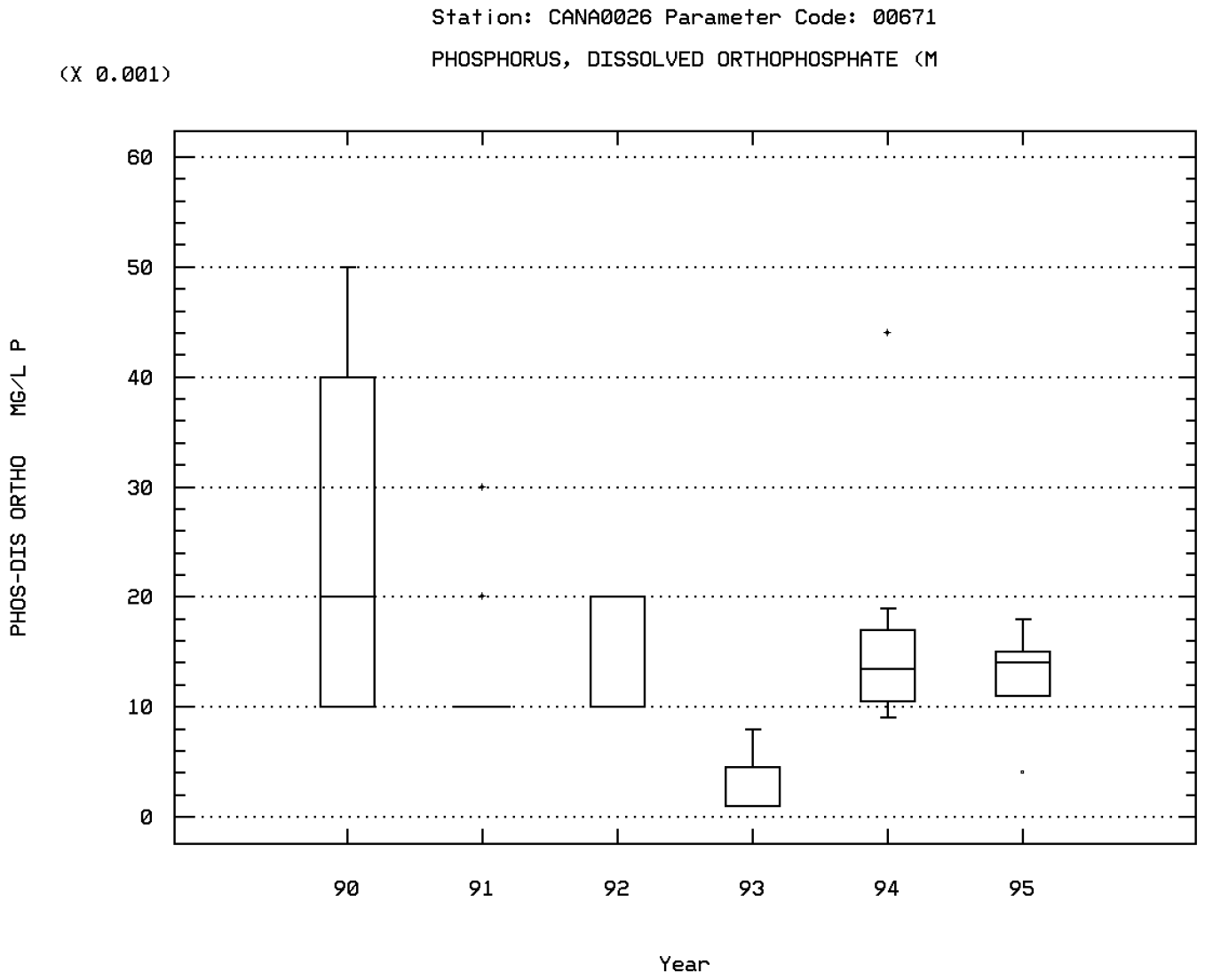
SALINITY - PARTS PER THOUSAND



MOSQUITO LAGOON AT ICWW CM 13A



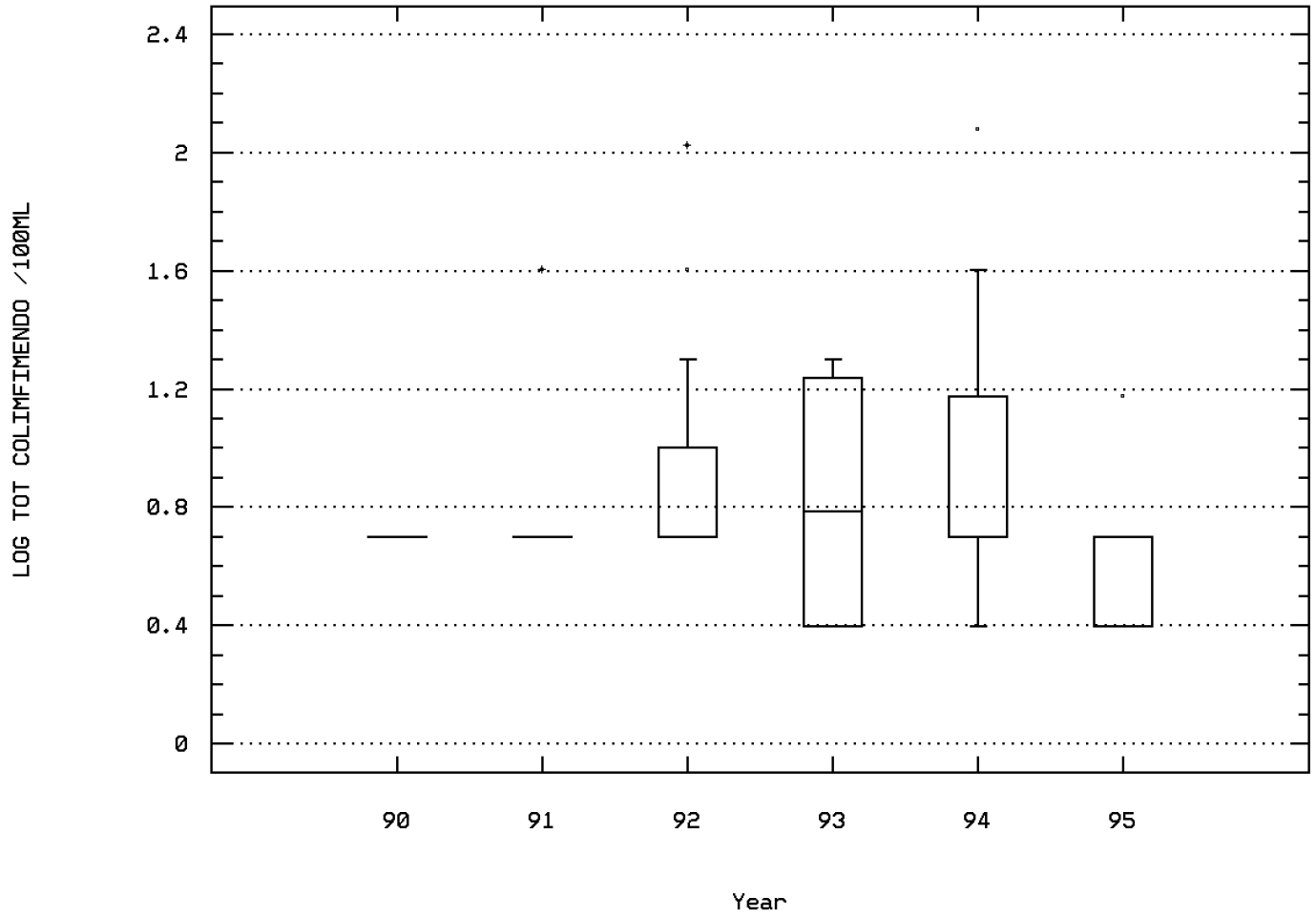
MOSQUITO LAGOON AT ICWW CM 13A



MOSQUITO LAGOON AT ICWW CM 13A

Station: CANA0026 Parameter Code: 31501

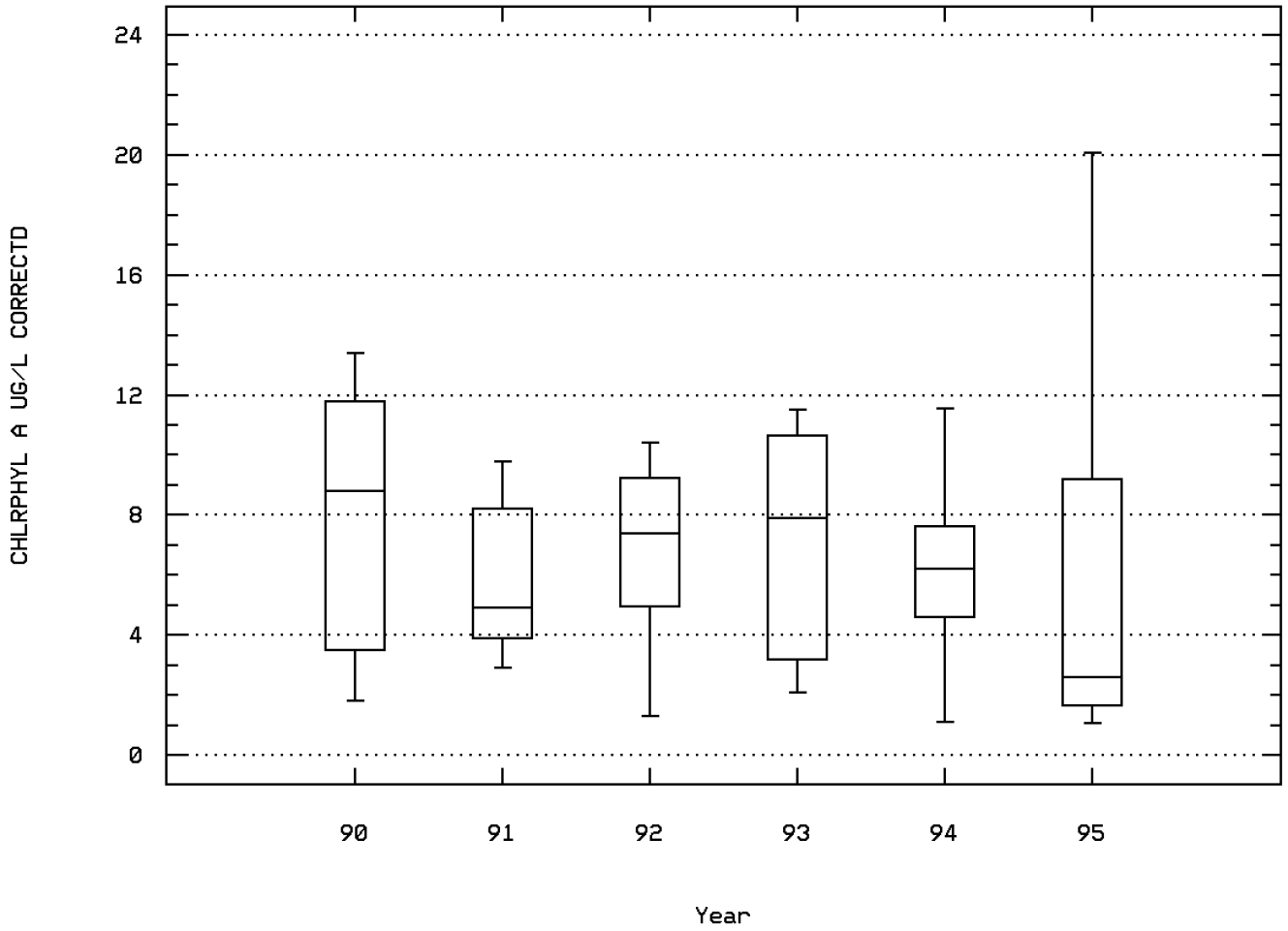
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



MOSQUITO LAGOON AT ICWW CM 13A

Station: CANA0026 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



MOSQUITO LAGOON AT ICWW CM 13A

Station Inventory for Station: CANA0027

NPS Station ID: CANA0027
LAT/LON: 28.856392/ -80.811115
Agency: 21FLA
Date Created: 09/17/88
Location: MOSQUITO LAGOON NEAR CM # 13A
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011712
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON EAST OF ICWW CM # 13A NEAR THE SOUTHERN TIP OF THE FIRST ISLAND.

Parameter Inventory for Station: CANA0027

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: CANA0028

NPS Station ID: CANA0028
LAT/LON: 28.856892/ -80.809809
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 3C
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_3C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE OAK HILL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON AND IS THE EASTERN MOST STATION OF A TRANSECT RUNNING IN A WEST TO EAST DIRECTION. IT IS ON THE EAST EDGE OF THE LAGOON ALONG THE OUTER EDGE OF THE SUBMERGED AQUATIC VEGETATION IN SHALLOW WATER.

Parameter Inventory for Station: CANA0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	12/06/91-05/05/92	4	10.	11.25	20.	5.	39.583	6.292	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/06/91-05/05/92	4	41.5	37.75	54.	14.	285.583	16.899	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/06/91-05/05/92	4	## 2.65	4.575	12.	1.	25.389	5.039	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	12/06/91-05/05/92	4	-0.386	-0.387	-0.154	-0.62	0.038	0.194	**	**	**	**

** - 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 time series plot

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

Station Inventory for Station: CANA0029

NPS Station ID: CANA0029
LAT/LON: 28.856948/ -80.823337
Agency: 21FLA
Date Created: 09/17/88
Location: MOSQUITO LAGOON AT CM# 13A
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011710
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON AT ICWW CHANNEL MARKER NUMBER 13A NEAR OAK HILL. VOLUSIA COUNTY STATION NUMBER 17.

Parameter Inventory for Station: CANA0029

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: CANA0030

NPS Station ID: CANA0030
LAT/LON: 28.868338/ -80.834504
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 5
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE OAK HILL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN MOSQUITO LAGOON IN THE NORTHWEST SECTION OF THE PARK NEAR OAK HILL WHICH IS AN AREA OF POSSIBLE POLLUTION SOURCES. THE STATION IS SITUATED BETWEEN TWO VOLUSIA COUNTY WATER SAMPLING STATIONS (#17 AND #18). SURFACE WATER HAS BEEN SAMPLED ON 12

Parameter Inventory for Station: CANA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	11	22.3	23.827	32.7	15.	35.718	5.976	15.42	18.1	29.9	32.3
00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	10	40.	54.5	100.	20.	1008.056	31.75	20.5	28.75	91.25	99.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	11	20.	19.545	40.	5.	112.273	10.596	6.	10.	30.	38.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	47600.	46190.909	53200.	31900.	35240909.091	5936.405	33220.	46200.	49400.	52500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	45300.	46038.182	56700.	39900.	23868436.364	4885.533	40120.	42300.	48400.	55660.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	11	6.8	6.727	10.5	3.5	2.93	1.712	3.94	5.8	7.2	10.02
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	11	2.	2.227	7.	0.5	3.968	1.992	0.6	1.	2.	6.6
00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	11	823.	1057.182	2850.	480.	647017.564	804.374	482.6	551.	950.	2766.
00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	11	8.4	8.5	9.	8.2	0.078	0.279	8.22	8.3	8.8	8.98
00403	CONVERTED PH, LAB, STANDARD UNITS	07/23/91-06/16/93	11	8.4	8.432	9.	8.2	0.083	0.288	8.22	8.3	8.8	8.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	11	0.004	0.004	0.006	0.001	0.	0.002	0.001	0.002	0.005	0.006
00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	9	8.1	8.122	8.5	7.5	0.094	0.307	7.5	8.	8.4	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/23/91-06/16/93	9	8.1	8.014	8.5	7.5	0.108	0.328	7.5	8.	8.4	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	9	0.008	0.01	0.032	0.003	0.	0.009	0.003	0.004	0.01	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	11	127.	173.364	622.	119.	22191.255	148.967	119.8	124.	141.	526.
00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	11	31.1	31.436	35.	30.	2.299	1.516	30.	30.	32.4	34.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	11	39.	55.909	210.	31.	2688.891	51.855	31.4	35.	54.	180.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	10	1.215	1.284	2.71	0.25	0.843	0.918	0.25	0.325	2.058	2.692
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	8	114.075	225.848	798.66	5.4	81853.49	286.1	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.06	0.069	0.16	0.01	0.002	0.045	0.01	0.04	0.08	0.154
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	11	4.19	6.901	32.2	1.19	81.174	9.01	1.264	1.56	8.47	28.12
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	9	0.16	0.37	1.76	0.005	0.305	0.552	0.005	0.048	0.49	1.76
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11 ##	0.01	0.015	0.04	0.005	0.	0.011	0.005	0.01	0.02	0.038
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	11	2.25	2.204	4.89	0.015	3.182	1.784	0.029	0.165	3.76	4.882
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	11	0.85	0.939	1.93	0.12	0.334	0.578	0.162	0.57	1.6	1.866
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	11	262.	283.705	463.	116.07	20412.585	142.873	116.852	138.	426.	459.796
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	11 ##	0.015	0.015	0.03	0.01	0.	0.006	0.01	0.01	0.015	0.028
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	11	0.06	0.084	0.18	0.01	0.003	0.057	0.016	0.05	0.14	0.18
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	11	102.7	162.418	655.	16.4	33920.45	184.175	16.84	19.	229.1	576.98
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	11	1.	1.345	2.7	0.4	0.763	0.873	0.42	0.5	2.3	2.68

** - 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

Parameter Inventory for Station: CANA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	11	288.	305.	453.	220.	5891.4	76.755	220.8	235.	369.	438.8
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	11	39081.	49008.773	113000.	16484.	940796735.426	30672.41	17066.76	27600.	75302.	107936.42
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	11	833.12	846.938	1531.	245.4	159407.555	399.259	283.12	518.4	1090.	1516.484
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	11	955.	1007.273	1370.	753.	32943.818	181.504	776.8	875.	1160.	1342.
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	11	388.	443.364	998.	336.	35684.655	188.904	336.4	365.	420.	896.8
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	11	232.	289.58	1290.	0.28	129851.561	360.349	2.224	40.1	362.11	1116.118
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	11	2930.	2863.818	3770.	2260.	222337.164	471.526	2264.	2360.	3196.	3679.2
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	11 ##	3.355	4.378	6.83	0.2	5.249	2.291	0.664	2.6	6.625	6.815
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	11	0.25	0.353	1.2	0.1	0.101	0.318	0.1	0.1	0.5	1.06
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	11	0.09	0.118	0.33	0.03	0.009	0.093	0.034	0.05	0.16	0.312
01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	11	3050.	2862.727	4040.	270.	943161.818	971.165	716.	2520.	3380.	3954.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	11 ##	6.71	8.16	13.655	1.2	28.544	5.343	1.2	1.2	13.5	13.626
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	11	0.2	0.541	3.	0.05	0.779	0.883	0.05	0.05	0.9	2.6
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	0.05	0.152	0.8	0.03	0.053	0.231	0.032	0.04	0.16	0.704
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	3.14	5.076	22.7	0.17	38.033	6.167	0.374	1.72	5.88	19.492
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	11	8.	17.182	91.	2.	639.164	25.282	2.2	4.	20.	76.8
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	10 ##	15.	18.65	59.	7.5	206.558	14.372	8.25	15.	15.	54.6
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/20/91-06/16/93	10 ##	4.023	3.975	8.58	1.46	3.588	1.894	1.496	3.279	4.1	8.134
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	11 ##	3.	4.455	19.	1.5	26.923	5.189	1.5	1.5	5.	16.7
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	11	1.19	1.33	3.46	0.11	0.671	0.819	0.256	0.96	1.52	3.098
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	11	7.6	11.097	40.2	4.17	101.889	10.094	4.432	6.16	12.59	34.844
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	11 ##	100.	112.727	330.	10.	5921.818	76.953	28.	100.	100.	284.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	11 ##	13.425	17.85	27.31	8.	74.255	8.617	8.	8.	27.	27.253
01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	11 ##	2.5	46.364	434.	0.5	16656.505	129.06	0.5	0.5	30.	353.2
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11 ##	0.135	0.996	3.76	0.	1.462	1.209	0.013	0.1	1.78	3.41
01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	11	1.4	3.655	15.	0.3	31.703	5.631	0.38	0.7	1.9	15.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	11 ##	2.015	2.47	4.095	0.005	2.558	1.599	0.005	1.36	4.	4.087
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	11 ##	5.	9.545	36.	5.	86.473	9.299	5.	5.	10.	31.6
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	11 ##	100.	129.091	420.	100.	9309.091	96.484	100.	100.	100.	356.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	11 ##	13.425	17.7	27.31	7.45	77.571	8.807	7.45	7.45	27.	27.253
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	9 ##	67.	75.137	136.555	28.	2064.85	45.441	28.	28.	128.96	136.555
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	11	330.	397.727	1480.	113.	147363.418	383.879	119.2	163.	464.	1284.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	11	680.	1178.224	5790.	325.	2394464.904	1547.406	367.	569.5	1072.	4848.578
01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	11	1720.	1720.	3650.	400.	1181640.	1087.033	400.	400.	2070.	3584.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	7 ##	66.445	69.443	107.	50.5	309.521	17.593	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	11 ##	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.028
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	11	872.59	6441.213	59181.2	349.	306702172.253	17512.914	421.716	742.28	1566.	48060.96
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	9 ##	5.5	26.278	160.	5.	2566.194	50.658	5.	5.5	22.	160.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/19/91-06/16/93	9 ##	0.74	1.032	2.204	0.699	0.263	0.513	0.699	0.74	1.342	2.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.769								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	9 ##	5.	16.111	50.	5.	373.611	19.329	5.	5.	30.	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	9 ##	0.699	0.988	1.699	0.699	0.179	0.423	0.699	0.699	1.349	1.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.729								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	11	6.7	9.649	53.4	1.	222.068	14.902	1.	2.	9.3	44.86
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	11	138.	152.727	399.	59.	9651.018	98.24	60.4	84.	160.	369.2
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	8	0.013	0.029	0.09	0.	0.001	0.037	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	4 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	4 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	7	0.128	0.14	0.218	0.088	0.003	0.055	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	11	31700.	32536.364	40200.	28100.	11236545.455	3352.096	28320.	30500.	34700.	39200.
70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.7	7.664	8.1	7.1	0.091	0.301	7.14	7.5	7.9	8.08
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.7	7.564	8.1	7.1	0.101	0.318	7.14	7.5	7.9	8.08
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/91-06/16/93	11	0.02	0.027	0.079	0.008	0.	0.021	0.008	0.013	0.032	0.074
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	8 ##	0.025	0.024	0.025	0.015	0.	0.004	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	11	0.08	0.169	0.57	0.02	0.038	0.194	0.02	0.02	0.36	0.536
81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	11	0.86	0.955	1.648	0.097	0.177	0.421	0.19	0.793	1.244	1.594
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	11	0.075	0.061	0.08	0.02	0.001	0.025	0.021	0.026	0.076	0.08
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	11	599.6	993.218	2634.9	448.3	451694.192	672.082	452.96	540.5	1365.6	2425.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	11	3.7	4.609	8.7	1.3	6.955	2.637	1.44	2.2	7.4	8.52
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	10 ##	32.935	34.127	67.595	0.63	1111.683	33.342	0.807	2.7	66.555	67.524

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

EPA Water Quality Criteria Analysis for Station: CANA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	1	0.09	2	0	0.00	3	0	0.00	2	0	0.00	4	1	0.25
00403	PH, LAB	Other-Hi Lim.	9.	11	1	0.09	2	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Marine Acute	69.	10	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	1 &	1	1.00							1	1	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01067	NICKEL, TOTAL	Marine Acute	75.	11	1	0.09	2	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
01077	SILVER, TOTAL	Marine Acute	0.12	9 &	9	1.00	2	2	1.00	2	2	1.00	1	1	1.00	4	4	1.00
01092	ZINC, TOTAL	Marine Acute	95.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00

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

Station Inventory for Station: CANA0031

NPS Station ID: CANA0031
LAT/LON: 28.868338/ -80.834504
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 5A
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_5A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE OAK HILL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON & IS THE SOUTHERN MOST STATION OF A TRANSECT RUNNING IN A SOUTH TO NORTH DIRECTION. IT IS ON THE WEST EDGE OF THE LAGOON IN AN AREA OF SHALLOW WATER(MAX DEPTH OF 1.4 METERS) WITH EXTREMELY LIMITED

Parameter Inventory for Station: CANA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	03/02/92-04/06/92	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/02/92-04/06/92	2	50.	50.	51.	49.	2.	1.414	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/02/92-04/06/92	2 ##	2.725	2.725	4.7	0.75	7.801	2.793	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	03/02/92-04/06/92	2	-0.537	-0.537	-0.322	-0.752	0.092	0.304	**	**	**	**

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

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

Station Inventory for Station: CANA0032

NPS Station ID: CANA0032
LAT/LON: 28.873448/ -80.834531
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 5B
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_5B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE OAK HILL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON & IS THE MIDDLE STATION OF A TRANSECT RUNNING IN A SOUTH TO NORTH DIRECTION. IT IS ON THE WEST EDGE OF THE LAGOON IN AN AREA OF SHALLOW WATER(MAX DEPTH OF 1.4 METERS) WITH EXTREMELY LIMITED

Parameter Inventory for Station: CANA0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-01/06/92	4	25.	22.5	30.	10.	91.667	9.574	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-01/06/92	4	40.	44.25	65.	32.	229.583	15.152	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-01/06/92	4	## 4.35	4.425	8.	1.	11.856	3.443	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-01/06/92	4	-1.016	-0.937	-0.525	-1.192	0.084	0.291	**	**	**	**

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

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

Station Inventory for Station: CANA0033

NPS Station ID: CANA0033
LAT/LON: 28.877227/ -80.839448
Agency: 21FLA
Date Created: 09/17/88
Location: MOSQUITO LAGOON SOUTH OF CM#7
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011709
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON SOUTH OF ICWW CHANNEL MARKER NUMBER 7-NEAR BARLOWS CRAB PROCESSOR AND OAK HILL DOCK. VOLUSIA COUNTY STATION NUMBER 16.

Parameter Inventory for Station: CANA0033

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: CANA0034

NPS Station ID: CANA0034
LAT/LON: 28.878060/ -80.839448
Agency: 21FLVEMD
Date Created: 02/13/93
Location: MOSQUITO LAGOON AT ICWW CM 7
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
MOSQUITO LAGOON AT ICWW CHANNEL MARKER 7 NEAR BARLOWS CRAB PROCESSOR AND OAK HILL DOCK

Parameter Inventory for Station: CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	63	25.4	24.221	31.5	15.3	28.054	5.297	16.42	18.6	29.3	30.52
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	61	25.2	24.559	33.	13.7	31.745	5.634	15.04	20.95	28.6	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	61	40.	43.197	100.	0.	1327.061	36.429	2.2	10.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	64	7.	7.359	15.	0.	13.408	3.662	3.	5.	10.	13.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	65	6.	5.934	14.8	1.3	8.517	2.918	2.32	3.85	7.5	9.34
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	63	0.8	0.767	1.2	0.5	0.018	0.133	0.6	0.7	0.8	0.9
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	62	13.	13.903	31.	5.	27.007	5.197	9.	10.75	15.	22.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	60	50400.	49898.333	59600.	38300.	20150336.158	4488.913	43250.	47400.	53200.	54440.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	64	0.8	0.905	3.7	0.5	0.23	0.479	0.6	0.7	0.9	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	62	5.9	6.045	8.8	3.7	1.568	1.252	4.46	5.225	6.8	8.2
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	62	7.95	7.929	8.42	7.52	0.025	0.16	7.703	7.828	8.032	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	62	7.95	7.899	8.42	7.52	0.026	0.162	7.703	7.827	8.032	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	62	0.011	0.013	0.03	0.004	0.	0.005	0.008	0.009	0.015	0.02
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	62	33.1	32.81	39.9	24.3	10.482	3.238	28.13	31.05	35.225	36.01
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	56	14.	15.411	83.	2.	123.046	11.093	6.	9.	19.	20.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	17	0.024	0.024	0.09	0.001	0.	0.021	0.001	0.01	0.03	0.055
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	54	1.035	1.121	2.3	0.5	0.166	0.407	0.625	0.8	1.4	1.75
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	62	0.01	0.013	0.08	0.001	0.	0.012	0.009	0.01	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	50	0.065	0.064	0.15	0.01	0.001	0.03	0.02	0.042	0.08	0.099
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	58	0.01	0.015	0.06	0.001	0.	0.012	0.007	0.01	0.019	0.031
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	61	5.	28.689	440.	2.5	3908.876	62.521	2.5	5.	25.	79.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	61	0.699	1.037	2.643	0.398	0.3	0.548	0.398	0.699	1.398	1.897
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.877								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	60	5.	13.167	120.	2.5	452.938	21.282	2.5	5.	10.	34.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	60	0.699	0.866	2.079	0.398	0.166	0.407	0.398	0.699	1.	1.537
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.35								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	59	10.	23.559	230.	2.5	1651.552	40.639	2.5	5.	20.	65.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	59	1.	1.023	2.362	0.398	0.257	0.507	0.398	0.699	1.301	1.813
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			10.541								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	33	4.95	6.076	16.08	0.74	17.757	4.214	1.06	2.685	9.72	12.24
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	69	5.4	6.272	19.7	0.23	18.535	4.305	0.98	2.77	9.545	11.7
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	33	0.	0.097	0.53	0.	0.023	0.152	0.	0.	0.175	0.356
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	33	0.69	0.904	2.28	0.	0.434	0.659	0.044	0.46	1.52	1.918
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/09/93-08/15/95	33	1.27	1.454	3.46	0.	0.784	0.885	0.398	1.015	1.71	3.218
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-01/12/93	5	-1.68	-1.688	-1.06	-2.43	0.301	0.548	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	65	0	0.00	11	0	0.00	17	0	0.00	14	0	0.00	23	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	62	2	0.03	11	0	0.00	15	0	0.00	11	0	0.00	25	2	0.08
00400	PH	Other-Hi Lim.	9.	62	0	0.00	11	0	0.00	15	0	0.00	11	0	0.00	25	0	0.00
		Other-Lo Lim.	6.5	62	0	0.00	11	0	0.00	15	0	0.00	11	0	0.00	25	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	61	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00	20	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	60	0	0.00	10	0	0.00	16	0	0.00	14	0	0.00	20	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	59	10	0.17	10	4	0.40	15	1	0.07	14	2	0.14	20	3	0.15

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

Annual Analysis for 1990 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	27.25	26.16	30.6	15.7	20.594	4.538	16.41	23.7	29.55	30.51
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	23.75	24.62	32.	17.8	26.237	5.122	18.02	20.	30.25	31.9
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	9	75.	54.444	100.	0.	1259.028	35.483	0.	22.5	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	10	6.5	6.5	14.	0.	22.722	4.767	0.	2.25	10.5	13.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	10	8.15	8.43	14.	2.2	11.882	3.447	2.57	6.05	11.	13.7
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	10	0.8	0.73	0.8	0.5	0.011	0.106	0.51	0.675	0.8	0.8
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	10	13.	12.9	17.	9.	4.1	2.025	9.3	12.	14.	16.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	8	55200.	55487.5	59600.	53000.	5881250.	2425.129	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	10	0.8	0.79	0.9	0.7	0.005	0.074	0.7	0.7	0.825	0.9
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	10	6.2	6.21	8.5	4.7	1.097	1.047	4.76	5.45	6.725	8.33
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	10	7.95	7.87	8.1	7.6	0.033	0.183	7.6	7.675	8.	8.09
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	10	7.947	7.834	8.1	7.6	0.035	0.187	7.6	7.675	8.	8.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	10	0.011	0.015	0.025	0.008	0.	0.007	0.008	0.01	0.021	0.025
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	10	35.95	36.42	39.9	34.	3.317	1.821	34.1	35.075	37.925	39.74
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	10	14.	13.5	24.	2.	48.278	6.948	2.4	7.5	19.75	23.8
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	10	0.025	0.03	0.06	0.01	0.	0.019	0.01	0.01	0.05	0.059
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.732	1.	0.699	0.01	0.1	0.699	0.699	0.699	1.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.4								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	8	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	8	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	8	10.	11.25	20.	10.	12.5	3.536	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	8	1.	1.038	1.301	1.	0.011	0.106	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			10.905								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	10	8.65	8.61	19.7	1.4	26.05	5.104	1.65	4.05	11.025	18.9

** - 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 1991 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	24.65	23.621	31.	16.7	30.725	5.543	16.9	17.625	28.9	30.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	27.5	25.031	33.	14.1	59.339	7.703	14.18	14.75	32.	33.
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	14	15.	31.786	100.	0.	1071.566	32.735	2.5	8.75	50.	97.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	14	6.5	7.786	15.	3.	16.027	4.003	3.	5.	10.	15.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	14	4.95	5.364	9.3	2.4	4.693	2.166	2.55	3.75	6.8	8.9
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	13	0.8	0.777	1.	0.5	0.027	0.164	0.54	0.65	0.95	1.
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	14.5	16.333	28.	8.	44.606	6.679	8.3	10.5	22.25	27.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	14	49400.	49364.286	55100.	38300.	22771703.297	4771.971	41450.	46425.	53625.	54500.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	14	0.8	0.779	1.	0.5	0.025	0.158	0.55	0.675	0.925	1.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	14	6.25	6.679	8.8	4.7	1.88	1.371	5.05	5.4	8.25	8.6
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	14	7.955	7.906	8.2	7.52	0.041	0.202	7.58	7.763	8.1	8.15
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	14	7.953	7.86	8.2	7.52	0.043	0.208	7.58	7.762	8.1	8.15
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	14	0.011	0.014	0.03	0.006	0.	0.007	0.007	0.008	0.017	0.027
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	14	32.3	32.314	36.5	24.3	11.926	3.453	26.6	30.2	35.425	36.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	14	13.	12.5	20.	4.	23.192	4.816	5.	8.75	16.	20.
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	14	0.01	0.011	0.03	0.01	0.	0.005	0.01	0.01	0.01	0.02
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	14	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.025
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	5.	59.583	440.	5.	16797.538	129.605	5.	5.	20.	362.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	0.699	1.141	2.643	0.699	0.449	0.67	0.699	0.699	1.301	2.527
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.843								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	5.	7.5	15.	5.	15.909	3.989	5.	5.	10.	15.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	12	0.699	0.829	1.176	0.699	0.04	0.199	0.699	0.699	1.	1.176
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.74								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	11	5.	12.727	65.	5.	321.818	17.939	5.	5.	10.	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 1991 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	11	0.699	0.91	1.813	0.699	0.13	0.36	0.699	0.699	1.	1.711
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			8.123								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	14	4.95	5.686	12.1	1.2	13.472	3.67	1.2	3.	9.55	11.35

** - 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 1992 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	12	27.35	25.617	30.1	15.3	25.247	5.025	16.29	21.925	30.05	30.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	24.	22.827	28.2	13.7	25.05	5.005	14.34	16.9	27.	27.96
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	12	45.	46.667	100.	0.	1115.152	33.394	0.	15.	75.	97.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	5.	7.	15.	3.	13.818	3.717	3.	5.	9.5	14.1
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	7.4	6.808	9.4	2.2	4.401	2.098	2.68	5.65	8.2	9.25
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	0.8	0.782	1.2	0.6	0.028	0.166	0.6	0.7	0.8	1.14
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	10.	11.833	25.	7.	19.97	4.469	7.9	10.	12.75	21.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	12	49200.	49633.333	53600.	45900.	4698787.879	2167.669	46200.	48450.	51425.	53030.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	0.9	1.25	3.7	0.6	0.888	0.942	0.63	0.7	1.3	3.37
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	12	5.45	5.8	8.4	4.	2.149	1.466	4.12	4.45	6.85	8.34
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	12	7.96	7.985	8.42	7.71	0.029	0.17	7.758	7.903	8.047	8.321
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	12	7.958	7.958	8.42	7.71	0.03	0.172	7.758	7.902	8.047	8.321
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	12	0.011	0.011	0.019	0.004	0.	0.004	0.005	0.009	0.013	0.018
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	12	32.45	32.567	35.5	29.8	2.575	1.605	30.1	31.6	34.	35.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	12	17.	20.333	83.	5.	414.061	20.348	5.9	10.	19.	64.1
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.015	0.06	0.01	0.	0.015	0.01	0.01	0.01	0.05
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	11	0.01	0.012	0.02	0.01	0.	0.004	0.01	0.01	0.01	0.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	10.	28.636	100.	5.	1180.455	34.358	5.	5.	30.	98.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	1.	1.191	2.	0.699	0.248	0.498	0.699	0.699	1.477	1.991
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.528								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	11	5.	18.182	120.	5.	1221.364	34.948	5.	5.	5.	103.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	11	0.699	0.901	2.079	0.699	0.217	0.466	0.699	0.699	0.699	1.972
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.967								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	11	10.	37.727	230.	5.	4836.818	69.547	5.	5.	20.	204.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	11	1.	1.133	2.362	0.699	0.33	0.574	0.699	0.699	1.301	2.289
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.571								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	9.05	8.475	16.2	0.6	22.	4.69	1.35	4.2	12.05	15.18

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

Annual Analysis for 1993 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	19.6	19.5	23.4	15.4	12.84	3.583	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	3	24.	23.667	25.	22.	2.333	1.528	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	5	5.	15.8	60.	0.	623.2	24.964	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	10.	8.8	12.	5.	7.7	2.775	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	3.1	3.96	6.3	2.4	3.288	1.813	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	5	0.8	0.76	0.9	0.6	0.013	0.114	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	13.	12.6	14.	11.	1.3	1.14	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	4	46500.	47800.	53500.	44700.	15586666.667	3947.995	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	4	0.75	0.75	0.9	0.6	0.017	0.129	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	4	6.3	6.55	7.8	5.8	0.777	0.881	**	**	**	**
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	4	8.01	7.985	8.16	7.76	0.032	0.178	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	4	8.003	7.957	8.16	7.76	0.033	0.181	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	4	0.01	0.011	0.017	0.007	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 CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	4	30.3	31.225	35.4	28.9	8.422	2.902	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	9.	10.	18.	3.	30.5	5.523	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	4	0.01	0.008	0.01	0.003	0.	0.004	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	4 ##	0.001	0.002	0.006	0.001	0.	0.003	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	10.	22.	80.	2.5	1079.375	32.854	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	5	1.	0.975	1.903	0.398	0.392	0.626	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.441								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5 ##	2.5	8.5	30.	2.5	145.625	12.068	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	5 ##	0.398	0.674	1.477	0.398	0.219	0.468	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.72								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	5	5.	9.	25.	2.5	89.375	9.454	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	5	0.699	0.779	1.398	0.398	0.182	0.427	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.006								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	9	5.28	6.714	13.58	0.7	20.957	4.578	0.7	2.9	10.705	13.58

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

Annual Analysis for 1994 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	25.4	23.677	30.9	16.3	25.825	5.082	16.3	18.8	27.8	30.34
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	25.2	25.569	33.	16.	28.441	5.333	17.36	22.15	31.	33.
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	12	20.	47.75	100.	2.	2044.205	45.213	2.9	8.5	99.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	6.5	7.	15.	2.	13.091	3.618	2.6	4.	9.75	13.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	13	6.4	6.146	14.8	1.7	11.774	3.431	1.86	3.5	7.6	12.32
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	13	0.8	0.742	0.9	0.5	0.014	0.119	0.54	0.65	0.8	0.9
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	12.	13.583	31.	5.	55.72	7.465	5.	8.25	17.5	28.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	12	49900.	48666.667	52200.	42600.	13604242.424	3688.393	42630.	44575.	51700.	52140.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	13	0.8	0.9	2.2	0.5	0.172	0.414	0.54	0.75	0.95	1.72
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	12	5.6	5.583	7.2	4.3	0.947	0.973	4.39	4.725	6.1	7.2
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	12	7.97	7.937	8.08	7.76	0.012	0.108	7.772	7.83	8.038	8.068
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	12	7.97	7.925	8.08	7.76	0.012	0.109	7.772	7.83	8.037	8.068
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	12	0.011	0.012	0.017	0.008	0.	0.003	0.009	0.009	0.015	0.017
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	12	32.75	31.85	34.4	27.4	7.254	2.693	27.43	28.875	34.075	34.37
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	10	16.	16.8	34.	8.	47.511	6.893	8.4	12.75	18.5	32.6
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	12	0.01	0.017	0.08	0.001	0.	0.021	0.003	0.009	0.02	0.062
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.017	0.018	0.041	0.009	0.	0.01	0.009	0.009	0.021	0.041
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	13	15.	25.577	90.	2.5	819.952	28.635	2.5	3.75	42.5	82.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	13	1.176	1.114	1.954	0.398	0.315	0.561	0.398	0.548	1.609	1.911
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.005								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	13	5.	24.038	95.	2.5	881.811	29.695	2.5	3.75	47.5	81.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	13	0.699	1.037	1.978	0.398	0.339	0.582	0.398	0.548	1.671	1.898
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.899								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	13	20.	44.231	160.	2.5	2431.651	49.312	2.5	5.	72.5	140.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	13	1.301	1.308	2.204	0.398	0.397	0.63	0.398	0.699	1.847	2.139
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			20.342								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	13	4.75	5.031	9.49	0.23	10.341	3.216	0.31	2.085	8.19	9.37

** - 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 1995 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	25.9	24.04	31.5	15.8	41.009	6.404	15.88	16.675	29.55	31.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	27.	24.727	31.	15.	30.818	5.551	15.	21.	28.	31.

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

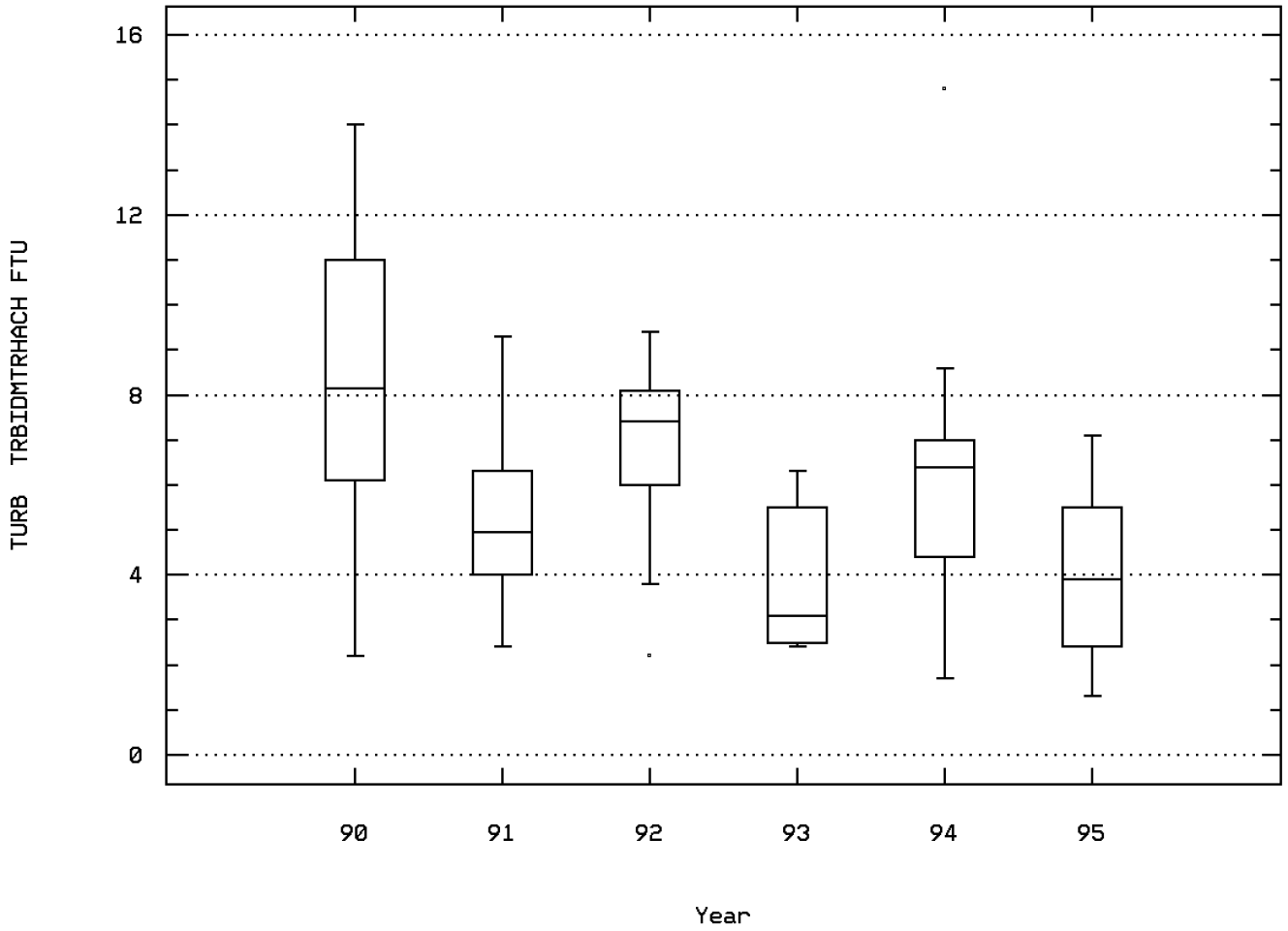
Annual Analysis for 1995 - Station CANA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/17/90-08/13/95	9	50.	54.222	100.	3.	1271.694	35.661	3.	22.5	90.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	11	7.	7.727	14.	4.	8.018	2.832	4.2	5.	10.	13.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	11	3.9	4.082	7.1	1.3	4.044	2.011	1.34	2.4	5.5	7.08
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	0.9	0.809	0.9	0.6	0.013	0.114	0.62	0.7	0.9	0.9
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	14.	15.364	22.	12.	11.655	3.414	12.2	13.	15.	22.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	10	50400.	48810.	53500.	38500.	33463222.222	5784.74	38510.	45425.	53425.	53500.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	11	0.9	0.855	1.2	0.6	0.031	0.175	0.62	0.7	1.	1.16
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	10	5.35	5.64	7.1	3.7	1.456	1.207	3.77	4.775	6.85	7.09
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	10	7.91	7.917	8.05	7.78	0.009	0.097	7.78	7.848	7.998	8.05
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	10	7.91	7.907	8.05	7.78	0.01	0.098	7.78	7.847	7.998	8.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	10	0.012	0.012	0.017	0.009	0.	0.003	0.009	0.01	0.014	0.017
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	10	33.1	31.97	35.4	24.5	17.609	4.196	24.51	29.475	35.325	35.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	20.	18.2	30.	8.	69.2	8.319	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.013	0.03	0.001	0.	0.009	0.001	0.007	0.02	0.028
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	10	0.013	0.012	0.017	0.004	0.	0.004	0.004	0.008	0.014	0.017
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	5.	20.682	75.	2.5	645.114	25.399	2.5	2.5	40.	71.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	0.699	0.953	1.875	0.398	0.374	0.612	0.398	0.398	1.602	1.848
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.969								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	11 ##	2.5	5.909	15.	2.5	20.341	4.51	2.5	2.5	10.	14.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	11 ##	0.398	0.66	1.176	0.398	0.103	0.32	0.398	0.398	1.	1.141
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.573								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	11 ##	2.5	11.364	35.	2.5	161.705	12.716	2.5	2.5	25.	34.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	11 ##	0.398	0.789	1.544	0.398	0.249	0.499	0.398	0.398	1.398	1.531
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.155								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	2.34	3.595	9.49	0.69	9.871	3.142	0.69	0.98	7.59	9.11

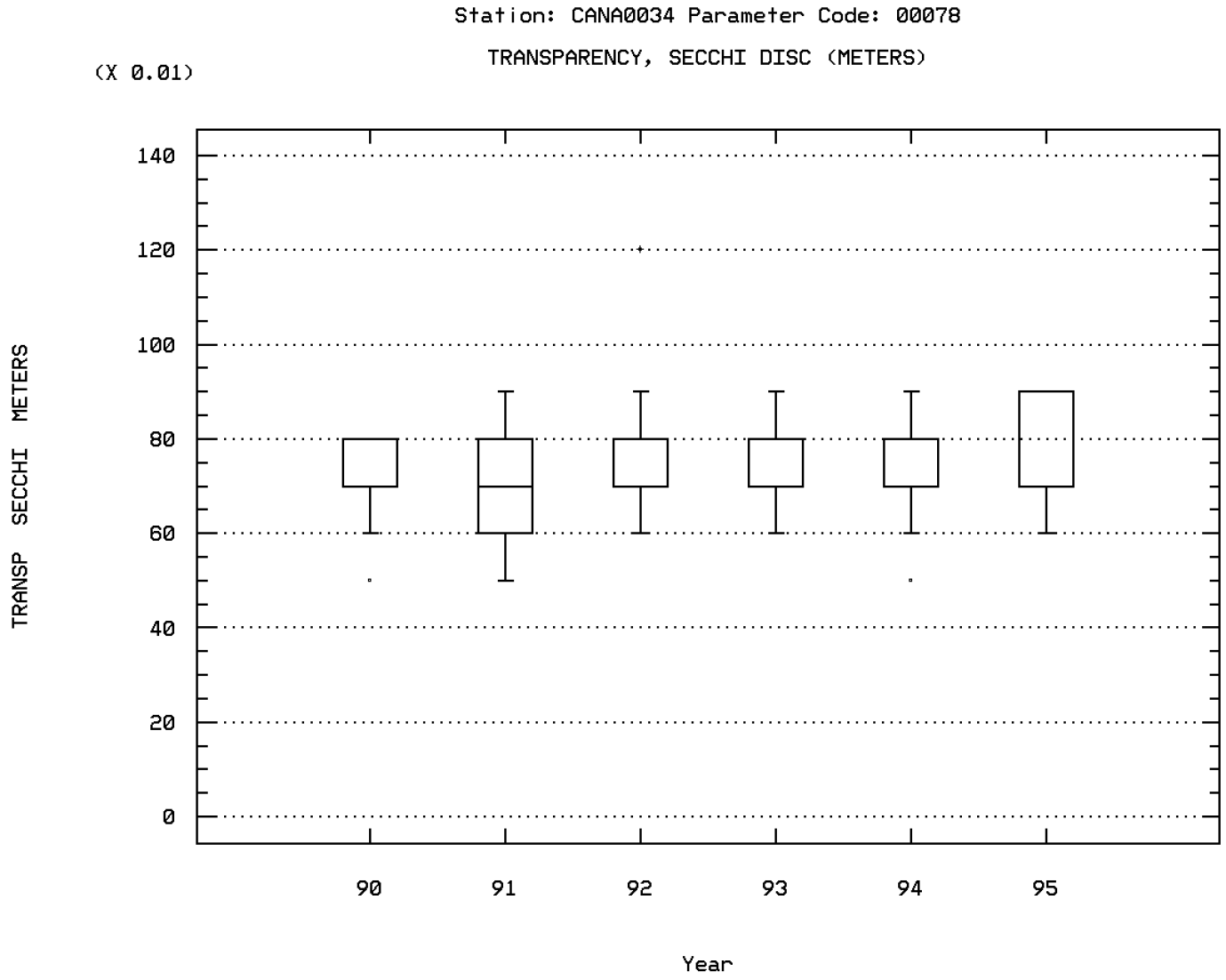
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CANA0034 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



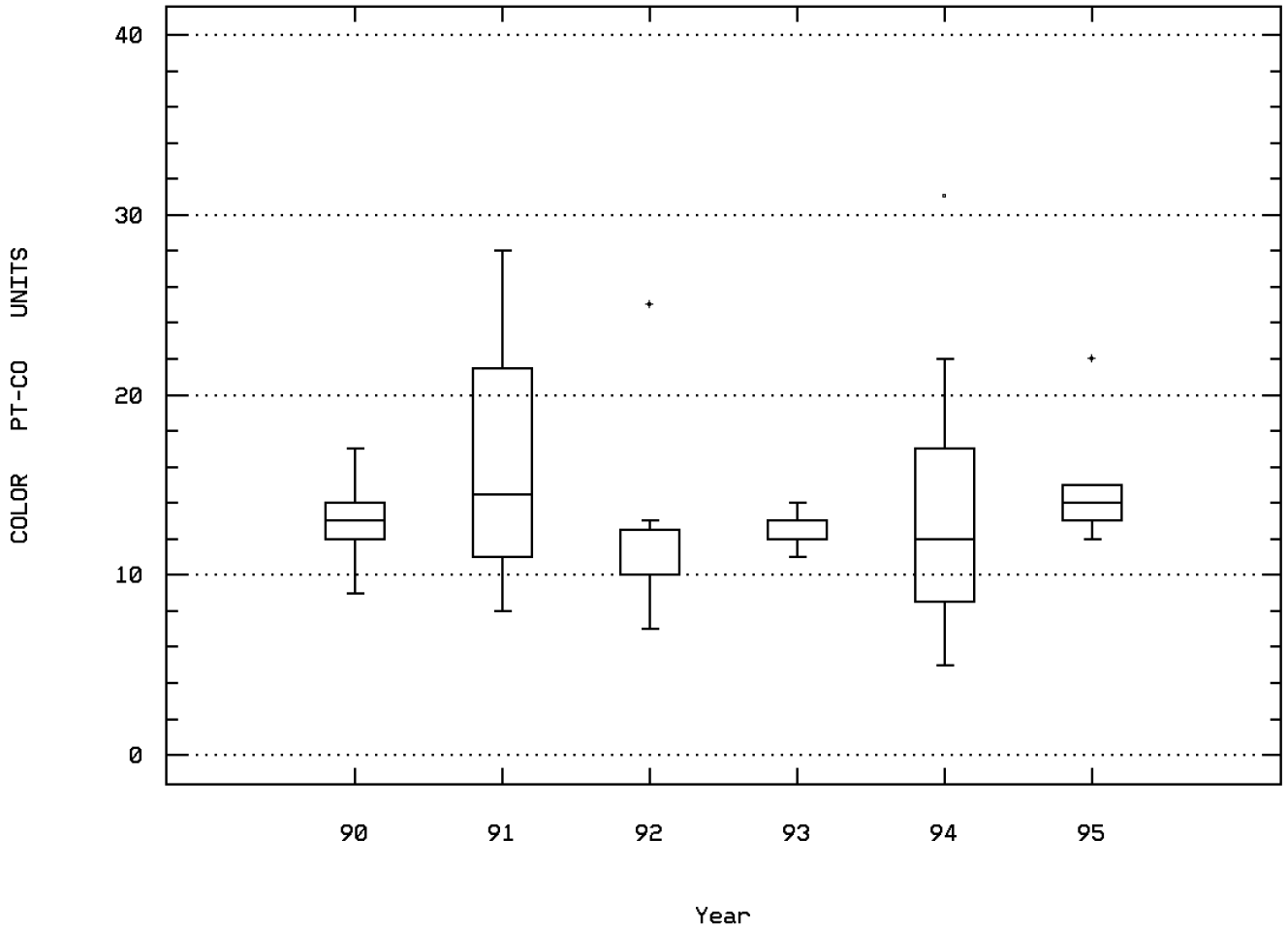
MOSQUITO LAGOON AT ICWW CM 7



MOSQUITO LAGOON AT ICWW CM 7

Station: CANA0034 Parameter Code: 00080

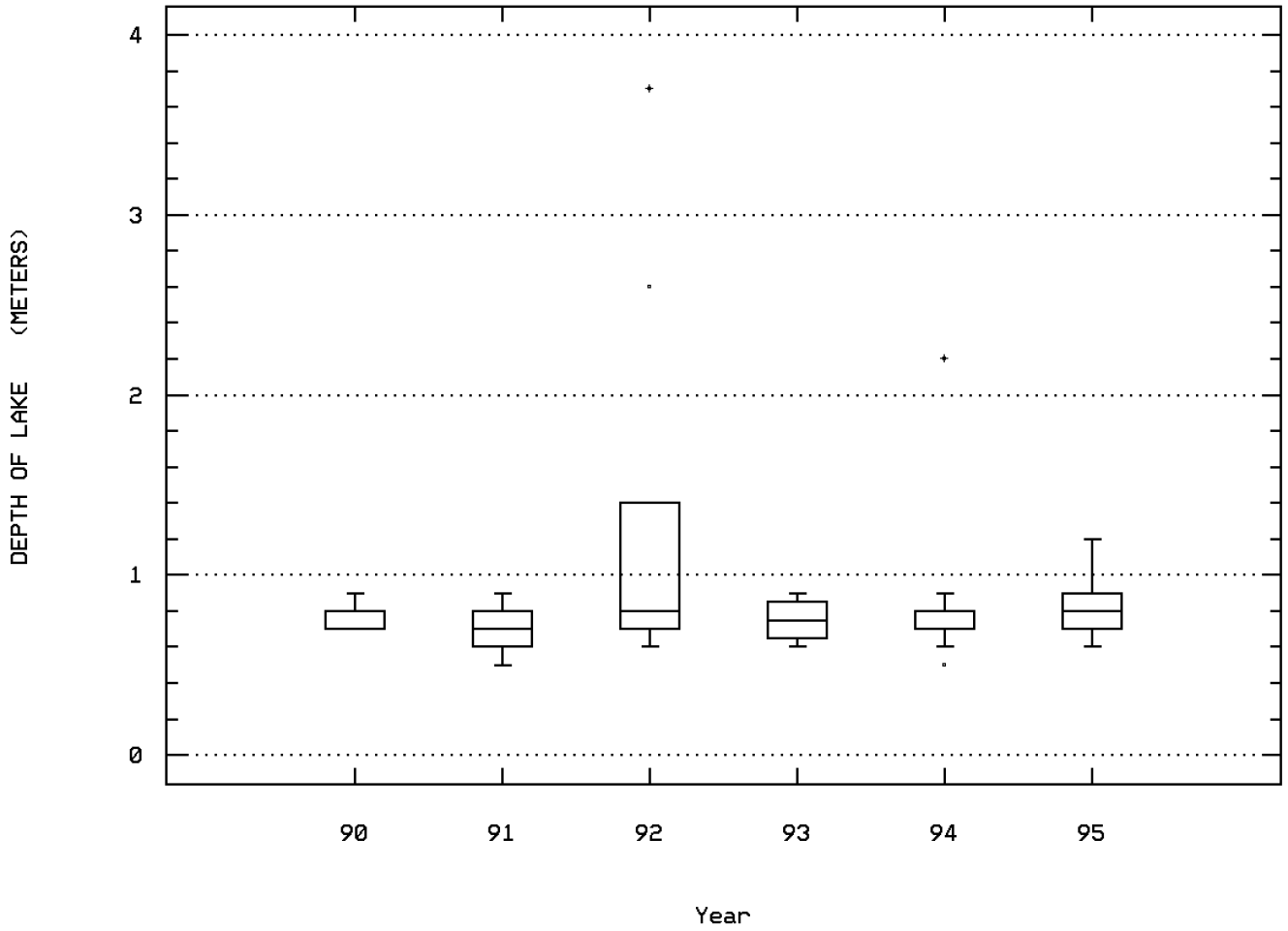
COLOR (PLATINUM-COBALT UNITS)



MOSQUITO LAGOON AT ICWW CM 7

Station: CANA0034 Parameter Code: 00205

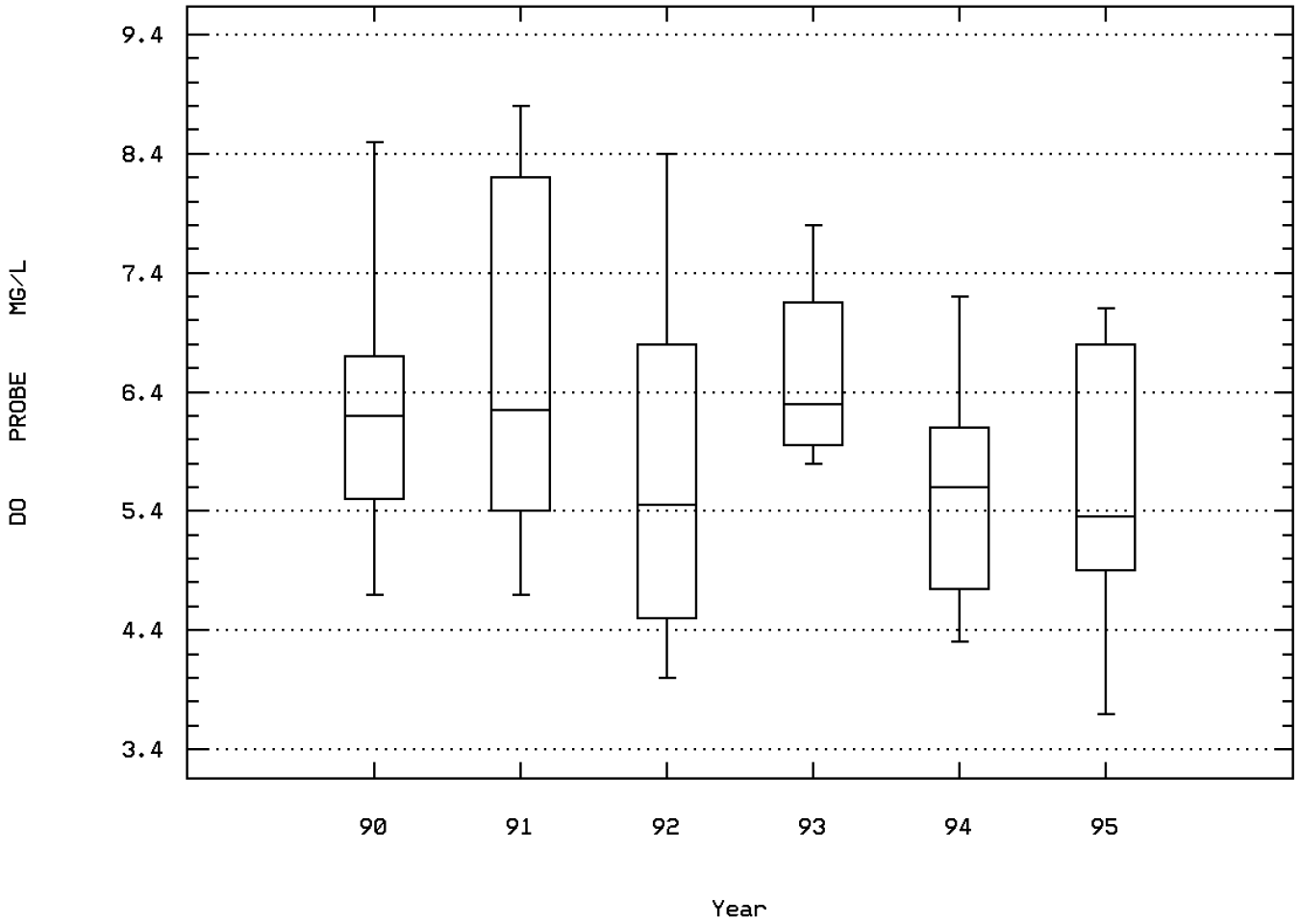
DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (



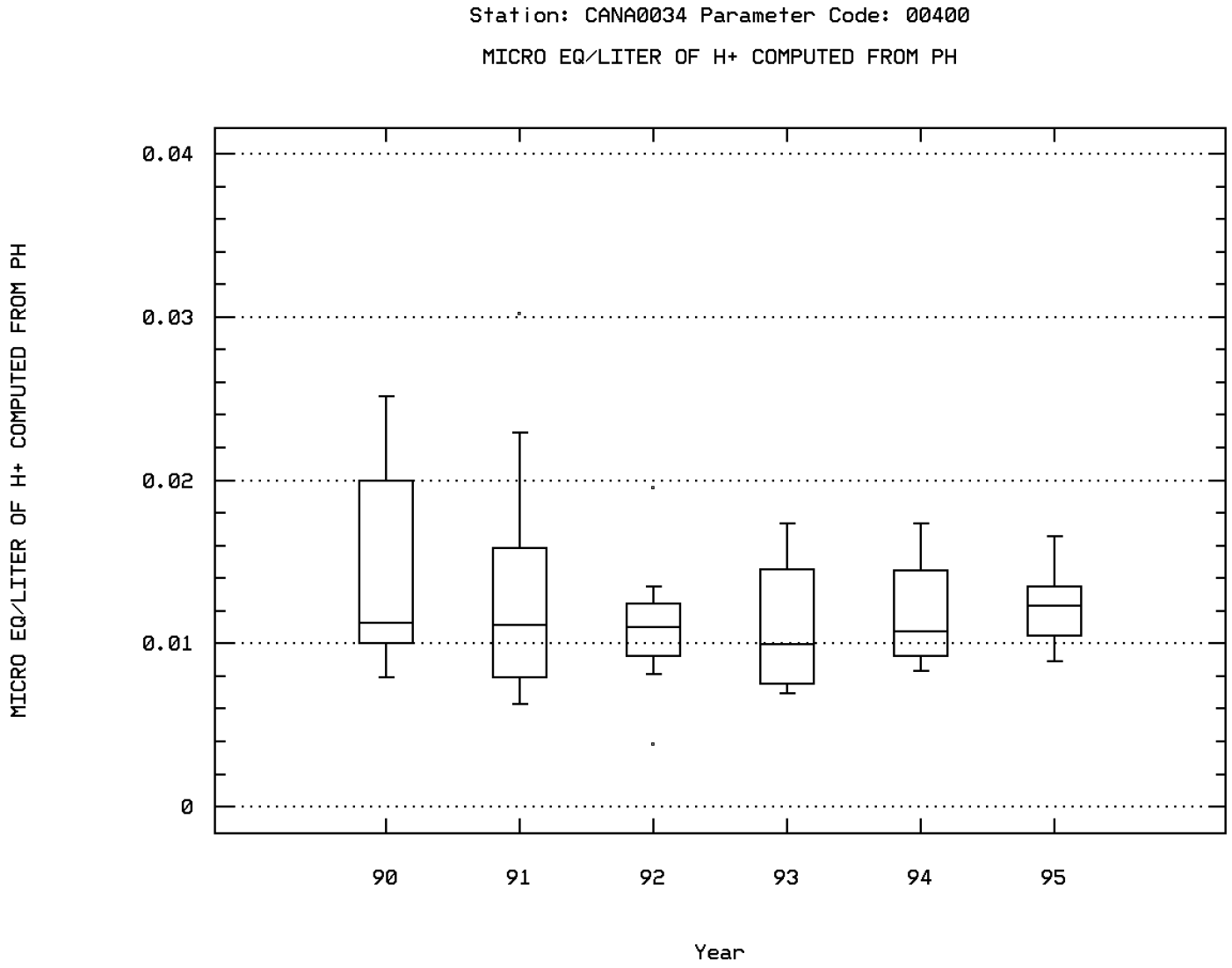
MOSQUITO LAGOON AT ICWW CM 7

Station: CANA0034 Parameter Code: 00299

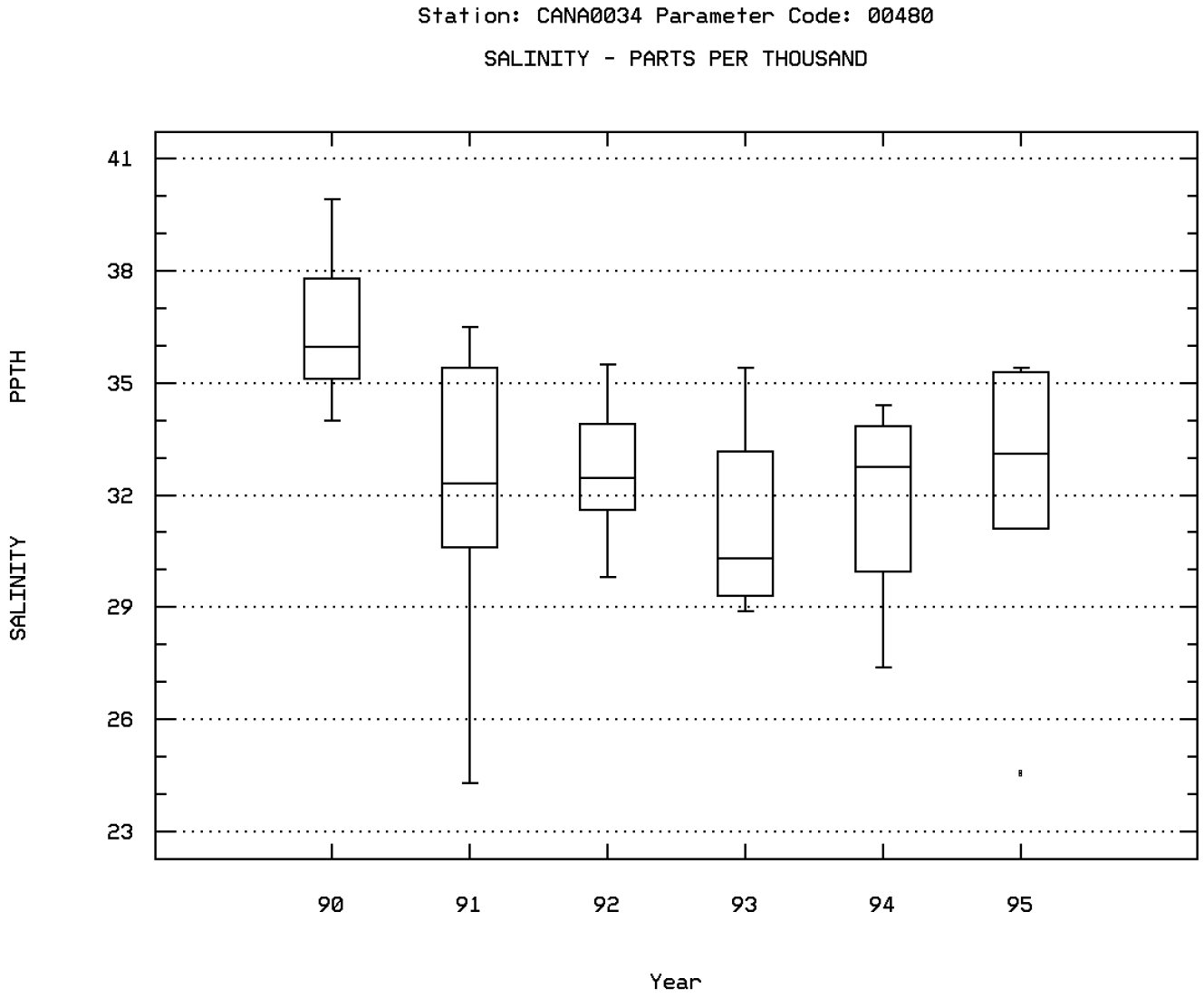
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



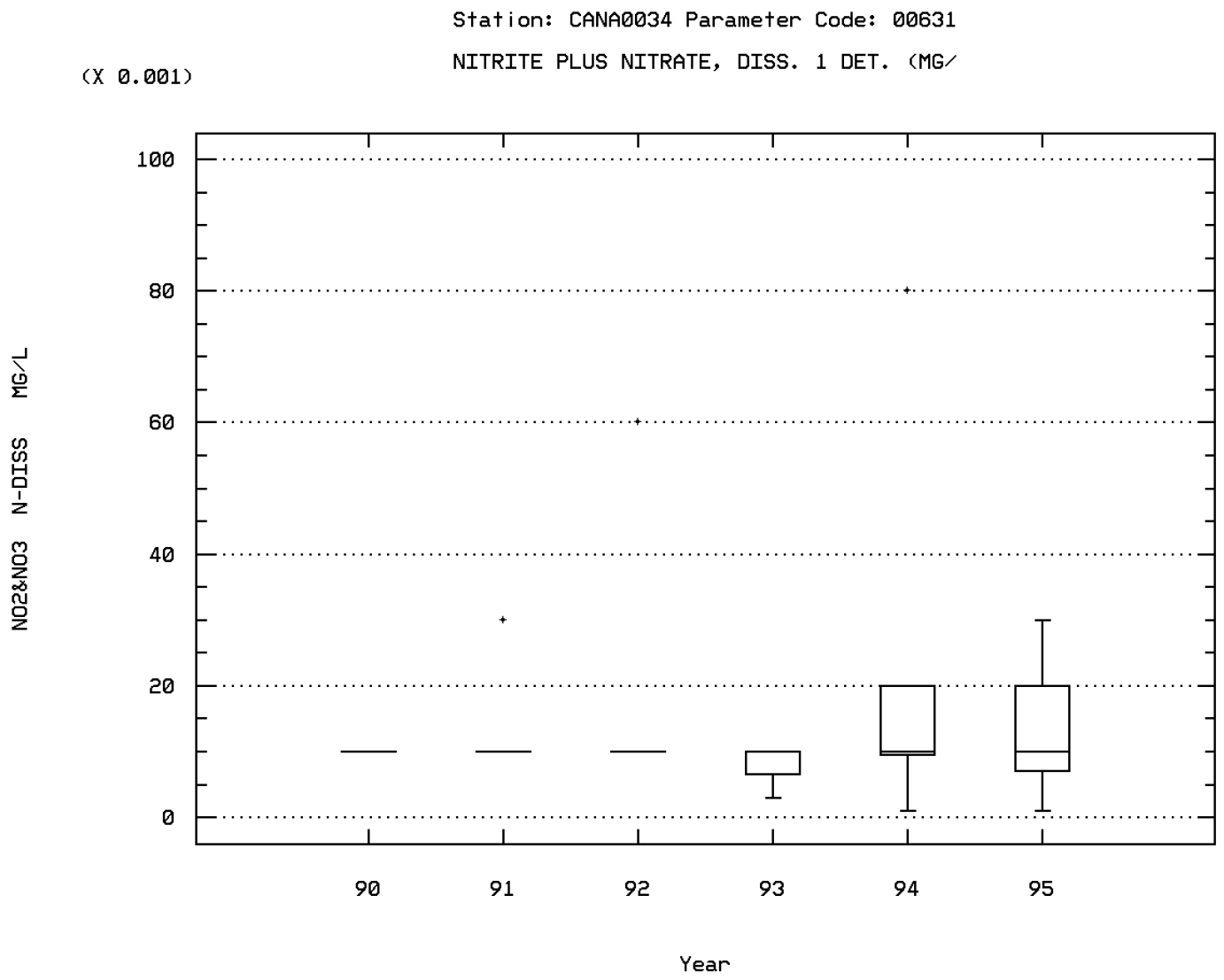
MOSQUITO LAGOON AT ICWW CM 7



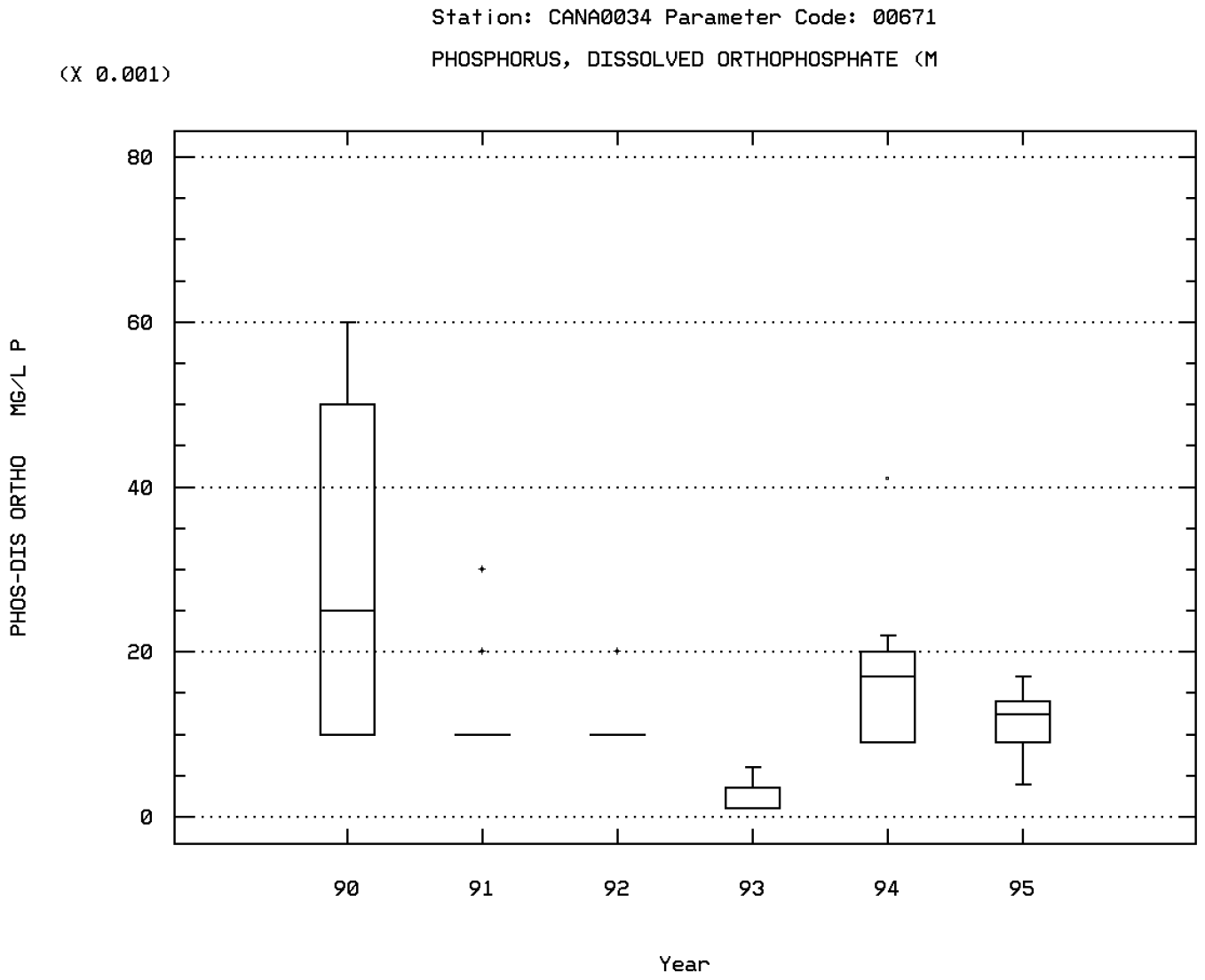
MOSQUITO LAGOON AT ICWW CM 7



MOSQUITO LAGOON AT ICWW CM 7



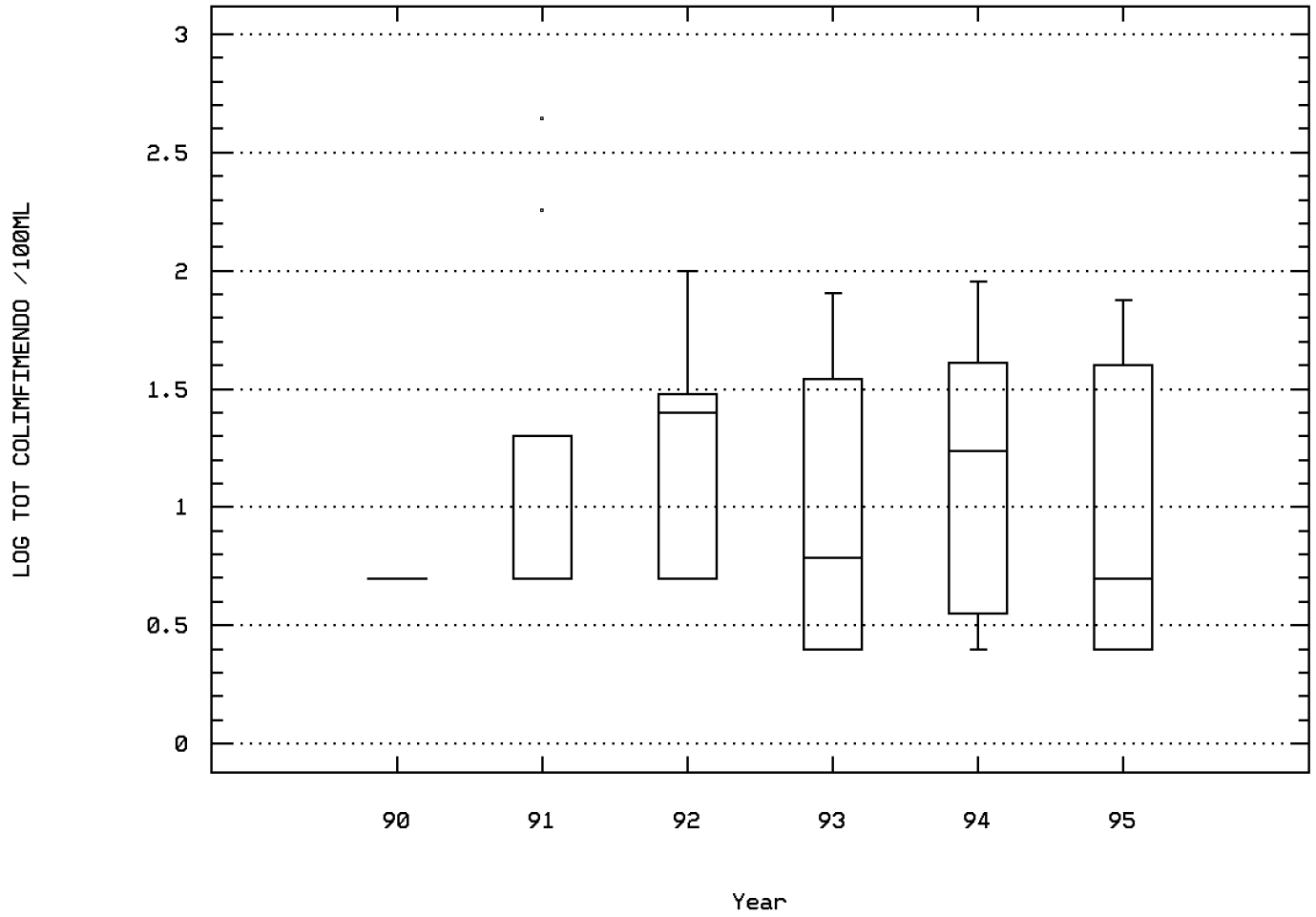
MOSQUITO LAGOON AT ICWW CM 7



MOSQUITO LAGOON AT ICWW CM 7

Station: CANA0034 Parameter Code: 31501

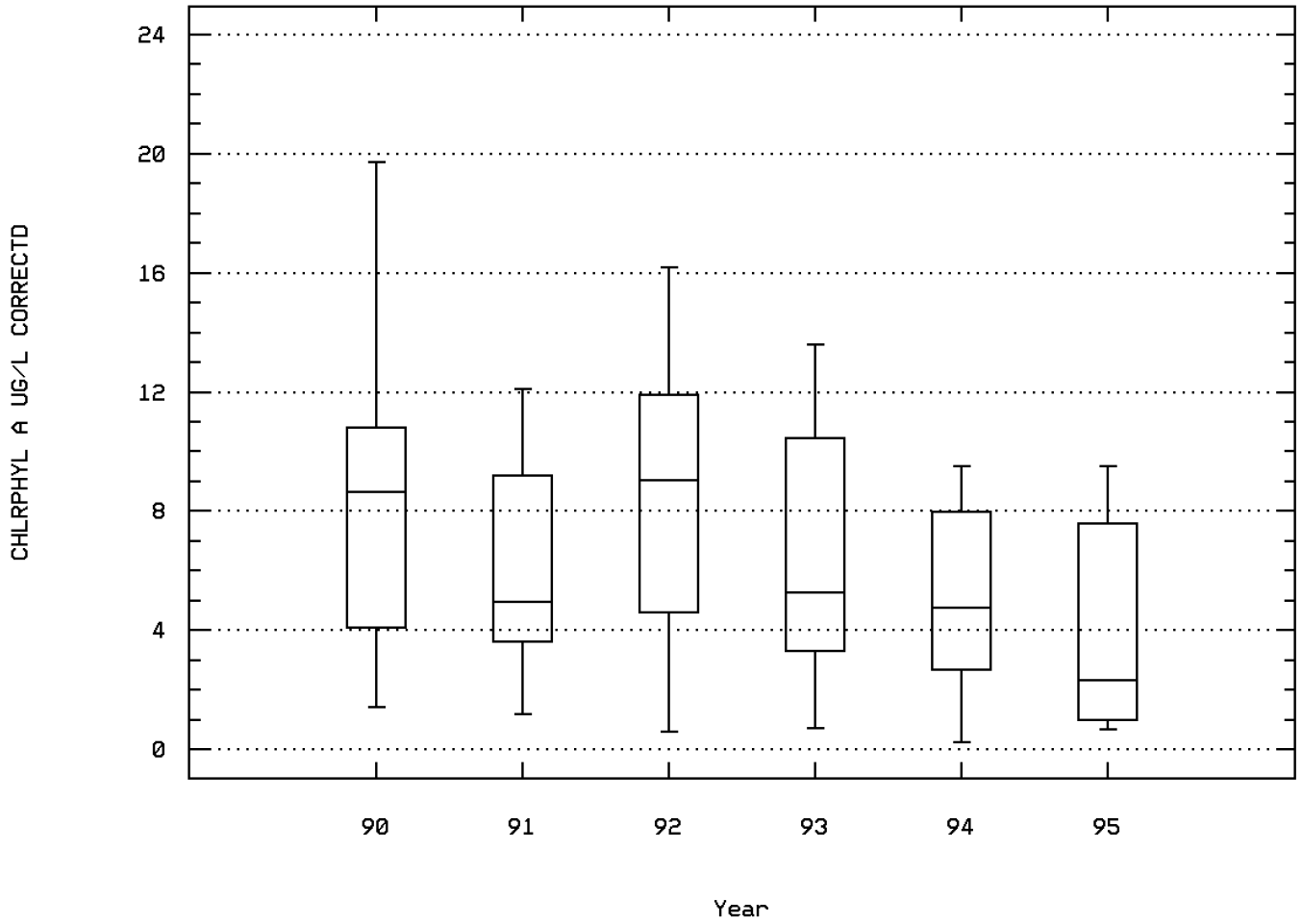
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



MOSQUITO LAGOON AT ICWW CM 7

Station: CANA0034 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



MOSQUITO LAGOON AT ICWW CM 7

Station Inventory for Station: CANA0035

NPS Station ID: CANA0035
LAT/LON: 28.879198/ -80.837810
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 5C
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_5C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON & IS THE NORTHERN MOST STATION OF A TRANSECT RUNNING IN A SOUTH TO NORTH DIRECTION. IT IS ON THE WEST EDGE OF THE LAGOON IN AN AREA OF SHALLOW WATER(MAX DEPTH OF 1.4 METERS) WITH EXTREMELY LIMITED

Parameter Inventory for Station: CANA0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/02/92	6	22.5	21.667	40.	5.	186.667	13.663	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/02/92	6	54.	59.667	110.	30.	781.867	27.962	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/02/92	6	## 4.35	5.35	14.7	0.4	29.539	5.435	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-06/02/92	6	-1.347	-1.204	-0.034	-1.931	0.425	0.652	**	**	**	**

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

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

Station Inventory for Station: CANA0036

NPS Station ID: CANA0036
LAT/LON: 28.885281/ -80.844449
Agency: 21FLA
Date Created: / /
Location: INDIAN R AT ICWW CM 4
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010461
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 16
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080202001
RF1 Mile Point: 19.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SEGMENT 27.1DA BODY OF WATER' RIVER, INDIAN INDIAN RIVER NORTH %MOSQUITO LAGOON< AT ICWW CHANNEL MARKER] 4,
APPROX. 1.3 MILES NORTH OF OAK HILL VOLUSIA CO

Parameter Inventory for Station: CANA0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/73-07/20/87	10	26.25	24.37	28.4	13.8	18.556	4.308	14.52	22.875	26.775	28.32
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/07/83-07/20/87	6	22.5	20.583	28.	10.5	55.042	7.419	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/07/83-07/20/87	6	67.5	59.167	100.	0.	2004.167	44.768	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	12/07/83-07/20/87	6	17.5	15.833	30.	5.	94.167	9.704	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12/07/83-07/20/87	6	8.2	9.733	25.	2.1	62.555	7.909	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/09/73-10/09/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/07/83-07/20/87	6	0.75	0.85	1.5	0.6	0.115	0.339	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/29/74-07/20/87	7	15.	19.286	35.	15.	53.571	7.319	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/07/83-07/20/87	6	45300.	44926.667	50660.	39200.	17930666.667	4234.462	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/73-07/20/87	7	48600.	45392.857	50000.	32850.	36508690.476	6042.242	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/07/83-07/20/87	6	6.4	6.217	8.	4.4	1.854	1.361	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/09/73-10/29/74	4	5.45	5.575	6.4	5.	0.429	0.655	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/09/73-07/20/87	8	1.5	1.788	3.3	0.4	0.99	0.995	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/09/73-07/20/87	10	8.	7.98	8.3	7.6	0.037	0.193	7.62	7.875	8.05	8.29
00400	CONVERTED PH (STANDARD UNITS)	10/09/73-07/20/87	10	8.	7.94	8.3	7.6	0.039	0.198	7.62	7.875	8.05	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/73-07/20/87	10	0.01	0.011	0.025	0.005	0.	0.006	0.005	0.009	0.013	0.024
00403	PH, LAB, STANDARD UNITS SU	10/29/74-07/20/87	4	8.1	8.15	8.4	8.	0.037	0.191	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/29/74-07/20/87	4	8.089	8.121	8.4	8.	0.038	0.194	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/29/74-07/20/87	4	0.008	0.008	0.01	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-07/20/87	6	130.	129.667	142.	113.	126.267	11.237	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/07/83-07/20/87	6	30.5	29.917	33.2	25.	8.074	2.841	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/09/73-07/20/87	8	20.5	27.625	53.	13.	203.411	14.262	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/09/73-10/09/73	1	0.105	0.105	0.105	0.105	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	2	0.001	0.001	0.001	0.	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/09/73-10/29/74	2	0.05	0.05	0.07	0.03	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/09/73-07/20/87	8	0.845	0.925	1.64	0.48	0.194	0.441	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/83-07/20/87	6 ##	0.015	0.017	0.04	0.005	0.	0.013	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	10/09/73-10/09/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/09/73-07/20/87	8	0.095	0.094	0.138	0.05	0.001	0.031	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/09/73-10/09/73	1	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/09/73-10/09/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/09/73-10/29/74	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/09/73-10/29/74	2	0.651	0.651	1.301	0.	0.846	0.92	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.472								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/09/73-10/29/74	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.162								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/07/83-07/20/87	5	6.42	7.742	15.	3.21	19.308	4.394	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	3	1.28	2.66	5.63	1.07	6.627	2.574	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	10/09/73-10/09/73	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
32231	CHLOROPHYLL B (MG/L)	10/09/73-10/09/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32232	CHLOROPHYLL C (MG/L)	10/09/73-10/09/73	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	4.4	4.4	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: CANA0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	10	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: CANA0037

NPS Station ID: CANA0037
LAT/LON: 28.885837/ -80.843893
Agency: 21FLWQA
Date Created: 08/01/87
Location: ICW MARKER 4,INDIAN R. N. OF OAK HILL 04/X2 VC5
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): SVL83010 /SJWMD252
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: CANA0037

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: CANA0038

NPS Station ID: CANA0038
LAT/LON: 28.901670/ -80.853892
Agency: 21FLA
Date Created: 09/17/88
Location: INDIAN RIVER NEAR CM #73
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011707
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CM #73 NEAR INDIAN HARBOR ESTATES CANALS (ARIEL QUAD). VOLUSIA COUNTY STATION NUMBER 14

Parameter Inventory for Station: CANA0038

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: CANA0039

NPS Station ID: CANA0039
LAT/LON: 28.902698/ -80.818754
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 2
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN MOSQUITO LAGOON SOUTH OF ELDORA AND REPRESENTS THE SOUTHEASTERN SECTION OF THE PARK. SURFACE WATER HAS BEEN SAMPLED ON 12 OCCASIONS SINCE JULY 1991 ON A BIMONTHLY SCHEDULE. SEDIMENT AND COLIFORM FROM SURFACE WATER SAMPLING BEGAN IN SEPTEMBER

Parameter Inventory for Station: CANA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	11	22.9	23.982	32.2	14.5	36.71	6.059	15.04	18.	29.9	31.94
00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	10	70.	64.5	100.	20.	1113.611	33.371	20.5	28.75	100.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	11	20.	22.273	40.	5.	156.818	12.523	6.	10.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	48900.	47100.	53600.	32000.	38008000.	6165.063	33400.	47200.	50400.	53060.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	46900.	48276.364	59900.	44400.	20467745.455	4524.129	44460.	45600.	49000.	58440.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	11	6.3	6.409	9.6	3.9	2.163	1.471	4.14	5.7	7.1	9.18
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	11	2.	2.273	5.	0.5	2.368	1.539	0.5	1.	3.	5.
00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	11	820.	1548.273	7700.	493.	4345319.418	2084.543	502.6	681.	1540.	6538.
00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	11	8.3	8.427	9.	8.	0.096	0.31	8.02	8.2	8.7	8.96
00403	CONVERTED PH, LAB, STANDARD UNITS	07/23/91-06/16/93	11	8.3	8.339	9.	8.	0.105	0.324	8.02	8.2	8.7	8.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	11	0.005	0.005	0.01	0.001	0.	0.003	0.001	0.002	0.006	0.01
00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	9	8.1	8.022	8.4	7.5	0.089	0.299	7.5	7.8	8.3	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/23/91-06/16/93	9	8.1	7.929	8.4	7.5	0.099	0.315	7.5	7.8	8.3	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	9	0.008	0.012	0.032	0.004	0.	0.009	0.004	0.005	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	11	131.	139.818	207.	121.	582.564	24.136	121.2	126.	141.	196.2
00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	11	31.8	32.036	35.4	30.	2.449	1.565	30.	30.9	33.	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	11	46.	67.182	310.	22.	6571.764	81.066	24.6	38.	52.	258.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	10	0.945	9.583	86.	0.25	721.718	26.865	0.26	0.35	2.233	77.693
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	8	93.245	289.386	875.	1.86	120462.067	347.076	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.1	0.123	0.45	0.01	0.014	0.118	0.016	0.06	0.13	0.394
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	11	3.	8.939	35.5	1.06	104.968	10.245	1.256	2.08	14.3	31.452
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.01	0.009	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	9	0.085	0.159	0.46	0.01	0.028	0.168	0.01	0.035	0.32	0.46
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11 ##	0.01	0.045	0.31	0.005	0.008	0.089	0.005	0.01	0.05	0.258
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	11	2.77	2.86	9.29	0.085	7.643	2.765	0.101	0.33	4.46	8.444
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	11	0.88	0.822	1.19	0.37	0.057	0.238	0.394	0.64	0.97	1.158
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	11	339.77	349.085	666.	41.9	60854.218	246.686	48.776	91.01	610.	659.2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	11	0.03	0.025	0.04	0.01	0.	0.009	0.011	0.015	0.03	0.038
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	11	0.07	0.094	0.2	0.02	0.003	0.053	0.028	0.06	0.15	0.192
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	11	64.	83.573	328.	12.2	8368.478	91.479	12.88	17.	98.9	292.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	11	1.3	1.709	4.3	0.6	1.429	1.195	0.6	0.8	2.6	4.06

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

Parameter Inventory for Station: CANA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	11	300.	319.727	440.	226.	5797.018	76.138	228.6	243.	384.	437.
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	11	9621.32	17697.251	34719.	2642.561	74158606.754	13196.917	3204.2	5569.62	33300.	34575.2
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	11	1849.79	1974.425	4140.	337.	1214778.585	1102.17	438.254	1058.2	2660.	3970.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	11	1016.	1049.818	1310.	834.	24289.364	155.85	842.8	920.	1170.	1302.
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	11	388.	422.818	700.	355.	9980.164	99.901	357.4	369.	413.	660.4
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	11	525.	568.47	1125.92	1.52	124083.15	352.254	24.816	338.42	909.6	1087.936
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	11	2760.	2894.273	4070.	2420.	283420.018	532.372	2421.2	2450.	3282.	3950.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	11 ##	6.5	5.195	7.23	0.2	4.771	2.184	0.853	3.84	6.955	7.187
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	11 ##	0.31	0.396	1.7	0.1	0.218	0.467	0.1	0.1	0.5	1.46
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	11	0.24	0.279	0.81	0.09	0.04	0.201	0.096	0.13	0.36	0.728
01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	11	3130.	3023.636	3900.	240.	995885.455	997.941	750.	2960.	3760.	3890.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	11 ##	13.	12.075	26.46	1.2	63.25	7.953	1.2	6.935	14.025	25.928
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	11	0.2	1.286	7.	0.05	5.71	2.39	0.05	0.05	1.	6.6
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	0.03	0.036	0.1	0.005	0.001	0.031	0.005	0.005	0.06	0.094
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	7.09	7.938	12.89	4.48	8.135	2.852	4.508	6.76	10.4	12.852
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	11	8.	25.273	173.	5.	2429.818	49.293	5.	6.	20.	142.4
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	11 ##	15.	26.864	153.	7.5	1755.205	41.895	9.	15.	15.	125.4
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	11	3.995	9.667	68.655	0.28	385.707	19.639	0.712	2.64	6.38	56.2
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	11 ##	3.	3.864	8.	1.5	7.355	2.712	1.5	1.5	7.5	7.9
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	11	2.92	2.859	6.25	0.05	2.816	1.678	0.286	1.61	3.52	5.916
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	11	15.4	17.711	34.8	6.13	69.353	8.328	6.756	11.22	22.96	32.986
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	11 ##	100.	119.091	310.	100.	4009.091	63.317	100.	100.	100.	268.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	11 ##	16.9	18.608	28.05	8.	74.27	8.618	8.	8.	26.65	28.003
01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	11 ##	11.	25.364	145.	0.5	1746.555	41.792	0.5	0.5	30.	123.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	1.1	1.644	6.47	0.07	3.478	1.865	0.076	0.135	2.5	5.8
01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	11	1.	3.582	15.	0.3	32.318	5.685	0.32	0.5	2.2	15.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	11 ##	2.535	2.575	4.21	0.005	2.647	1.627	0.005	1.24	3.995	4.202
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	11	10.	15.273	49.	5.	227.018	15.067	5.	5.	17.	47.
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	11 ##	100.	91.	100.	1.	891.	29.85	20.8	100.	100.	100.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	11 ##	26.455	20.601	31.02	7.45	76.448	8.743	7.45	13.87	27.815	30.426
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	9 ##	84.5	83.532	140.25	28.	2310.654	48.069	28.	28.	135.678	140.25
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	11	500.	599.273	1200.	230.	115488.418	339.836	232.4	300.	900.	1145.2
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	11	3507.	3668.464	7790.	1137.31	4354365.088	2086.712	1157.048	2029.1	4742.7	7511.148
01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	11	2340.	2082.727	4030.	400.	1384321.818	1176.572	400.	800.	2970.	3834.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	7 ##	68.655	71.765	106.	58.	243.084	15.591	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	11	0.01	0.013	0.03	0.005	0.	0.007	0.006	0.01	0.02	0.028
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	11	2980.	3323.376	7940.	1203.88	3695798.269	1922.446	1294.85	2003.	4010.66	7384.6
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	**	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	8	11.	35.625	160.	5.	2810.196	53.011	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/19/91-06/16/93	8	1.041	1.216	2.204	0.699	0.302	0.55	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.455								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	8 ##	5.	16.25	50.	5.	433.929	20.831	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	8 ##	0.699	0.949	1.699	0.699	0.214	0.463	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.891								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	11	4.7	7.891	22.7	1.	58.543	7.651	1.	2.	12.7	21.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	11	93.	110.909	224.	54.	2643.091	51.411	55.2	67.	143.	212.4
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	8	0.12	0.151	0.52	0.	0.033	0.182	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	4 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	4 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	7	0.149	0.147	0.215	0.082	0.003	0.054	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	11	33000.	33180.	39300.	29500.	7759200.	2785.534	29720.	30780.	34200.	38720.
70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.9	7.9	8.4	7.3	0.108	0.329	7.36	7.6	8.1	8.38
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.9	7.785	8.4	7.3	0.122	0.35	7.36	7.6	8.1	8.38
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/91-06/16/93	11	0.013	0.016	0.05	0.004	0.	0.013	0.004	0.008	0.025	0.045
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	8 ##	0.028	0.027	0.035	0.015	0.	0.006	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	11	0.15	0.215	0.64	0.02	0.038	0.196	0.02	0.02	0.28	0.604
81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	11	0.851	1.03	3.28	0.116	0.758	0.871	0.163	0.374	1.26	2.97
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	11	0.071	0.06	0.076	0.025	0.	0.02	0.026	0.035	0.075	0.076
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	11	705.	6949.355	53031.	342.6	254621558.875	15956.866	377.84	577.5	1683.	45634.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	11	5.4	6.818	14.2	1.9	15.792	3.974	1.96	4.2	9.7	13.82
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	10 ##	33.897	34.662	69.425	0.72	1212.392	34.819	0.756	1.68	68.703	69.367

** - 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: CANA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	1	0.09	2	0	0.00	3	0	0.00	2	0	0.00	4	1	0.25
00403	PH, LAB	Other-Hi Lim.	9.	11	1	0.09	2	0	0.00	2	1	0.50	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Marine Acute	69.	10	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	1 &	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01067	NICKEL, TOTAL	Marine Acute	75.	11	1	0.09	2	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
01077	SILVER, TOTAL	Marine Acute	0.12	9 &	9	1.00	2	2	1.00	2	2	1.00	1	1	1.00	4	4	1.00
01092	ZINC, TOTAL	Marine Acute	95.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00

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

Station Inventory for Station: CANA0040

NPS Station ID: CANA0040
LAT/LON: 28.902698/ -80.818754
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 4A
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_4A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON & IS THE SOUTHERN MOST STATION OF A TRANSECT RUNNING IN A SOUTH TO NORTH DIRECTION. IT IS ON THE EAST EDGE OF THE LAGOON IN AN AREA OF SHALLOW WATER(MAX DEPTH OF 1.4 METERS) WITH EXTREMELY LIMITED

Parameter Inventory for Station: CANA0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-03/02/92	4	25.	23.75	40.	5.	222.917	14.93	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-03/02/92	4	51.5	58.75	92.	40.	528.917	22.998	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-03/02/92	4	6.65	8.	14.	4.7	18.06	4.25	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/23/91-03/02/92	4	-1.414	-1.328	-0.776	-1.709	0.167	0.409	**	**	**	**

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

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

Station Inventory for Station: CANA0041

NPS Station ID: CANA0041
LAT/LON: 28.904727/ -80.854448
Agency: 21FLVEMD
Date Created: 02/13/93
Location: INDIAN RIVER LAGOON AT ICWW CM 73
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML16
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CHANNEL MARKER 73 NEAR INDIAN HARBOR ESTATES CANALS (ARIEL)

Parameter Inventory for Station: CANA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	95	24.5	23.508	31.3	15.	29.265	5.41	15.88	17.9	28.4	29.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	68	25.	23.721	31.5	13.7	28.074	5.298	15.4	19.3	28.75	30.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	69	30.	42.609	100.	0.	1419.712	37.679	1.	5.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	77	5.	6.597	15.	1.	12.27	3.503	3.	5.	8.	13.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	62	5.5	5.382	13.	1.6	4.52	2.126	2.63	3.575	6.725	8.07
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	78	1.	1.038	2.	0.5	0.14	0.374	0.6	0.7	1.3	1.6
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	61	13.	14.492	30.	6.	31.821	5.641	8.2	12.	16.	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	86	50900.	50241.86	59700.	37600.	21755874.145	4664.319	44670.	48000.	53125.	55470.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	76	2.4	2.238	4.4	0.5	1.374	1.172	0.7	0.975	3.1	3.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	94	5.8	5.866	9.8	3.2	2.13	1.459	4.	4.475	7.1	8.15
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	88	7.875	7.844	9.	7.5	0.051	0.226	7.529	7.73	7.985	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	88	7.875	7.795	9.	7.5	0.053	0.231	7.529	7.73	7.985	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	88	0.013	0.016	0.032	0.001	0.	0.007	0.008	0.01	0.019	0.03
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	91	33.7	33.053	40.	23.9	11.292	3.36	28.9	31.5	35.1	36.42
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	57	14.	15.263	85.	3.	124.947	11.178	7.8	10.	17.5	20.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	14	0.016	0.029	0.118	0.006	0.001	0.032	0.008	0.01	0.033	0.097
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	52	1.01	1.09	1.7	0.46	0.14	0.375	0.606	0.77	1.4	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	60	0.01	0.015	0.07	0.001	0.	0.011	0.008	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	48	0.06	0.063	0.16	0.01	0.001	0.031	0.02	0.04	0.08	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	57	0.01	0.016	0.05	0.001	0.	0.012	0.003	0.01	0.02	0.032
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	57	15.	49.386	1140.	2.5	23369.259	152.87	5.	5.	35.	89.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	57	1.176	1.199	3.057	0.398	0.322	0.567	0.699	0.699	1.544	1.948
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.827								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	56	5.	16.607	285.	2.5	1490.097	38.602	2.5	5.	15.	28.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	56	0.699	0.93	2.455	0.398	0.172	0.415	0.398	0.699	1.176	1.442
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.513								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	55	10.	41.455	385.	2.5	6576.78	81.097	2.5	5.	30.	132.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	55	1.	1.16	2.585	0.398	0.338	0.581	0.398	0.699	1.477	2.089
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			14.46								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	33	5.24	6.522	17.57	1.35	15.463	3.932	2.702	3.44	8.715	11.152
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	69	5.5	5.926	18.5	0.6	12.848	3.584	2.09	3.13	7.71	11.2
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	33	0.	0.091	0.84	0.	0.028	0.168	0.	0.	0.135	0.29
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	33	0.73	0.941	2.23	0.	0.378	0.615	0.358	0.49	1.515	1.94
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	33	1.34	1.854	6.77	0.17	2.52	1.588	0.33	0.75	2.53	4.474
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/15/92-01/12/93	5	-1.9	-1.91	-1.53	-2.44	0.111	0.333	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	62	0	0.00	10	0	0.00	17	0	0.00	13	0	0.00	22	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	94	10	0.11	15	1	0.07	25	0	0.00	17	0	0.00	37	9	0.24
00400	PH	Other-Hi Lim.	9.	88	1	0.01	13	0	0.00	25	1	0.04	14	0	0.00	36	0	0.00
		Other-Lo Lim.	6.5	88	0	0.00	13	0	0.00	25	0	0.00	14	0	0.00	36	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	57	1	0.02	10	0	0.00	15	0	0.00	13	0	0.00	19	1	0.05
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	56	1	0.02	9	1	0.11	15	0	0.00	13	0	0.00	19	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	55	13	0.24	9	3	0.33	14	3	0.21	13	1	0.08	19	6	0.32

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

Annual Analysis for 1990 - Station CANA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	18	28.4	27.044	30.3	15.7	13.564	3.683	21.64	25.6	29.25	30.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	25.	24.833	31.	17.8	24.405	4.94	17.8	19.95	29.5	31.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	8	50.	53.125	100.	0.	1342.411	36.639	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	9	5.	5.333	8.	2.	4.25	2.062	2.	4.	7.5	8.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	9	6.2	6.956	13.	3.	8.263	2.875	3.	5.15	8.25	13.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	9	0.8	0.9	1.3	0.6	0.053	0.229	0.6	0.75	1.1	1.3
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	9	12.	12.444	16.	9.	3.528	1.878	9.	12.	13.5	16.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	13	57100.	56146.154	59700.	52800.	7339358.974	2709.125	52800.	52900.	58500.	59700.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	9	2.6	2.322	3.3	0.8	0.912	0.955	0.8	1.4	3.15	3.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	18	5.55	5.483	8.5	4.2	1.139	1.067	4.2	4.475	6.025	6.7
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	15	7.9	7.807	8.1	7.5	0.056	0.237	7.5	7.6	8.	8.1
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	15	7.9	7.747	8.1	7.5	0.06	0.245	7.5	7.6	8.	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	15	0.013	0.018	0.032	0.008	0.	0.01	0.008	0.01	0.025	0.032
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	18	35.55	36.5	40.	34.	4.674	2.162	34.	34.9	38.125	39.91
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	9	16.	18.444	41.	5.	119.278	10.921	5.	11.	25.	41.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	9	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.03	0.03	0.05	0.01	0.	0.018	0.01	0.01	0.05	0.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	17.778	85.	5.	731.944	27.054	5.	5.	22.5	85.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.963	1.929	0.699	0.211	0.46	0.699	0.699	1.272	1.929
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.184								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	9	7.	6.856	13.9	2.4	12.823	3.581	2.4	3.55	9.05	13.9

** - 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 1991 - Station CANA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	25	24.6	23.204	30.5	16.1	29.095	5.394	16.1	17.2	28.1	29.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	28.	25.293	31.	14.	38.662	6.218	14.05	22.5	30.	30.5
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	14	25.	35.357	100.	5.	1082.555	32.902	5.	10.	55.	97.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	15	5.	5.6	15.	3.	9.4	3.066	3.	5.	5.	12.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	15	5.7	5.32	6.8	3.2	1.175	1.084	3.38	4.5	6.	6.56
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	14	1.2	1.129	2.	0.6	0.147	0.383	0.6	0.775	1.3	1.75
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	14	18.5	18.571	30.	8.	49.187	7.013	8.	13.	25.	28.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	25	49500.	49828.	55200.	37900.	14907100.	3860.971	44900.	48250.	53650.	53940.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	15	1.4	1.707	3.6	0.7	1.012	1.006	0.7	0.7	2.6	3.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	25	6.3	6.424	9.8	4.3	3.036	1.742	4.3	4.5	8.3	8.5
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	25	7.76	7.769	8.1	7.5	0.045	0.213	7.52	7.53	8.	8.
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	25	7.76	7.72	8.1	7.5	0.048	0.219	7.52	7.53	8.	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	25	0.017	0.019	0.032	0.008	0.	0.009	0.01	0.01	0.03	0.03
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	25	32.4	32.664	36.5	24.	7.914	2.813	29.08	31.5	35.5	35.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	15	13.	13.133	20.	7.	11.552	3.399	8.2	10.	16.	18.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	15	0.01	0.011	0.03	0.01	0.	0.005	0.01	0.01	0.01	0.018
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	15	0.01	0.013	0.03	0.01	0.	0.007	0.01	0.01	0.01	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	10.	105.833	1140.	5.	106153.788	325.813	5.	5.	22.5	808.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	1.	1.139	3.057	0.699	0.449	0.67	0.699	0.699	1.342	2.603
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.777								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	15	5.5	5.647	11.2	1.7	6.608	2.571	2.54	3.9	6.5	10.06

** - 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 box-and-whisker plot

Annual Analysis for 1992 - Station CANA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	12	22.5	23.55	30.1	15.1	22.597	4.754	16.15	21.	28.825	29.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	22.25	22.14	27.7	13.7	20.8	4.561	13.98	19.05	26.5	27.58
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	11	40.	43.636	100.	0.	1565.455	39.566	0.	0.	80.	98.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	11	5.	5.909	10.	3.	5.091	2.256	3.	5.	8.	9.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	11	5.7	6.	8.1	3.	3.204	1.79	3.18	4.3	8.	8.08
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	0.8	1.	1.8	0.6	0.152	0.39	0.62	0.7	1.2	1.76
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	11.	12.364	25.	8.	21.455	4.632	8.2	10.	14.	22.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	9	50400.	49811.111	53400.	45300.	6791111.111	2605.976	45300.	47450.	51650.	53400.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	11	2.2	1.927	2.7	0.6	0.514	0.717	0.62	1.5	2.4	2.66
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	12	6.	5.917	8.2	3.2	1.949	1.396	3.53	5.2	6.625	8.14
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	9	7.9	8.019	9.	7.6	0.176	0.42	7.6	7.775	8.155	9.
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	9	7.9	7.902	9.	7.6	0.191	0.437	7.6	7.775	8.155	9.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	9	0.013	0.013	0.025	0.001	0.	0.007	0.001	0.008	0.017	0.025
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	9	33.2	32.7	35.4	29.4	3.925	1.981	29.4	30.85	34.1	35.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	11	14.	20.091	85.	4.	495.091	22.251	4.8	8.	19.	72.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.01	0.015	0.06	0.01	0.	0.016	0.01	0.01	0.01	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	10	0.01	0.014	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	15.	42.727	235.	5.	4521.818	67.244	5.	5.	55.	202.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	1.176	1.298	2.371	0.699	0.288	0.537	0.699	0.699	1.74	2.266
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.872								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	6.4	8.027	18.5	1.3	26.56	5.154	1.7	3.4	11.6	17.2

** - 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 CANA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	15.	17.078	24.9	15.	12.797	3.577	15.	15.	19.4	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	3	20.	21.333	25.	19.	10.333	3.215	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	12	5.	22.083	75.	0.	1020.265	31.942	1.5	5.	57.5	75.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	12.5	11.833	15.	5.	13.061	3.614	5.6	10.	15.	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	8	3.05	3.2	6.5	1.6	2.689	1.64	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	12	1.15	1.042	1.5	0.5	0.237	0.487	0.5	0.5	1.5	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	8	12.	12.5	14.	12.	0.571	0.756	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	9	44700.	46033.333	52800.	44600.	7405000.	2721.213	44600.	44700.	46700.	52800.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	9	3.8	2.9	3.8	0.5	1.98	1.407	0.5	1.4	3.8	3.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	9	7.4	7.022	7.5	5.6	0.652	0.807	5.6	6.5	7.45	7.5
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	9	7.74	7.808	8.13	7.74	0.017	0.13	7.74	7.74	7.85	8.13
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	9	7.74	7.793	8.13	7.74	0.017	0.131	7.74	7.74	7.85	8.13
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	9	0.018	0.016	0.018	0.007	0.	0.004	0.007	0.014	0.018	0.018
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	9	28.9	29.689	34.9	27.	4.884	2.21	27.	28.9	30.35	34.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	7	10.	10.	16.	3.	21.667	4.655	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	7	0.01	0.013	0.02	0.006	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	7 ##	0.001	0.003	0.009	0.001	0.	0.003	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	6	32.5	45.833	115.	10.	1654.167	40.671	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	6	1.477	1.506	2.061	1.	0.17	0.413	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32.064								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	15	5.	5.929	14.2	0.6	16.791	4.098	1.8	2.7	8.88	13.438

** - Less than 9 observations ## - Computed with 50% or 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 CANA0041

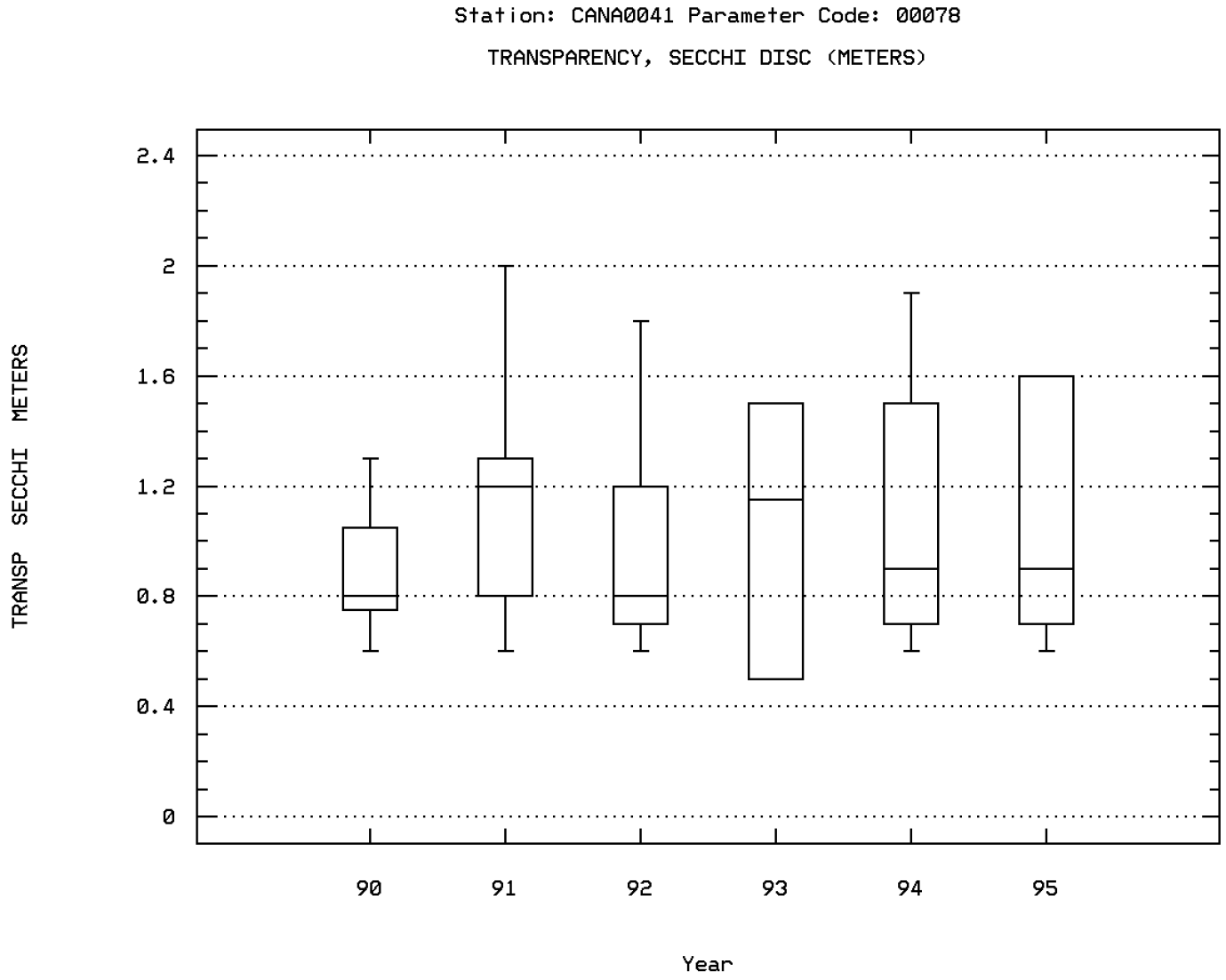
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	18	23.8	22.772	30.4	16.	20.179	4.492	17.44	18.65	26.525	29.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	18	22.	22.75	31.5	15.4	30.505	5.523	15.4	18.475	27.875	30.15
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	13	30.	52.538	100.	5.	1916.603	43.779	5.	9.5	98.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	16	5.	4.625	10.	1.	4.783	2.187	1.7	3.	6.	7.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	11	5.7	5.609	9.7	2.4	4.811	2.193	2.42	3.5	7.	9.26
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	18	1.	1.022	1.9	0.6	0.128	0.357	0.6	0.7	1.125	1.54
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	13.	14.636	30.	6.	52.655	7.256	6.2	9.	17.	29.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	17	50900.	50082.353	53200.	42600.	11132794.118	3336.584	43080.	48950.	52600.	53120.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	18	2.45	2.228	4.4	0.6	1.569	1.253	0.6	0.875	2.5	4.4
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	17	5.6	5.329	7.2	3.6	1.013	1.007	3.68	4.5	6.1	6.48
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	17	7.94	7.931	8.17	7.66	0.02	0.143	7.724	7.85	7.98	8.17
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	17	7.94	7.91	8.17	7.66	0.021	0.144	7.724	7.85	7.98	8.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	17	0.011	0.012	0.022	0.007	0.	0.004	0.007	0.01	0.014	0.019
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	17	33.5	32.894	35.2	27.5	5.837	2.416	27.82	32.1	34.7	35.12
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	10	13.5	14.1	19.	8.	11.656	3.414	8.3	11.75	17.25	18.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.02	0.02	0.07	0.006	0.	0.018	0.006	0.01	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.017	0.02	0.047	0.008	0.	0.012	0.008	0.013	0.024	0.047
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	20.	44.545	150.	2.5	2206.023	46.968	2.5	10.	65.	141.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	1.301	1.366	2.176	0.398	0.351	0.592	0.398	1.	1.813	2.145
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.254								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	4.62	4.828	8.12	1.39	4.845	2.201	1.51	2.39	6.91	7.894

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

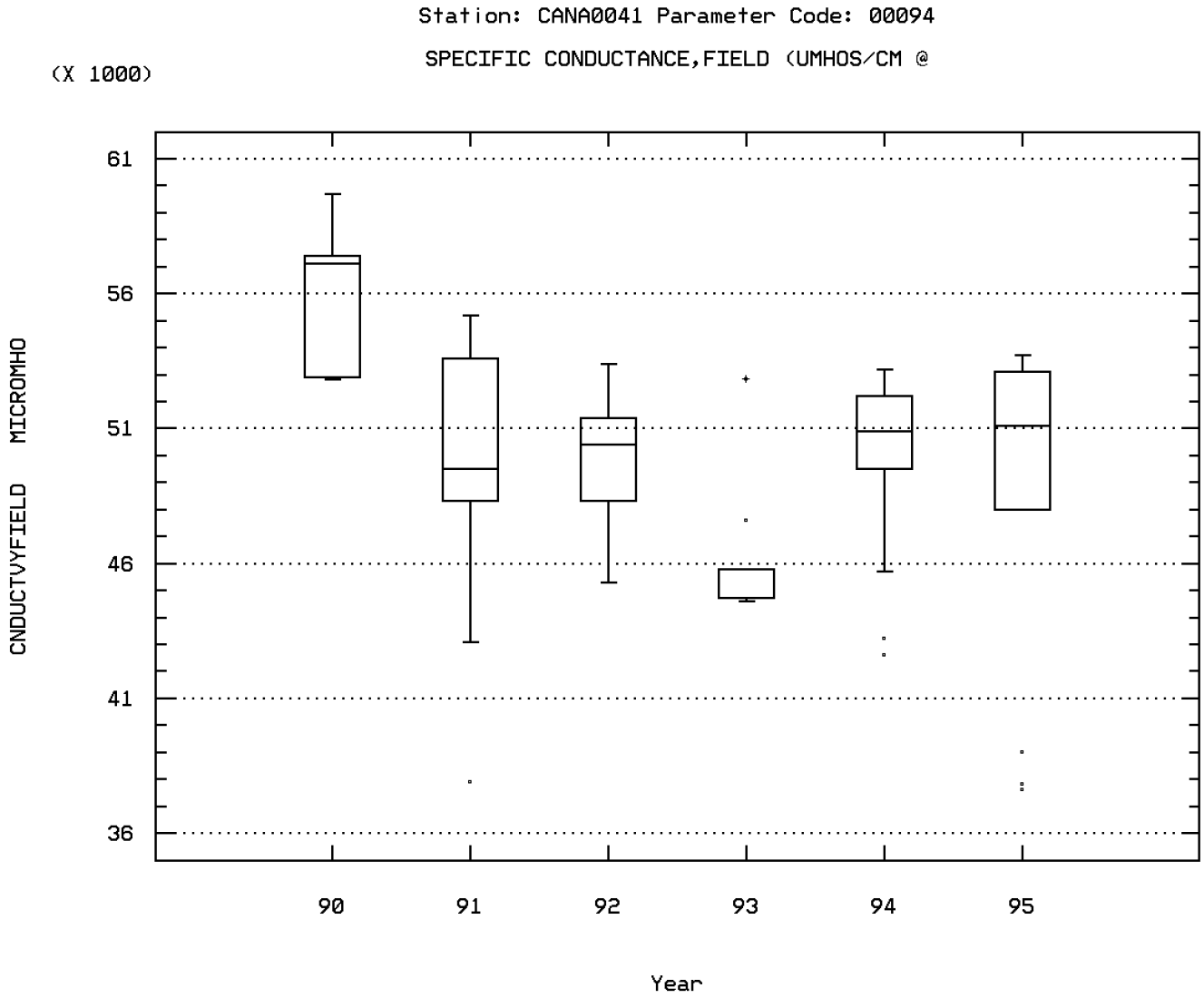
Annual Analysis for 1995 - Station CANA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	28.6	24.631	31.3	15.5	41.864	6.47	16.1	17.05	30.15	31.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	26.	24.321	30.	16.	26.677	5.165	16.	19.	27.75	30.
00032	CLOUD COVER (PERCENT)	04/17/90-07/17/95	11	40.	53.818	100.	1.	1384.164	37.204	1.	30.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	14	7.	6.786	13.	3.	5.72	2.392	4.	5.	7.	11.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	8	4.6	4.75	7.7	2.6	3.691	1.921	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	14	1.	1.086	1.6	0.6	0.14	0.374	0.6	0.85	1.6	1.6
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	8	14.5	14.375	23.	8.	20.554	4.534	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	13	51100.	48553.846	53700.	37600.	37974358.974	6162.334	37680.	43500.	53250.	53580.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	14	2.6	2.586	4.2	0.6	1.764	1.328	0.6	1.15	3.6	4.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	4.2	5.177	7.2	3.6	2.452	1.566	3.6	3.8	7.05	7.16
00400p	PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.84	7.823	7.96	7.73	0.008	0.09	7.73	7.735	7.895	7.956
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.84	7.815	7.96	7.73	0.008	0.091	7.73	7.735	7.895	7.956
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.014	0.015	0.019	0.011	0.	0.003	0.011	0.013	0.018	0.019
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	33.7	31.808	35.6	23.9	20.152	4.489	23.94	28.05	35.25	35.52
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	14.	15.	20.	9.	18.	4.243	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	8	0.02	0.017	0.03	0.001	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	7	0.014	0.013	0.017	0.004	0.	0.005	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	8	5.	18.75	70.	2.5	575.	23.979	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	8	0.699	0.96	1.845	0.398	0.308	0.555	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.12								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	8	3.3	4.015	7.19	1.58	4.205	2.051	**	**	**	**

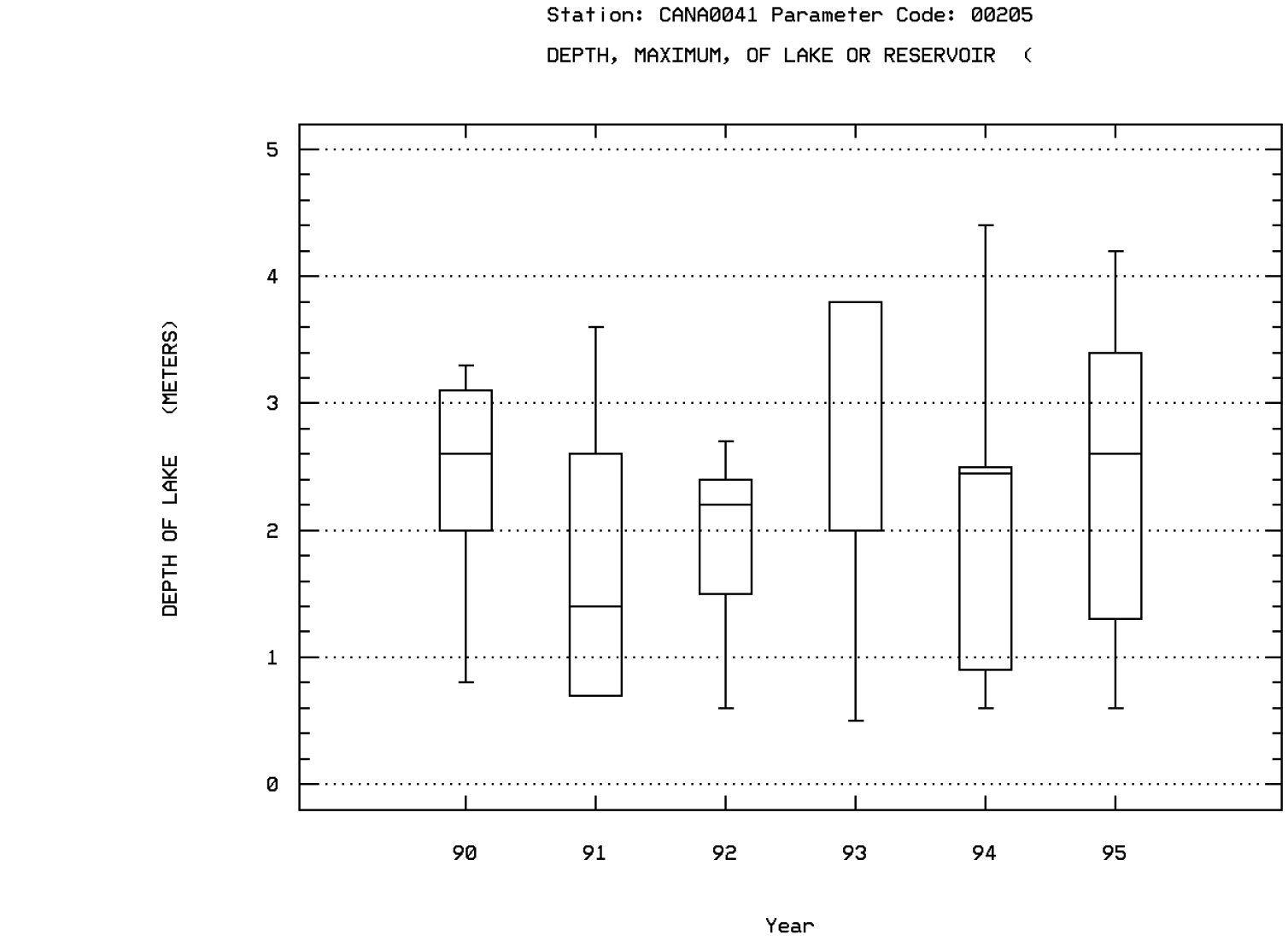
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



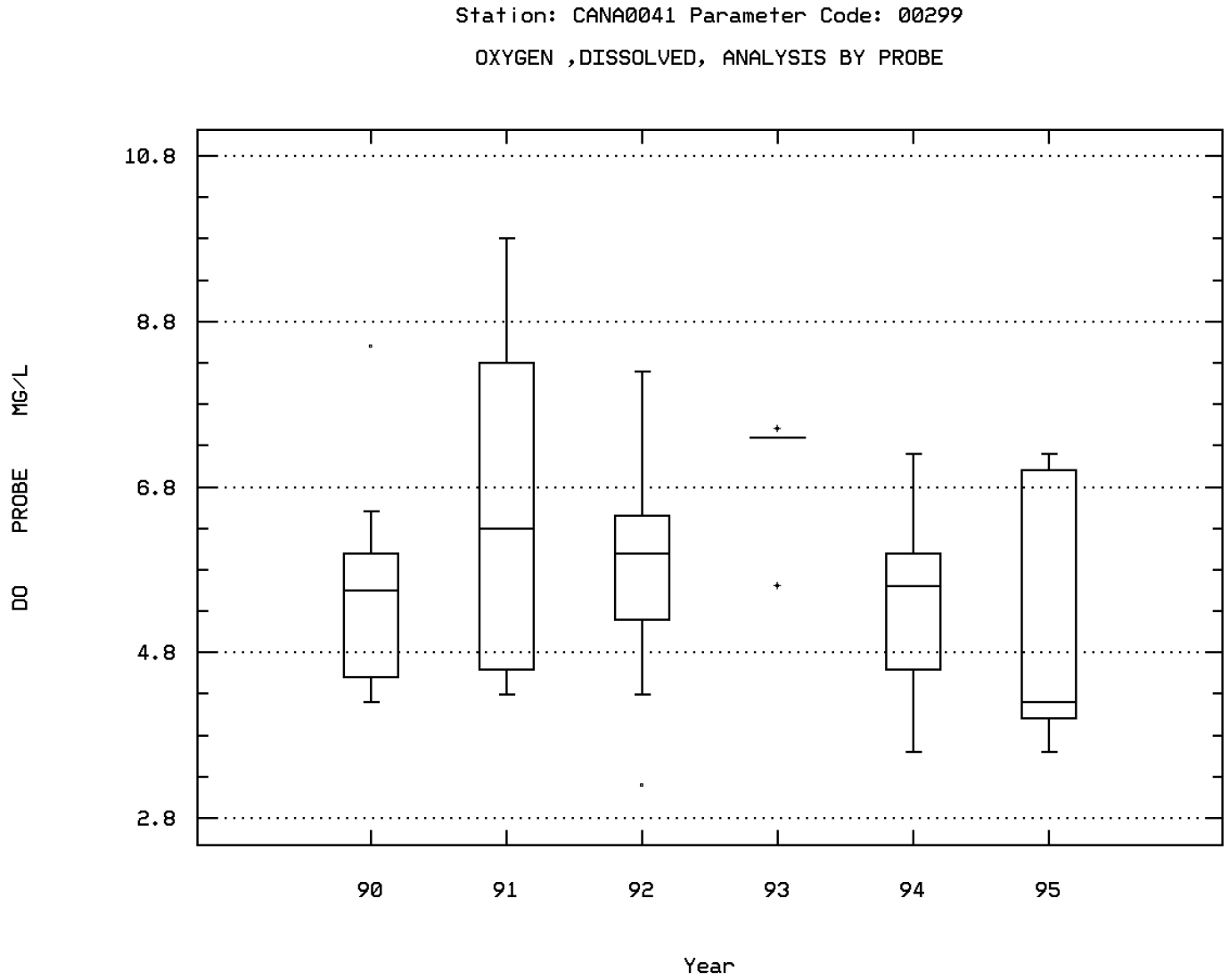
INDIAN RIVER LAGOON AT ICWW CM 73



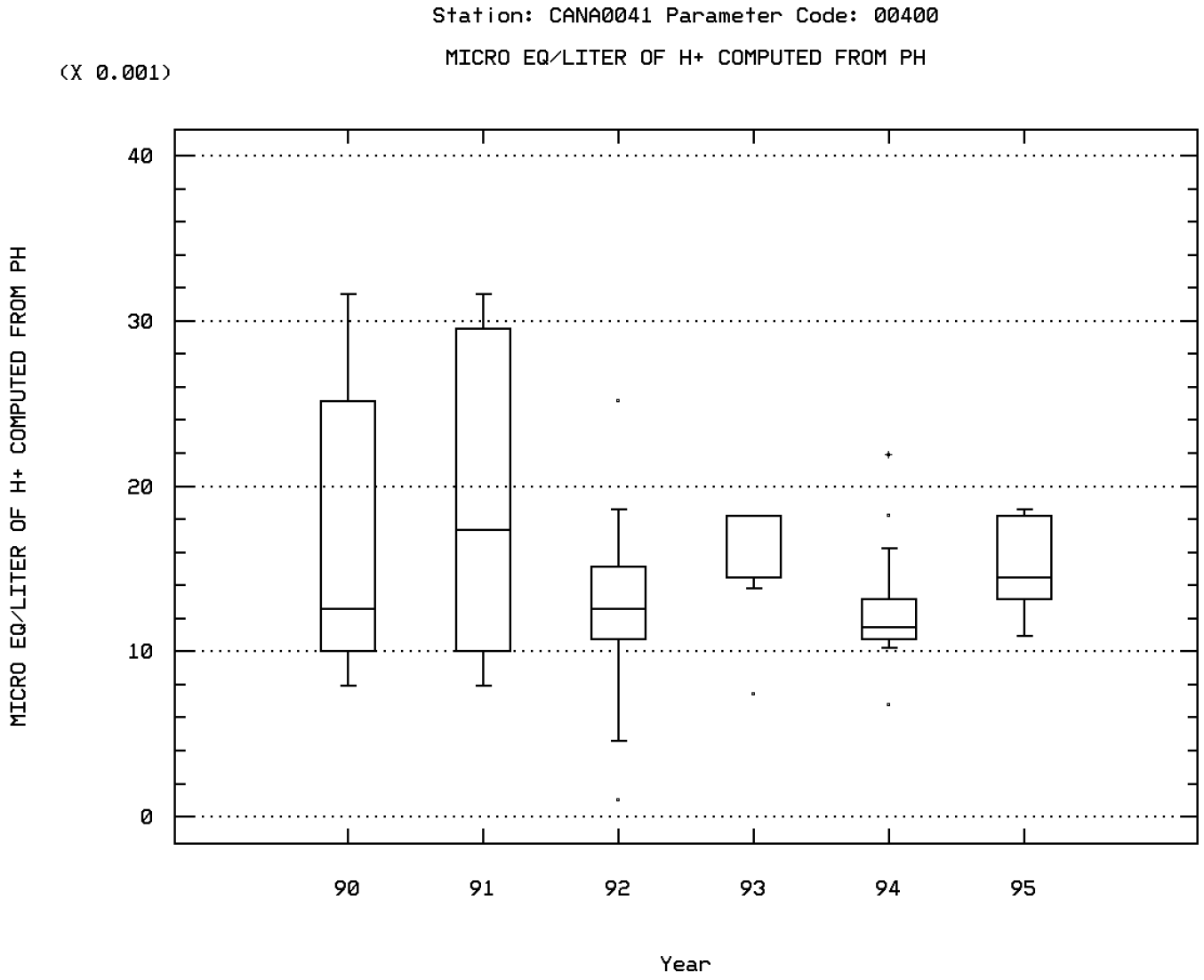
INDIAN RIVER LAGOON AT ICWW CM 73



INDIAN RIVER LAGOON AT ICWW CM 73



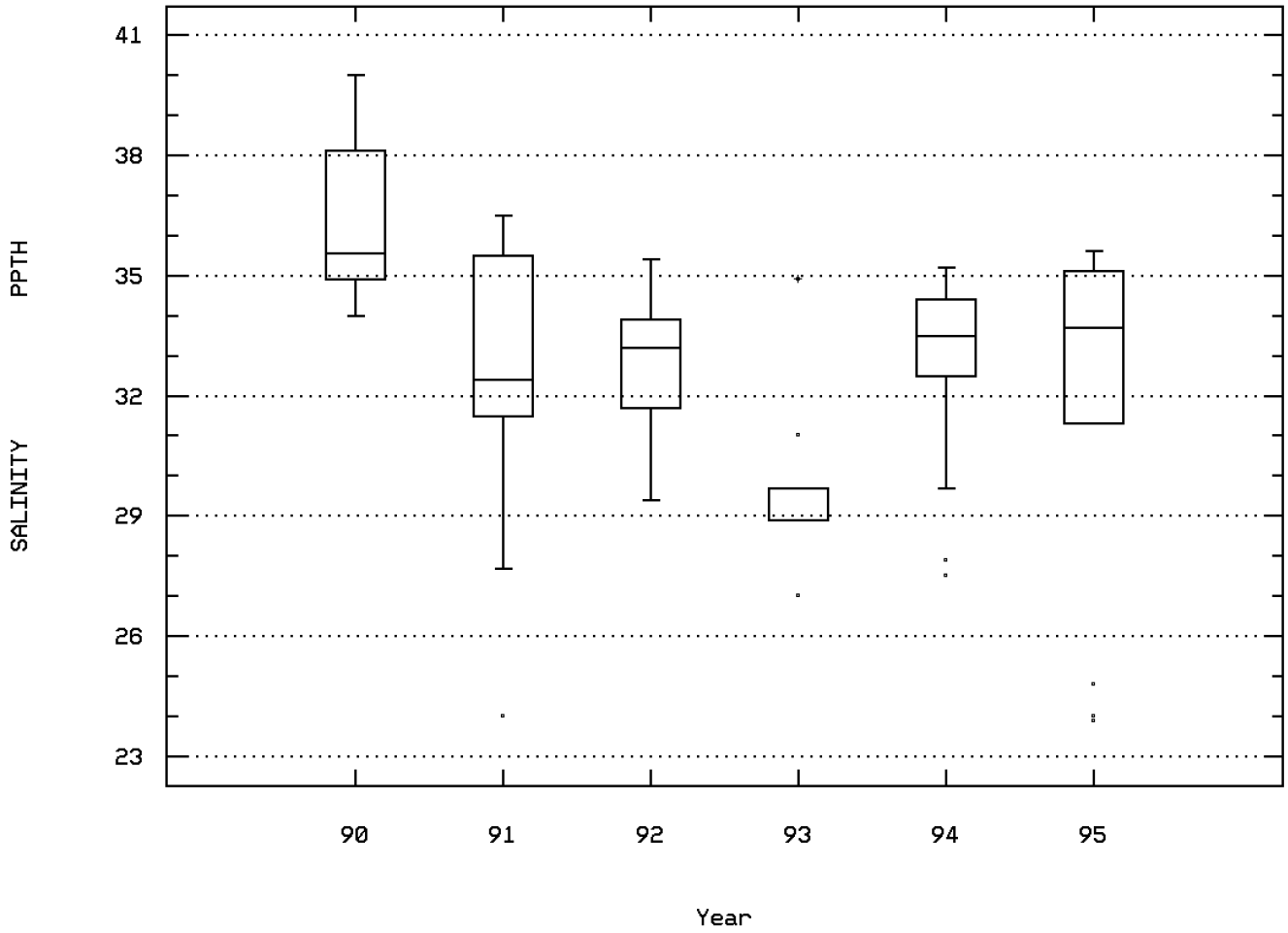
INDIAN RIVER LAGOON AT ICWW CM 73



INDIAN RIVER LAGOON AT ICWW CM 73

Station: CANA0041 Parameter Code: 00480

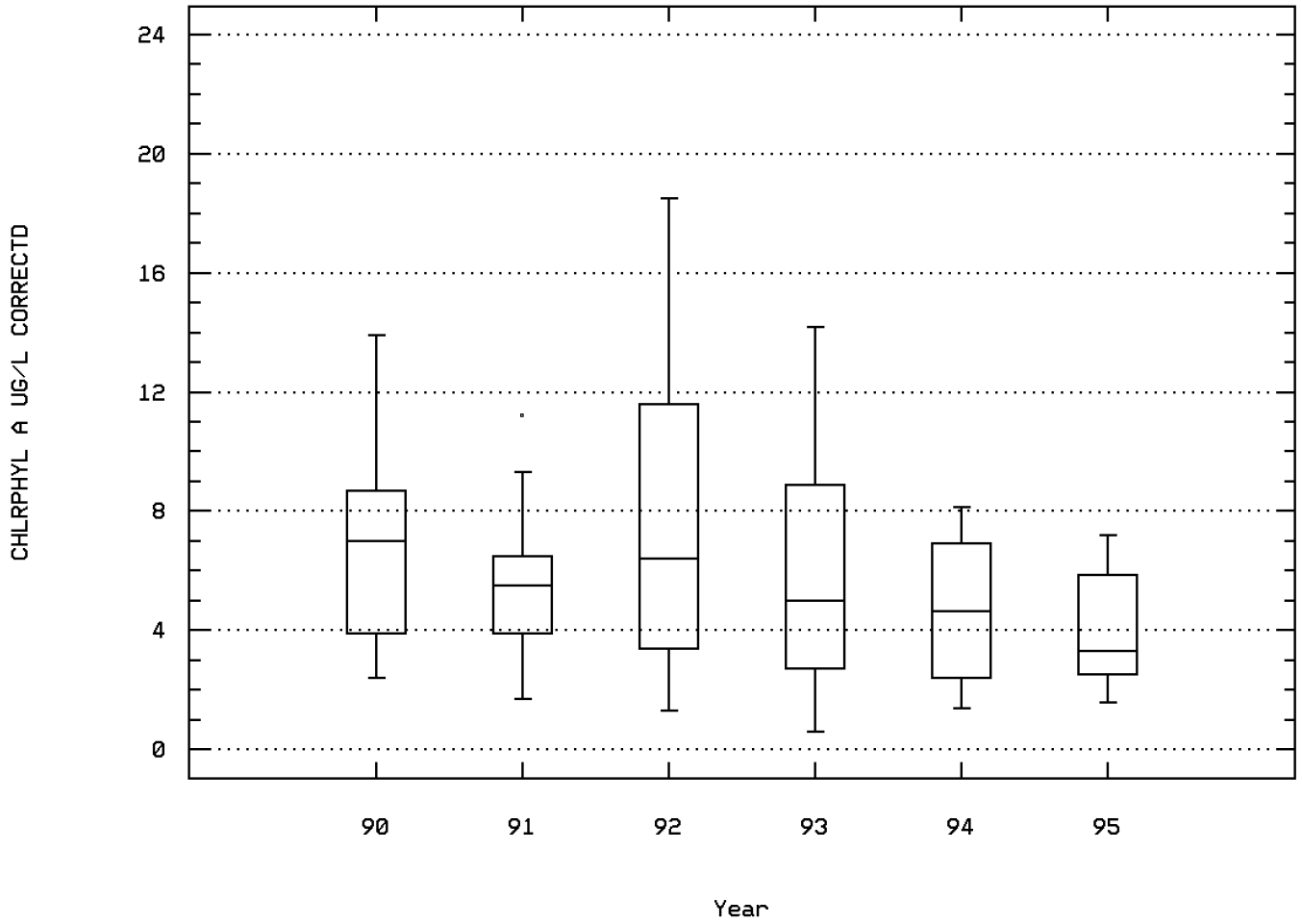
SALINITY - PARTS PER THOUSAND



INDIAN RIVER LAGOON AT ICWW CM 73

Station: CANA0041 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON AT ICWW CM 73

Station Inventory for Station: CANA0042

NPS Station ID: CANA0042
LAT/LON: 28.910392/ -80.822365
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 4B
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_4B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON & IS THE MIDDLE STATION OF A TRANSECT RUNNING IN A SOUTH TO NORTH DIRECTION. IT IS ON THE EAST EDGE OF THE LAGOON IN AN AREA OF SHALLOW WATER(MAX DEPTH OF 1.4 METERS) WITH EXTREMELY LIMITED

Parameter Inventory for Station: CANA0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	12/06/91-05/05/92	3	15.	16.667	30.	5.	158.333	12.583	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/06/91-05/05/92	3	42.	38.333	53.	20.	282.333	16.803	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	12/06/91-05/05/92	3	2.	6.333	16.	1.	70.333	8.386	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	12/06/91-05/05/92	3	-0.81	-0.949	-0.771	-1.267	0.076	0.276	**	**	**	**

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

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

Station Inventory for Station: CANA0043

NPS Station ID: CANA0043
LAT/LON: 28.913337/ -80.858892
Agency: 21FLVEMD
Date Created: 02/13/93
Location: INDIAN RIVER LAGOON AT ICWW CM 70
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CHANNEL MARKER 70 NEAR TERRA MAR VILLAGE MOBILE HOME PARK

Parameter Inventory for Station: CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	65	24.8	24.495	31.5	15.1	24.105	4.91	16.8	20.2	28.95	30.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	56	25.	23.568	35.	12.	31.744	5.634	14.72	19.1	28.	30.
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	57	40.	46.754	100.	0.	1557.439	39.464	0.	5.	95.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	58	5.	6.034	15.	0.	8.981	2.997	3.	4.5	8.	10.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	57	6.3	6.419	14.	1.3	7.894	2.81	2.98	4.35	8.1	10.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	58	0.9	0.948	1.7	0.5	0.053	0.23	0.7	0.8	1.1	1.2
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	56	13.	14.321	30.	7.	32.913	5.737	8.	11.	14.	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	63	50800.	50204.762	59500.	38200.	18612073.733	4314.171	43600.	47800.	52800.	55160.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	59	1.2	1.59	3.6	0.5	0.686	0.829	0.9	1.	2.	3.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	66	5.7	5.798	9.2	3.5	1.592	1.262	4.3	4.8	6.625	7.4
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	65	7.9	7.857	8.7	7.5	0.041	0.201	7.574	7.73	7.925	8.094
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	65	7.9	7.816	8.7	7.5	0.042	0.206	7.574	7.73	7.925	8.094
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	65	0.013	0.015	0.032	0.002	0.	0.006	0.008	0.012	0.019	0.027
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	65	33.8	33.083	39.8	24.9	8.734	2.955	28.78	31.3	34.95	36.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	51	16.	17.98	80.	3.	141.38	11.89	8.	12.	22.	27.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	17	0.017	0.027	0.098	0.003	0.001	0.025	0.005	0.01	0.035	0.068
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	47	1.01	1.116	1.9	0.54	0.137	0.37	0.656	0.84	1.4	1.61
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	53	0.01	0.015	0.07	0.001	0.	0.012	0.01	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	43	0.072	0.073	0.17	0.01	0.001	0.033	0.04	0.05	0.1	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	51	0.01	0.016	0.05	0.001	0.	0.011	0.008	0.01	0.02	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	56	15.	46.83	800.	2.5	13253.066	115.122	4.25	5.	43.75	87.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	56	1.176	1.208	2.903	0.398	0.33	0.574	0.609	0.699	1.64	1.931
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.144								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	55	5.	20.364	230.	2.5	1621.856	40.272	2.5	5.	20.	41.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	55	0.699	0.957	2.362	0.398	0.233	0.483	0.398	0.699	1.301	1.606
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.066								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	54	10.	36.435	695.	2.5	9540.	97.673	3.75	5.	25.	80.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	54	1.	1.125	2.842	0.398	0.281	0.53	0.548	0.699	1.398	1.902
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.321								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	30	6.305	7.145	19.9	1.44	20.283	4.504	2.511	3.5	9.198	12.703
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	63	5.4	6.691	26.1	0.8	22.236	4.716	2.224	3.7	8.5	12.18
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	30	0.015	0.088	0.45	0.	0.016	0.126	0.	0.	0.175	0.28
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/15/95	30	0.75	1.036	2.91	0.29	0.475	0.689	0.343	0.508	1.525	2.142
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/15/95	30	1.515	1.824	5.27	0.04	1.581	1.257	0.324	0.978	2.455	3.576
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-01/12/93	6	-1.88	-1.86	-1.3	-2.64	0.213	0.461	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	57	0	0.00	11	0	0.00	14	0	0.00	13	0	0.00	19	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	66	3	0.05	12	0	0.00	12	0	0.00	17	0	0.00	25	3	0.12
00400	PH	Other-Hi Lim.	9.	65	0	0.00	12	0	0.00	12	0	0.00	16	0	0.00	25	0	0.00
		Other-Lo Lim.	6.5	65	0	0.00	12	0	0.00	12	0	0.00	16	0	0.00	25	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	56	0	0.00	10	0	0.00	14	0	0.00	13	0	0.00	19	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	55	1	0.02	9	1	0.11	14	0	0.00	13	0	0.00	19	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	54	12	0.22	9	3	0.33	13	3	0.23	13	1	0.08	19	5	0.26

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

Annual Analysis for 1990 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	24.1	25.227	30.4	15.5	18.576	4.31	16.78	24.	29.2	30.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	24.6	24.4	31.	14.3	31.883	5.646	14.3	19.95	29.5	31.
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	9	90.	61.111	100.	0.	1598.611	39.983	0.	25.	95.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	9	5.	5.444	10.	3.	6.028	2.455	3.	3.	7.5	10.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	9	9.1	8.578	14.	3.7	10.854	3.295	3.7	5.7	11.	14.
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	9	12.	12.333	15.	8.	4.25	2.062	8.	11.5	14.	15.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	9	54300.	55022.222	59500.	52700.	6491944.444	2547.929	52700.	52750.	57250.	59500.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	9	1.4	1.478	2.9	0.7	0.537	0.733	0.7	0.95	2.	2.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	11	5.7	5.691	7.3	4.3	0.909	0.953	4.3	5.1	6.1	7.26
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	11	7.9	7.809	8.1	7.5	0.033	0.181	7.52	7.7	7.9	8.08
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	11	7.9	7.774	8.1	7.5	0.034	0.185	7.52	7.7	7.9	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	11	0.013	0.017	0.032	0.008	0.	0.007	0.008	0.013	0.02	0.03
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	11	35.	35.655	39.8	29.	7.919	2.814	30.14	34.7	38.1	39.46
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	9	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.03	0.029	0.05	0.01	0.	0.018	0.01	0.01	0.05	0.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	8.889	20.	5.	42.361	6.509	5.	5.	15.	20.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.866	1.301	0.699	0.07	0.265	0.699	0.699	1.151	1.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.349								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	9	7.4	6.256	8.8	3.3	5.015	2.239	3.3	3.9	8.35	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

Annual Analysis for 1991 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	18	25.5	24.733	31.2	16.	24.755	4.975	16.45	19.775	28.925	30.66
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	10	25.75	23.99	35.	12.	61.15	7.82	12.21	14.25	29.25	34.5
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	12	25.	41.667	100.	5.	1469.697	38.337	5.	6.25	86.25	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	5.	5.083	15.	0.	12.083	3.476	0.9	3.5	5.	12.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	6.2	6.342	12.	3.3	5.726	2.393	3.51	4.4	7.45	11.01
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	14.	17.545	30.	7.	67.473	8.214	7.	12.	27.	29.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	18	51050.	49561.111	55200.	38200.	25401339.869	5039.974	42520.	45375.	53725.	55200.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	1.55	1.833	3.3	0.6	0.804	0.897	0.69	1.225	2.8	3.24
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	18	5.75	6.111	8.6	4.3	1.613	1.27	4.3	5.45	7.	8.51
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	18	7.9	7.874	8.7	7.52	0.079	0.281	7.52	7.65	8.	8.16
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	18	7.9	7.805	8.7	7.52	0.084	0.29	7.52	7.65	8.	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	18	0.013	0.016	0.03	0.002	0.	0.008	0.007	0.01	0.022	0.03
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	18	34.35	33.006	36.5	27.6	9.357	3.059	27.69	31.025	35.5	36.5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	12	0.01	0.013	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	12	0.01	0.013	0.03	0.01	0.	0.007	0.01	0.01	0.018	0.027
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	15.	82.083	800.	5.	51333.902	226.57	5.	5.	36.25	575.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	1.176	1.219	2.903	0.699	0.418	0.647	0.699	0.699	1.551	2.542
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.549								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	4.95	6.825	20.2	1.5	28.148	5.305	2.07	3.75	8.575	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 box-and-whisker plot

Annual Analysis for 1992 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	12	25.85	25.242	30.1	15.2	25.539	5.054	16.13	22.	29.95	30.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	22.	21.482	27.6	13.7	21.374	4.623	14.26	16.5	26.1	27.36
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	12	45.	42.5	100.	0.	1643.182	40.536	0.	0.	85.	98.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	5.	6.	10.	3.	5.818	2.412	3.	5.	8.	10.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	7.2	7.225	12.	2.6	9.006	3.001	2.72	5.15	9.75	11.7

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

Annual Analysis for 1992 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	12.	13.583	25.	7.	32.629	5.712	7.9	10.	14.75	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	12	49950.	49500.	53300.	45100.	7167272.727	2677.176	45130.	46925.	51650.	52820.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	12	1.2	1.325	2.6	0.7	0.255	0.505	0.79	1.025	1.375	2.42
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	6.	5.823	8.3	3.8	1.622	1.274	4.12	4.7	6.65	7.94
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	12	7.905	7.867	8.39	7.54	0.046	0.214	7.543	7.8	7.918	8.252
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	12	7.905	7.823	8.39	7.54	0.048	0.219	7.543	7.8	7.917	8.252
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	12	0.012	0.015	0.029	0.004	0.	0.007	0.006	0.012	0.016	0.029
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	12	32.85	32.442	35.4	29.3	3.859	1.964	29.3	30.475	33.875	35.01
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.01	0.015	0.06	0.01	0.	0.016	0.01	0.01	0.01	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	10	0.01	0.014	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	35.	81.818	255.	5.	9376.364	96.832	6.	10.	180.	253.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	1.544	1.581	2.407	0.699	0.353	0.594	0.759	1.	2.255	2.403
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38.149								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	8.4	9.083	26.1	0.8	44.907	6.701	1.49	4.	12.	21.96

** - 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 1993 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	19.95	19.95	24.8	15.1	17.963	4.238	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	20.35	20.3	24.5	16.	15.727	3.966	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	5	5.	14.6	60.	0.	648.3	25.462	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	5	10.	8.	10.	5.	7.5	2.739	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	5	5.	4.54	8.1	1.3	6.583	2.566	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	5	13.	13.	14.	12.	1.	1.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	4	46700.	47725.	52900.	44600.	13422500.	3663.673	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	4	1.15	1.05	1.4	0.5	0.15	0.387	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	4	6.45	6.9	9.2	5.5	2.567	1.602	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	4	7.845	7.843	8.09	7.59	0.042	0.205	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	4	7.844	7.806	8.09	7.59	0.044	0.209	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	4	0.014	0.016	0.026	0.008	0.	0.007	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	4	30.4	31.175	35.	28.9	7.243	2.691	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	4 ##	0.001	0.003	0.008	0.001	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	5	35.	46.	115.	5.	1930.	43.932	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	5	1.544	1.452	2.061	0.699	0.282	0.531	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.288								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	10	5.34	7.362	17.16	1.2	31.277	5.593	1.33	2.95	11.925	16.938

** - Less than 9 observations ## - Computed with 50% or 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 CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	26.7	24.515	30.2	16.	21.825	4.672	16.64	19.85	27.7	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	26.35	25.021	31.5	14.9	30.403	5.514	15.45	20.825	30.	30.75
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	11	60.	58.	100.	1.	1466.6	38.296	2.8	12.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	12	6.	5.917	12.	2.	9.174	3.029	2.3	3.	7.	11.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	11	6.3	6.009	9.6	2.3	4.685	2.164	2.42	4.4	7.5	9.2
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	14.	14.727	30.	7.	43.218	6.574	7.6	11.	14.	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	13	50700.	49392.308	53000.	42200.	11459102.564	3385.13	43000.	47300.	51800.	52920.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	14	1.7	1.964	3.6	0.7	1.216	1.103	0.8	1.	3.3	3.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	4.8	5.208	7.4	3.7	1.021	1.01	3.94	4.55	6.05	7.
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.89	7.878	8.15	7.67	0.015	0.124	7.698	7.805	7.96	8.086

** - 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 1994 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.89	7.862	8.15	7.67	0.016	0.125	7.698	7.805	7.96	8.086
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.013	0.014	0.021	0.007	0.	0.004	0.008	0.011	0.016	0.02
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	33.3	32.4	35.1	27.2	6.123	2.475	27.76	30.85	34.2	35.02
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	10	0.02	0.024	0.07	0.01	0.	0.017	0.01	0.018	0.023	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.018	0.017	0.032	0.008	0.	0.007	0.008	0.014	0.02	0.032
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	11	15.	24.318	70.	2.5	671.364	25.911	2.5	2.5	45.	70.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	11	1.176	1.101	1.845	0.398	0.32	0.566	0.398	0.398	1.653	1.845
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.619								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	5.29	5.144	8.16	1.56	4.851	2.203	1.734	2.91	7.148	8.034

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

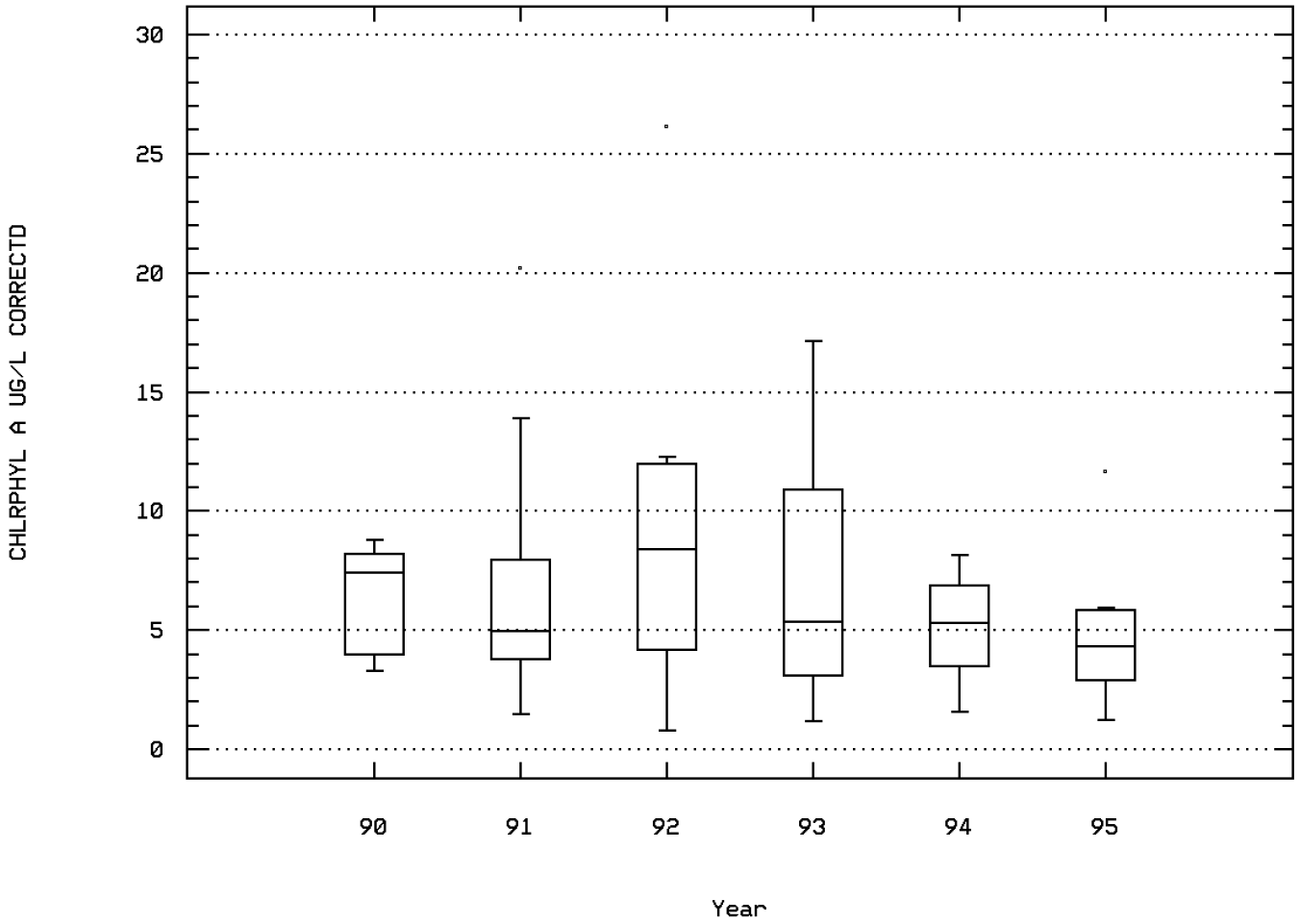
Annual Analysis for 1995 - Station CANA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	7	26.4	24.014	31.5	17.	40.258	6.345	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	8	25.	24.063	30.5	15.	22.031	4.694	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	8	45.	49.25	100.	1.	1990.5	44.615	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	8	7.	7.125	13.	2.	13.268	3.643	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	8	4.45	4.638	7.1	2.1	3.617	1.902	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	8	14.	13.5	22.	8.	19.143	4.375	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	7	51800.	49800.	53900.	39100.	26160000.	5114.685	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	8	1.1	1.363	2.4	0.9	0.343	0.585	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	7	5.3	5.586	7.3	3.5	2.655	1.629	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	7	7.82	7.837	8.03	7.72	0.012	0.108	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	7	7.82	7.826	8.03	7.72	0.012	0.108	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	7	0.015	0.015	0.019	0.009	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	7	34.2	32.7	35.7	24.9	13.94	3.734	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	8	0.015	0.014	0.02	0.001	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	7	0.013	0.012	0.017	0.003	0.	0.005	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	8	15.	20.	55.	2.5	433.929	20.831	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	8	1.176	1.058	1.74	0.398	0.274	0.524	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.424								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	8	4.32	4.873	11.63	1.22	9.97	3.157	**	**	**	**

** - 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 box-and-whisker plot

Station: CANA0043 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON AT ICWW CM 70

Station Inventory for Station: CANA0044

NPS Station ID: CANA0044
LAT/LON: 28.914449/ -80.860003
Agency: 21FLA
Date Created: 09/17/88
Location: INDIAN RIVER NEAR CM #70
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011706
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CM #70 NEAR TERRA MAR VILLAGE MOBILE HOME PARK. VOLUSIA COUNTY STATION NUMBER 13

Parameter Inventory for Station: CANA0044

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: CANA0045

NPS Station ID: CANA0045 | LAT/LON: 28.918003/ -80.860893 | Agency: 11NPSWRD | Date Created: 11/25/95
Location: STATION 3 | FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): CANA_3
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080202 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA | ECO Region:
RF1 Index: 03080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03080202000304.99 | RF3 Mile Point: 12.19 | Distance from RF3: 0.25 | On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN MOSQUITO LAGOON IN THE BRICKHOUSE COVE AREA OF THE WEST CENTRAL REGION OF THE PARK SEVERAL HUNDRED MEETERS EAST OF VOLUSIA COUNTY SAMPLING SITES (#69 AND #70). SURFACE WATER HAS BEEN SAMPLED ON 12 OCCASIONS SINCE JULY 1991 ON A BIMONTHLY SCHEDULE.

Parameter Inventory for Station: CANA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	11	23.	24.127	30.8	16.	29.498	5.431	16.32	19.2	30.5	30.74
00032	CLOUD COVER (PERCENT)	09/19/91-06/16/93	10	90.	68.	100.	20.	1323.333	36.378	20.	27.5	100.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	11	30.	21.818	30.	5.	101.364	10.068	6.	10.	30.	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	47700.	46218.182	52500.	32500.	30851636.364	5554.425	33900.	46200.	49300.	51920.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	46300.	46859.091	57100.	41400.	19137409.091	4374.632	41840.	43800.	47800.	56060.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	11	6.7	6.891	12.6	3.4	4.929	2.22	3.82	5.6	7.3	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	11	2.	2.5	5.	0.5	2.45	1.565	0.6	1.	4.	5.
00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	11	690.	839.909	1560.	493.	123822.691	351.884	502.4	541.	1120.	1518.
00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	11	8.3	8.427	8.9	8.1	0.076	0.276	8.12	8.2	8.8	8.88
00403	CONVERTED PH, LAB, STANDARD UNITS	07/23/91-06/16/93	11	8.3	8.36	8.9	8.1	0.081	0.285	8.12	8.2	8.8	8.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	11	0.005	0.004	0.008	0.001	0.	0.002	0.001	0.002	0.006	0.008
00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	9	8.	8.067	8.4	7.5	0.083	0.287	7.5	7.9	8.3	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/23/91-06/16/93	9	8.	7.973	8.4	7.5	0.092	0.304	7.5	7.9	8.3	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	9	0.01	0.011	0.032	0.004	0.	0.009	0.004	0.005	0.013	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	11	127.	132.455	166.	120.	195.073	13.967	120.2	124.	144.	162.
00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	11	31.1	31.355	34.6	29.	2.171	1.473	29.2	30.5	32.1	34.18
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	11	45.	74.091	350.	28.	8560.491	92.523	28.6	38.	64.	294.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	11	0.86	0.952	1.86	0.25	0.213	0.462	0.27	0.71	1.26	1.746
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	8	78.58	253.444	801.03	13.61	93993.405	306.583	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.08	0.073	0.15	0.01	0.003	0.052	0.01	0.03	0.13	0.148
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	11	10.6	12.278	47.79	0.73	179.749	13.407	1.04	2.55	15.8	42.092
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	9	0.16	0.248	0.77	0.05	0.052	0.228	0.05	0.08	0.365	0.77
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11 ##	0.01	0.015	0.04	0.005	0.	0.012	0.005	0.01	0.03	0.038
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	11	2.6	2.68	6.62	0.02	5.133	2.266	0.032	0.85	4.73	6.484
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	11	0.65	0.709	1.28	0.13	0.126	0.355	0.166	0.46	1.09	1.248
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	11	802.	780.725	1522.14	71.17	213218.734	461.756	99.136	498.	1267.01	1489.712
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	11 ##	0.015	0.018	0.03	0.01	0.	0.007	0.01	0.015	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	11	0.07	0.088	0.2	0.01	0.004	0.061	0.014	0.05	0.15	0.196
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	11	17.2	45.209	264.	5.8	5587.223	74.748	6.16	8.2	47.2	222.48
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	11	1.1	1.536	4.3	0.4	1.523	1.234	0.42	0.5	2.4	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: CANA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	11	296.	311.909	430.	228.	5089.091	71.338	228.8	235.	388.	422.6
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	11	10747.	15009.528	43800.	1636.361	64494149.604	12825.527	1645.088	6802.72	18643.	41182.6
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	11	2179.	2575.912	5827.51	844.96	2919176.687	1708.56	852.668	921.74	4081.63	5544.008
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	11	978.	1018.091	1290.	782.	27133.291	164.722	798.4	872.	1210.	1276.
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	11	382.	392.727	505.	287.	3207.018	56.631	300.6	358.	429.	492.4
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	11	464.81	1085.059	4289.04	1.31	1675104.971	1294.258	17.356	224.6	1470.	3921.178
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	11	2918.	2754.636	3300.	2210.	155847.655	394.775	2224.	2380.	3070.	3286.6
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	10	## 25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	11	## 6.565	7.078	17.52	0.2	21.789	4.668	0.806	3.955	9.14	16.347
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	11	## 0.25	0.408	1.7	0.1	0.214	0.462	0.1	0.1	0.5	1.46
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	11	0.22	0.424	1.63	0.01	0.231	0.481	0.022	0.12	0.71	1.456
01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	11	3060.	2891.818	3790.	250.	892456.364	944.699	726.	2880.	3360.	3782.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	11	## 13.13	19.957	66.18	1.2	420.938	20.517	1.2	6.46	38.1	61.192
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	11	0.2	0.914	6.	0.05	3.181	1.784	0.05	0.05	0.7	5.2
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	0.05	0.081	0.28	0.005	0.01	0.098	0.005	0.015	0.11	0.276
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	12.8	29.024	104.78	4.48	1127.692	33.581	4.534	5.81	62.	96.988
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	11	10.	15.091	46.	3.	154.891	12.446	3.2	6.	20.	41.6
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	10	## 15.	14.25	15.	7.5	5.625	2.372	8.25	15.	15.	15.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/20/91-06/16/93	10	## 4.958	11.833	58.87	1.91	290.49	17.044	2.113	4.023	13.98	54.399
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	11	## 1.5	3.045	7.5	1.5	4.073	2.018	1.5	1.5	4.	7.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	11	4.23	4.913	11.24	1.4	9.965	3.157	1.446	2.62	7.01	10.782
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	11	31.12	35.59	97.9	8.11	630.807	25.116	9.6	17.99	48.63	88.252
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	11	## 10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	11	## 100.	119.091	310.	100.	4009.091	63.317	100.	100.	100.	268.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	11	## 17.6	21.889	46.62	8.	173.39	13.168	8.	8.	34.015	44.609
01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	11	## 2.5	28.5	220.	0.5	4195.5	64.773	0.5	0.5	30.	182.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	2.16	4.268	12.26	0.065	20.006	4.473	0.072	0.16	7.64	11.972
01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	11	1.1	3.527	15.	0.5	32.308	5.684	0.5	0.7	1.7	15.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	11	## 2.635	3.095	6.995	0.05	4.977	2.231	0.064	1.36	5.1	6.693
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	11	## 5.	11.227	40.	0.5	126.268	11.237	1.4	5.	18.	36.
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	11	## 100.	91.	100.	1.	891.	29.85	20.8	100.	100.	100.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	11	## 26.26	26.311	57.74	7.45	264.237	16.255	7.45	12.92	36.565	55.516
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	9	## 79.	97.656	233.1	28.	5345.909	73.116	28.	28.	157.06	233.1
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	11	373.	463.545	1280.	126.	110177.273	331.93	133.	240.	670.	1163.2
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	11	4890.	7337.38	21165.5	1152.45	53154474.014	7290.711	1253.96	1685.	14625.3	20571.86
01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	11	1320.	1708.182	3840.	400.	1415176.364	1189.612	400.	920.	2210.	3820.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	7	## 84.185	85.359	115.385	63.955	422.591	20.557	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	11	0.01	0.017	0.04	0.005	0.	0.012	0.005	0.01	0.03	0.038
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	11	5620.	32255.585	253402.	2230.	5470330108.468	73961.68	2251.442	2350.32	18318.1	209304.36
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	9	22.	51.056	160.	5.5	3312.528	57.555	5.5	11.	106.	160.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/19/91-06/16/93	9	1.342	1.44	2.204	0.74	0.269	0.518	0.74	1.041	2.021	2.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.537								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	9	## 5.	16.111	50.	5.	373.611	19.329	5.	5.	30.	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	9	## 0.699	0.988	1.699	0.699	0.179	0.423	0.699	0.699	1.349	1.699
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.729								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	11	10.7	9.649	18.7	2.	41.006	6.404	2.26	3.3	16.	18.7
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	11	112.	114.273	161.	72.	998.618	31.601	74.4	88.	143.	160.8
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	8	0.015	0.078	0.33	0.	0.016	0.126	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	4	## 0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	4	## 0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	4	## 0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	4	## 0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	4	## 0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	4	## 0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4	## 0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	7	0.152	0.149	0.205	0.085	0.002	0.046	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	11	32000.	32498.182	39900.	29300.	9477636.364	3078.577	29456.	30100.	33300.	39000.
70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.7	7.782	8.4	6.9	0.204	0.451	7.	7.5	8.2	8.38
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.7	7.558	8.4	6.9	0.259	0.509	7.	7.5	8.2	8.38
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/91-06/16/93	11	0.02	0.028	0.126	0.004	0.001	0.035	0.004	0.006	0.032	0.109
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	8 ##	0.028	0.03	0.045	0.02	0.	0.008	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	11	0.12	0.172	0.56	0.02	0.035	0.186	0.02	0.02	0.25	0.542
81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	11	1.39	1.582	3.51	0.114	0.837	0.915	0.248	1.032	2.139	3.267
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	11	0.057	0.053	0.077	0.023	0.	0.019	0.024	0.035	0.074	0.077
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	11	974.8	7522.309	29603.7	230.	107049459.887	10346.471	280.	631.6	18464.3	27628.54
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	11	8.1	7.409	12.1	2.2	13.695	3.701	2.3	4.2	10.4	12.08
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	10 ##	33.618	42.853	115.385	0.22	2062.779	45.418	0.332	1.903	85.763	112.896

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

EPA Water Quality Criteria Analysis for Station: CANA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	1	0.09	2	0	0.00	3	0	0.00	2	0	0.00	4	1	0.25
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Marine Acute	69.	10	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01067	NICKEL, TOTAL	Marine Acute	75.	11	1	0.09	2	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
01077	SILVER, TOTAL	Marine Acute	0.12	9 &	9	1.00	2	2	1.00	2	2	1.00	1	1	1.00	4	4	1.00
01092	ZINC, TOTAL	Marine Acute	95.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00

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

Station Inventory for Station: CANA0046

NPS Station ID: CANA0046
LAT/LON: 28.923615/ -80.826170
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 4C
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_4C
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN THE NORTHERN SECTION OF THE PARK IN MOSQUITO LAGOON & IS THE NORTHERN MOST STATION OF A TRANSECT RUNNING IN A SOUTH TO NORTH DIRECTION. IT IS ON THE EAST EDGE OF THE LAGOON IN AN AREA OF SHALLOW WATER(MAX DEPTH OF 1.4 METERS) WITH EXTREMELY LIMITED

Parameter Inventory for Station: CANA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-06/02/92	5	20.	20.	40.	10.	150.	12.247	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/91-06/02/92	5	47.	55.	92.	34.	489.	22.113	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/08/91-06/02/92	5 ##	2.	6.41	16.	0.75	46.703	6.834	**	**	**	**
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/08/91-06/02/92	5	-1.125	-1.074	-0.545	-1.823	0.276	0.525	**	**	**	**

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

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

Station Inventory for Station: CANA0047

NPS Station ID: CANA0047
LAT/LON: 28.923892/ -80.863060
Agency: 21FLA
Date Created: 09/17/88
Location: INDIAN RIVER NEAR CM #69
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011705
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CM #69 NEAR CEMENT PLANT AND BOSTON WHALER FACILITY. VOLUSIA COUNTY STATION NUMBER 12.

Parameter Inventory for Station: CANA0047

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: CANA0048

NPS Station ID: CANA0048
LAT/LON: 28.923892/ -80.863060
Agency: 21FLVEMD
Date Created: 02/13/93
Location: INDIAN RIVER LAGOON AT ICWW CM 69
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CHANNEL MARKER 69 NEAR CEMENT PLANT AND BOSTON WHALER FACILITY SOUTH OF EDGEWATER

Parameter Inventory for Station: CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	60	25.5	24.57	31.4	15.3	26.716	5.169	16.28	19.425	29.1	30.89
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	58	26.1	25.31	35.	13.2	28.968	5.382	16.27	21.975	29.125	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	57	50.	49.895	100.	0.	1372.524	37.048	0.8	10.	90.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	58	7.	7.448	20.	0.	17.234	4.151	3.	5.	10.	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	58	5.95	6.128	14.	2.	8.057	2.839	2.79	3.9	7.6	10.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	58	0.9	0.981	1.6	0.5	0.063	0.252	0.7	0.8	1.1	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	56	13.	14.75	35.	6.	33.827	5.816	9.7	12.	16.	23.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/15/95	56	50700.	50328.571	59500.	38400.	17560623.377	4190.54	44200.	48300.	53050.	54620.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	60	1.35	1.45	2.8	0.7	0.267	0.517	0.8	1.1	1.775	2.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	59	6.3	6.3	9.2	3.6	1.691	1.3	4.6	5.5	7.2	8.1
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	59	7.89	7.876	8.38	7.44	0.039	0.199	7.6	7.77	7.98	8.11
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	59	7.89	7.832	8.38	7.44	0.041	0.203	7.6	7.77	7.98	8.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	59	0.013	0.015	0.036	0.004	0.	0.007	0.008	0.01	0.017	0.025
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	59	33.4	32.549	39.8	3.4	23.987	4.898	28.6	31.4	35.1	36.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	55	14.	17.582	185.	3.	568.84	23.85	7.	9.	21.	24.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/15/95	13	0.01	0.018	0.053	0.005	0.	0.016	0.005	0.01	0.026	0.052
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/15/95	45	1.1	1.141	2.	0.46	0.159	0.398	0.7	0.8	1.5	1.7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	55	0.01	0.014	0.07	0.001	0.	0.012	0.008	0.01	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/15/95	43	0.06	0.065	0.13	0.01	0.001	0.027	0.04	0.05	0.083	0.103
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	52	0.016	0.018	0.05	0.001	0.	0.012	0.01	0.01	0.02	0.04
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	55	10.	25.682	215.	2.5	1795.476	42.373	4.	5.	30.	63.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	55	1.	1.067	2.332	0.398	0.256	0.505	0.579	0.699	1.477	1.794
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.659								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	54	5.	12.13	170.	2.5	574.624	23.971	2.5	5.	10.	32.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/15/95	54	0.699	0.833	2.23	0.398	0.151	0.388	0.398	0.699	1.	1.511
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.808								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/15/95	53	10.	56.557	710.	2.5	18455.103	135.85	2.5	5.	22.5	223.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/15/95	53	1.	1.15	2.851	0.398	0.386	0.621	0.398	0.699	1.349	2.347
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			14.134								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	29	5.69	6.857	18.57	1.43	14.657	3.828	2.7	4.11	8.995	12.69
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	63	5.4	7.588	33.	1.1	30.465	5.52	2.288	4.	10.6	14.84
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	29	0.	0.067	0.38	0.	0.011	0.105	0.	0.	0.11	0.26
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	02/09/93-08/15/95	29	0.76	0.969	2.19	0.14	0.343	0.586	0.26	0.57	1.5	1.82
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/09/93-08/15/95	29	1.51	1.521	3.76	0.21	0.801	0.895	0.39	0.825	1.86	3.3
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-11/10/92	4	-1.63	-1.628	-0.89	-2.36	0.36	0.6	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	58	0	0.00	13	0	0.00	13	0	0.00	13	0	0.00	19	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	59	2	0.03	13	0	0.00	12	0	0.00	11	0	0.00	23	2	0.09
00400	PH	Other-Hi Lim.	9.	59	0	0.00	13	0	0.00	12	0	0.00	11	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	59	0	0.00	13	0	0.00	12	0	0.00	11	0	0.00	23	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	55	0	0.00	11	0	0.00	13	0	0.00	12	0	0.00	19	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	54	0	0.00	10	0	0.00	13	0	0.00	12	0	0.00	19	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	53	10	0.19	10	2	0.20	12	1	0.08	12	1	0.08	19	6	0.32

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

Annual Analysis for 1990 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	27.	25.427	31.2	16.2	27.388	5.233	16.2	22.6	29.8	30.96
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	26.2	25.545	33.	18.	28.801	5.367	18.	21.	32.	32.8
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	11	30.	45.909	100.	0.	1254.091	35.413	0.	25.	85.	97.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	11	7.	7.	15.	3.	10.8	3.286	3.	5.	8.	13.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	11	8.9	8.036	14.	2.8	15.957	3.995	2.82	4.	10.	14.
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	0.8	0.827	1.5	0.5	0.076	0.276	0.5	0.7	0.8	1.42
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	13.	12.455	16.	9.	5.273	2.296	9.	10.	14.	15.8
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	11	1.7	1.555	2.	0.8	0.201	0.448	0.8	1.2	1.9	2.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	11	6.6	6.627	8.2	5.3	1.17	1.082	5.32	5.7	7.8	8.14
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	11	7.9	7.809	8.1	7.5	0.051	0.226	7.5	7.6	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	11	7.9	7.756	8.1	7.5	0.054	0.232	7.5	7.6	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	11	0.013	0.018	0.032	0.008	0.	0.009	0.008	0.01	0.025	0.032
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	11	36.	36.291	39.8	34.	3.495	1.869	34.	34.9	37.8	39.54
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	11	23.	17.636	25.	3.	79.855	8.936	3.	8.	24.	24.8
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.012	0.02	0.01	0.	0.004	0.01	0.01	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	11	0.03	0.032	0.05	0.01	0.	0.015	0.01	0.02	0.05	0.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	9	5.	7.778	30.	5.	69.444	8.333	5.	5.	5.	30.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	9	0.699	0.785	1.477	0.699	0.067	0.259	0.699	0.699	0.699	1.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.101								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	11	10.	9.282	15.3	3.1	23.278	4.825	3.14	4.4	14.	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

Annual Analysis for 1991 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	25.3	24.069	31.4	17.	26.471	5.145	17.12	18.35	28.25	31.08
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	13	30.	26.754	35.	15.	55.704	7.464	15.4	18.15	32.5	35.
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	12	50.	55.833	95.	30.	531.061	23.045	30.	40.	75.	95.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	13	5.	8.077	15.	0.	23.077	4.804	2.	5.	12.5	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	13	6.4	6.362	11.	3.1	4.794	2.19	3.3	4.45	7.8	10.04
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	11	1.	1.073	1.6	0.7	0.066	0.257	0.7	1.	1.2	1.54
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	12	15.5	16.917	31.	6.	58.447	7.645	6.6	12.	22.5	29.8
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	13	1.3	1.331	2.3	0.7	0.221	0.47	0.74	0.9	1.6	2.18
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	6.3	7.023	9.2	5.7	1.674	1.294	5.7	6.05	8.25	9.16
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.86	7.868	8.2	7.59	0.049	0.222	7.598	7.665	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.86	7.82	8.2	7.59	0.052	0.228	7.598	7.665	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.014	0.015	0.026	0.006	0.	0.007	0.006	0.008	0.022	0.025
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	32.7	32.369	36.4	24.3	11.579	3.403	25.82	30.55	34.85	36.12
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	13	14.	13.846	24.	6.	24.308	4.93	6.8	10.	17.	22.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	13	0.01	0.012	0.04	0.01	0.	0.008	0.01	0.01	0.01	0.028
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	13	0.01	0.016	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	7.5	21.25	145.	5.	1591.477	39.893	5.	5.	13.75	112.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	0.849	1.006	2.161	0.699	0.202	0.449	0.699	0.699	1.132	1.976
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.146								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	13	6.6	7.877	20.6	2.	23.924	4.891	2.72	4.55	11.2	17.12

** - 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 1992 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	11	28.	26.145	31.	15.3	29.871	5.465	16.04	21.8	30.9	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	9	25.	24.511	29.8	13.2	25.901	5.089	13.2	22.65	28.5	29.8
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	10	45.	47.5	100.	0.	1595.833	39.948	0.	7.5	92.5	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 box-and-whisker plot

Annual Analysis for 1992 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	10	6.5	8.5	20.	3.	29.611	5.442	3.1	4.75	11.25	19.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	10	6.6	6.62	12.	2.	10.362	3.219	2.07	3.675	8.45	11.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	10	0.9	0.89	1.2	0.7	0.019	0.137	0.71	0.8	0.925	1.18
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	10	13.	14.5	35.	9.	56.056	7.487	9.1	10.	15.	33.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	10	1.2	1.35	2.6	0.8	0.285	0.534	0.81	0.975	1.65	2.52
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	11	6.4	6.627	8.5	5.5	0.822	0.907	5.54	6.	7.1	8.38
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	11	7.97	7.986	8.38	7.44	0.061	0.246	7.524	7.94	8.02	8.374
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	11	7.97	7.917	8.38	7.44	0.066	0.257	7.524	7.94	8.02	8.374
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	11	0.011	0.012	0.036	0.004	0.	0.009	0.004	0.01	0.011	0.032
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	11	32.9	29.582	34.	3.4	77.708	8.815	8.44	30.7	33.2	33.88
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	10	15.	31.6	185.	5.	2947.822	54.294	5.3	9.5	22.75	169.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	9	0.01	0.017	0.07	0.01	0.	0.02	0.01	0.01	0.01	0.07
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.01	0.014	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	10	12.5	35.5	215.	5.	4208.056	64.87	5.	5.	28.75	199.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	10	1.088	1.165	2.332	0.699	0.292	0.54	0.699	0.699	1.411	2.273
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.611								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	10	8.	10.78	33.	1.1	89.173	9.443	1.32	4.125	15.6	31.38

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

Annual Analysis for 1993 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	4	21.15	20.725	25.1	15.5	16.816	4.101	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	3	27.	26.	28.	23.	7.	2.646	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	4	3.	21.5	80.	0.	1525.667	39.06	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	4	8.5	8.5	12.	5.	16.333	4.041	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	4	4.95	4.55	5.5	2.8	1.47	1.212	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	4	1.15	1.1	1.2	0.9	0.02	0.141	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	4	12.	12.	14.	10.	2.667	1.633	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	4	1.55	1.45	1.8	0.9	0.19	0.436	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	4	6.8	6.85	8.1	5.7	1.07	1.034	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	4	7.99	7.965	8.11	7.77	0.023	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	4	7.986	7.945	8.11	7.77	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	4	0.01	0.011	0.017	0.008	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	4	30.25	31.15	35.1	29.	7.763	2.786	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	4	14.	13.	16.	8.	14.667	3.83	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	3	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	3 ##	0.001	0.003	0.007	0.001	0.	0.003	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	4 ##	3.75	10.	30.	2.5	179.167	13.385	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	4 ##	0.548	0.743	1.477	0.398	0.26	0.51	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.533								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	9	7.85	7.749	15.93	1.5	22.68	4.762	1.5	3.75	11.755	15.93

** - 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 CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	26.3	24.607	30.3	16.	20.175	4.492	16.8	19.975	27.5	29.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	14	25.75	25.007	30.5	16.	19.496	4.415	17.6	20.975	29.	29.75
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	12	92.5	61.	100.	1.	2022.727	44.975	1.	6.25	98.75	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	13	6.	6.077	12.	1.	10.577	3.252	1.4	3.5	8.5	11.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	12	5.95	5.358	8.5	2.	3.919	1.98	2.18	3.6	6.8	8.11
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	14	0.9	0.921	1.5	0.8	0.036	0.189	0.8	0.8	0.925	1.3

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

Annual Analysis for 1994 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	11	13.	15.909	30.	10.	36.491	6.041	10.2	12.	19.	28.6
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	14	1.35	1.55	2.8	0.8	0.517	0.719	0.85	1.05	1.9	2.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	13	4.9	5.292	7.4	4.	1.012	1.006	4.12	4.6	6.2	7.04
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.83	7.849	8.16	7.65	0.018	0.133	7.666	7.775	7.925	8.088
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	13	7.83	7.832	8.16	7.65	0.018	0.134	7.666	7.775	7.925	8.088
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	13	0.015	0.015	0.022	0.007	0.	0.004	0.008	0.012	0.017	0.022
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	13	33.3	32.485	35.2	27.	6.103	2.47	27.64	31.2	34.1	35.16
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	12	13.	12.917	25.	7.	24.992	4.999	7.3	8.25	15.75	22.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	11	0.01	0.018	0.07	0.001	0.	0.018	0.003	0.01	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	9	0.018	0.019	0.04	0.01	0.	0.008	0.01	0.015	0.02	0.04
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	12	22.5	32.708	125.	2.5	1115.294	33.396	3.25	11.25	43.75	104.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	12	1.349	1.315	2.097	0.398	0.219	0.468	0.488	1.044	1.64	1.99
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.672								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	12	5.355	5.205	8.83	1.52	5.002	2.237	1.664	3.155	6.603	8.503

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

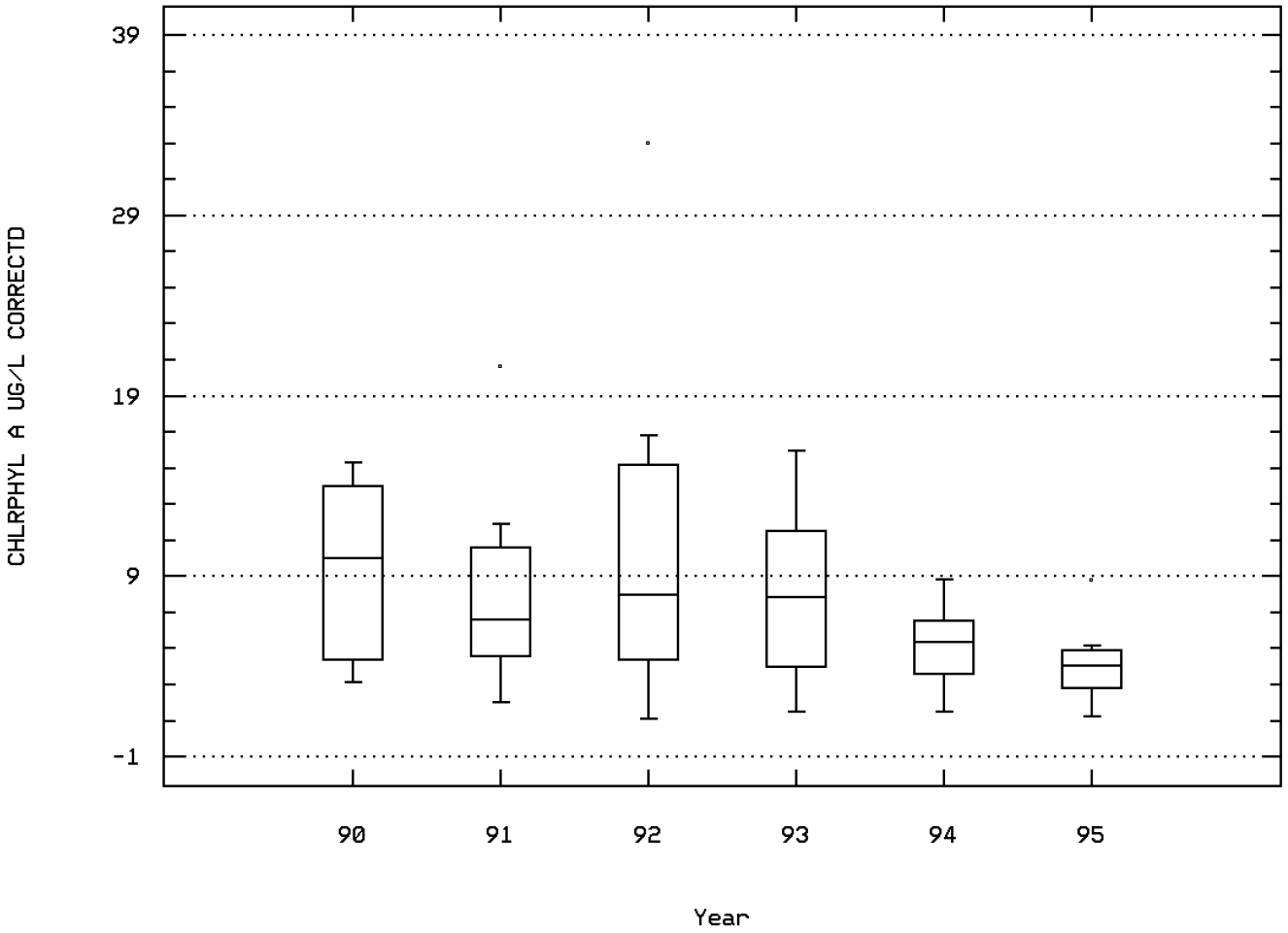
Annual Analysis for 1995 - Station CANA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/15/95	7	26.2	23.8	31.2	15.5	45.22	6.725	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/15/95	8	25.	23.813	30.	14.	23.71	4.869	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/15/95	8	50.	47.	100.	1.	1694.571	41.165	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/15/95	7	7.	7.429	14.	2.	17.952	4.237	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/15/95	8	4.2	4.45	7.3	2.6	2.66	1.631	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/15/95	8	1.1	1.225	1.6	1.	0.068	0.26	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/15/95	8	15.	14.75	23.	10.	18.214	4.268	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/15/95	8	1.5	1.45	1.9	1.	0.103	0.321	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/15/95	7	5.2	5.486	7.2	3.6	2.415	1.554	**	**	**	**
00400	PH (STANDARD UNITS)	04/17/90-08/15/95	7	7.83	7.819	7.95	7.69	0.009	0.093	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/15/95	7	7.83	7.81	7.95	7.69	0.009	0.093	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/15/95	7	0.015	0.015	0.02	0.011	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/15/95	7	33.9	32.586	35.3	24.6	14.091	3.754	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/15/95	5	11.	14.	26.	7.	55.5	7.45	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/15/95	8	0.015	0.014	0.02	0.001	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/15/95	7	0.013	0.012	0.016	0.003	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/15/95	8	10.	37.5	160.	2.5	3062.5	55.34	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/15/95	8	1.	1.14	2.204	0.398	0.453	0.673	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.796								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/15/95	8	4.065	4.195	8.76	1.25	4.993	2.235	**	**	**	**

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

Station: CANA0048 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON AT ICWW CM 69

Station Inventory for Station: CANA0049

NPS Station ID: CANA0049 | LAT/LON: 28.934170/ -80.866670 | Agency: 21FLA | Date Created: / /
Location: INDIAN RIVER NORTH AT ICW #67 | FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 27010464
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080202 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTH-EAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COAST | ECO Region:
RF1 Index: 03080202001 | RF1 Mile Point: 15.200 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 03080202000304.99 | RF3 Mile Point: 12.19 | Distance from RF3: 0.25 | On/Off RF3:
Description:
SEGMENT 27.1DA BODY OF WATER: RIVER, INDIAN INDIAN RIVER NORTH AT ICW #67 MIDCHANNEL
SOUTH OF EDGEWATER-VOLUSIA CO

Parameter Inventory for Station: CANA0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/74-10/29/74	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/29/74-10/29/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/29/74-10/29/74	1	50500.	50500.	50500.	50500.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/29/74-10/29/74	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/29/74-10/29/74	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/29/74-10/29/74	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/29/74-10/29/74	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/29/74-10/29/74	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/74-10/29/74	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/29/74-10/29/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/29/74-10/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/29/74-10/29/74	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/29/74-10/29/74	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/29/74-10/29/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/29/74-10/29/74	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/29/74-10/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/29/74-10/29/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/29/74-10/29/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 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

EPA Water Quality Criteria Analysis for Station: CANA0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANA0050

NPS Station ID: CANA0050
LAT/LON: 28.934726/ -80.866392
Agency: 21FLVEMD
Date Created: 02/13/93
Location: INDIAN RIVER LAGOON AT ICWW CM 67
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CHANNEL MARKER 67 NEAR HACIENDA DEL RIO MOBILE HOME PARK

Parameter Inventory for Station: CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/15/95	57	25.4	24.365	31.6	15.5	26.911	5.188	17.06	19.2	29.35	30.82
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/15/95	48	26.	25.488	34.	13.	31.702	5.63	16.4	21.225	30.	32.
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	56	30.	37.839	100.	0.	1313.265	36.239	0.	5.	70.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	55	8.	7.855	20.	2.	14.164	3.763	3.	5.	10.	13.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	57	5.9	6.314	18.	1.5	9.61	3.1	2.96	4.25	8.	9.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	55	0.9	0.96	1.8	0.5	0.075	0.274	0.7	0.8	1.1	1.24
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	56	12.5	14.232	33.	7.	34.109	5.84	8.	10.25	15.	24.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/15/95	55	50900.	50589.091	59500.	38100.	18432841.751	4293.349	44960.	48100.	52700.	56420.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	56	1.3	1.423	3.7	0.6	0.323	0.569	0.8	1.	1.8	2.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/15/95	57	6.5	6.554	10.5	3.9	1.926	1.388	4.64	5.65	7.2	8.56
00400	PH (STANDARD UNITS)	04/16/90-08/15/95	57	7.83	7.816	8.37	7.38	0.044	0.21	7.54	7.64	7.96	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/15/95	57	7.83	7.768	8.37	7.38	0.047	0.216	7.54	7.64	7.96	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/15/95	57	0.015	0.017	0.042	0.004	0.	0.008	0.008	0.011	0.023	0.029
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/15/95	57	33.8	33.358	39.9	24.2	9.898	3.146	29.22	31.65	35.05	38.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	53	13.	14.717	33.	3.	33.207	5.763	8.4	10.	19.	22.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/15/95	14	0.013	0.023	0.07	0.008	0.	0.019	0.009	0.01	0.033	0.062
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/15/95	46	0.905	1.073	1.9	0.54	0.146	0.383	0.6	0.785	1.4	1.63
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	53	0.01	0.013	0.07	0.001	0.	0.01	0.005	0.01	0.01	0.026
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/15/95	44	0.068	0.117	2.3	0.007	0.114	0.338	0.023	0.05	0.082	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	51	0.013	0.174	8.04	0.001	1.262	1.124	0.007	0.01	0.02	0.038
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	56	5.	21.518	150.	2.5	1207.654	34.751	5.	5.	15.	75.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	56	0.699	0.999	2.176	0.398	0.229	0.479	0.699	0.699	1.176	1.869
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.966								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/15/95	55	5.	26.409	800.	2.5	11763.14	108.458	2.5	2.5	10.	43.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/15/95	55	0.699	0.839	2.903	0.398	0.243	0.493	0.398	0.398	1.	1.577
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.9								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/15/95	54	7.5	47.176	660.	2.5	15401.898	124.104	2.5	5.	30.	85.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/15/95	54	0.849	1.061	2.82	0.398	0.382	0.618	0.398	0.699	1.477	1.929
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			11.513								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/15/95	31	6.48	7.318	16.77	1.39	14.885	3.858	3.322	4.68	9.58	13.806
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	62	5.6	7.504	36.37	1.02	33.552	5.792	2.43	3.728	10.51	14.617
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/15/95	29	0.01	0.06	0.37	0.	0.01	0.099	0.	0.	0.075	0.27
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/15/95	31	0.92	1.116	2.9	0.19	0.537	0.733	0.296	0.56	1.57	2.338
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/15/95	30	1.54	1.46	3.05	0.	0.639	0.8	0.498	0.788	2.148	2.521
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	07/13/92-01/11/93	5	-1.53	-1.588	-1.29	-1.98	0.098	0.313	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	57	0	0.00	10	0	0.00	16	0	0.00	14	0	0.00	17	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	57	1	0.02	10	0	0.00	15	0	0.00	11	0	0.00	21	1	0.05
00400	PH	Other-Hi Lim.	9.	57	0	0.00	10	0	0.00	15	0	0.00	11	0	0.00	21	0	0.00
		Other-Lo Lim.	6.5	57	0	0.00	10	0	0.00	15	0	0.00	11	0	0.00	21	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	56	0	0.00	10	0	0.00	16	0	0.00	13	0	0.00	17	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	55	1	0.02	9	0	0.00	16	0	0.00	13	0	0.00	17	1	0.06
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	54	11	0.20	9	2	0.22	15	2	0.13	13	2	0.15	17	5	0.29

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

Annual Analysis for 1990 - Station CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	10	12.5	21.9	90.	0.	669.656	25.878	0.7	7.	30.	84.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	10	10.	8.3	12.	3.	8.678	2.946	3.2	5.	10.	11.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	10	7.25	8.65	18.	3.3	23.785	4.877	3.43	5.275	11.275	17.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	10	0.9	0.98	1.8	0.5	0.14	0.374	0.51	0.75	1.2	1.74
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	10	12.	11.4	15.	8.	5.822	2.413	8.	8.75	13.25	14.9
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	10	2.	2.14	3.7	1.4	0.469	0.685	1.42	1.6	2.375	3.62
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	10	15.5	16.1	33.	3.	65.433	8.089	3.7	11.5	19.5	32.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	10	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.019
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	10	0.025	0.828	8.04	0.01	6.422	2.534	0.01	0.01	0.05	7.241
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	9	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	9	0.699	0.732	1.	0.699	0.01	0.1	0.699	0.699	0.699	1.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.4								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	10	8.8	9.88	19.9	2.4	30.502	5.523	2.54	5.675	14.475	19.47

** - 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

Annual Analysis for 1991 - Station CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	11	40.	37.727	100.	0.	1286.818	35.872	0.	0.	70.	98.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	11	7.	7.455	15.	2.	15.073	3.882	2.2	5.	10.	14.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	11	6.4	6.218	8.6	3.7	3.712	1.927	3.72	4.2	8.2	8.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	9	0.9	0.956	1.3	0.8	0.033	0.181	0.8	0.8	1.1	1.3
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	11	14.	18.	33.	7.	76.	8.718	7.2	11.	26.	31.8
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	11	1.2	1.318	1.9	0.8	0.17	0.412	0.82	0.9	1.8	1.88
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	11	13.	14.364	20.	9.	20.055	4.478	9.	10.	19.	20.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	11	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	11	0.01	0.015	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	11	5.	23.636	135.	5.	1560.455	39.503	5.	5.	25.	118.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	11	0.699	1.027	2.13	0.699	0.258	0.508	0.699	0.699	1.398	2.044
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.639								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	11	5.3	6.591	14.4	3.1	13.309	3.648	3.12	4.4	7.5	14.

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

Annual Analysis for 1992 - Station CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	9	40.	41.667	95.	0.	925.	30.414	0.	15.	65.	95.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	9	8.	8.778	20.	3.	30.444	5.518	3.	5.	12.5	20.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	9	6.9	6.856	12.	1.9	12.595	3.549	1.9	3.25	9.8	12.
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	9	0.9	0.967	1.8	0.7	0.125	0.354	0.7	0.7	1.1	1.8
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	9	12.	13.556	25.	8.	28.778	5.364	8.	9.	16.5	25.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	9	1.5	1.4	1.8	0.8	0.135	0.367	0.8	1.05	1.75	1.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	9	19.	15.778	23.	6.	43.194	6.572	6.	8.	20.5	23.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	9	0.01	0.012	0.03	0.01	0.	0.007	0.01	0.01	0.01	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	9	0.01	0.014	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	9	5.	21.111	100.	5.	979.861	31.303	5.	5.	27.5	100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	9	0.699	1.038	2.	0.699	0.228	0.478	0.699	0.699	1.423	2.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.909								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	9	9.8	8.844	17.4	1.6	34.89	5.907	1.6	3.15	14.4	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 box-and-whisker plot

Annual Analysis for 1993 - Station CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	7	40.	37.571	100.	0.	1621.286	40.265	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	7	5.	7.143	10.	5.	7.143	2.673	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	7	4.4	5.129	10.2	3.6	5.209	2.282	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	7	0.9	0.929	1.2	0.7	0.042	0.206	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	7	12.	11.857	13.	10.	0.81	0.9	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	6	0.9	1.067	1.5	0.7	0.119	0.344	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	7	13.	14.	27.	10.	35.333	5.944	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	5	0.004	0.008	0.02	0.003	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	5 ##	0.001	0.004	0.01	0.001	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	7	10.	21.071	100.	2.5	1228.869	35.055	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	7	1.	0.996	2.	0.398	0.262	0.512	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.908								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	12	5.25	8.983	36.37	2.1	88.887	9.428	2.28	3.425	11.593	29.107

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

Annual Analysis for 1994 - Station CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	11	30.	47.	100.	0.	1908.	43.681	0.4	5.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	11	8.	8.182	15.	3.	13.764	3.71	3.2	5.	10.	14.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	12	5.95	5.867	8.9	1.5	2.975	1.725	2.52	5.45	6.525	8.45
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	12	0.8	0.85	1.2	0.6	0.023	0.151	0.63	0.8	0.9	1.14
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	11	14.	15.455	28.	8.	38.673	6.219	8.4	10.	20.	27.2
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	12	1.1	1.183	2.1	0.6	0.192	0.439	0.66	0.85	1.3	2.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	11	14.	14.636	24.	10.	16.655	4.081	10.	12.	16.	23.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	11	0.01	0.018	0.07	0.001	0.	0.018	0.002	0.01	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	9	0.018	0.018	0.042	0.003	0.	0.012	0.003	0.008	0.024	0.042
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	12	10.	34.583	150.	5.	2511.174	50.112	5.	5.	52.5	141.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	12	1.	1.185	2.176	0.699	0.293	0.541	0.699	0.699	1.654	2.147
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.3								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	12	5.19	5.693	14.71	2.2	10.356	3.218	2.344	3.708	6.368	12.409

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

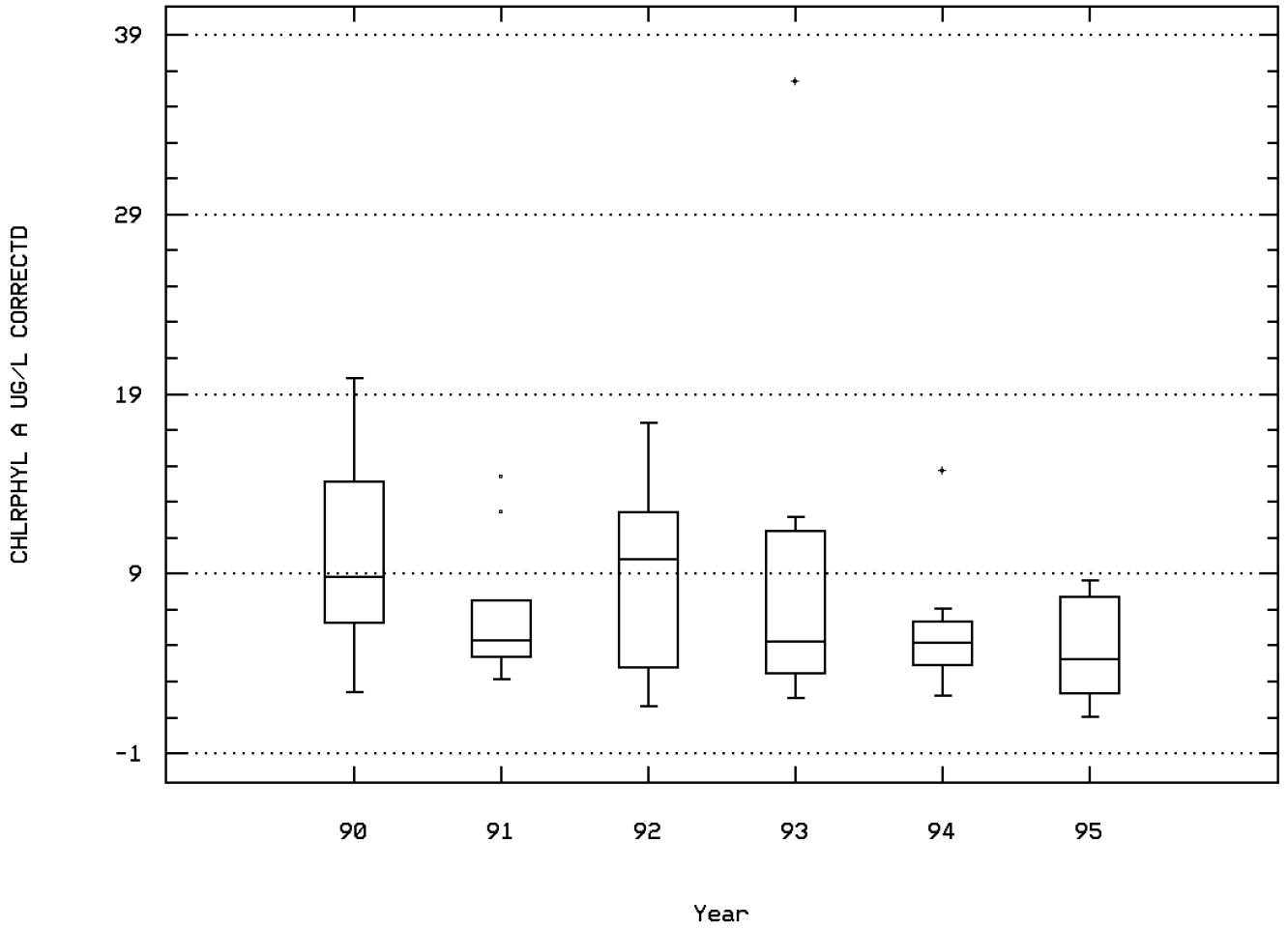
Annual Analysis for 1995 - Station CANA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/16/90-08/15/95	8	27.5	41.25	100.	1.	1919.643	43.814	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/15/95	7	6.	6.857	14.	2.	14.81	3.848	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/15/95	8	4.2	4.625	7.2	2.3	4.265	2.065	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/15/95	8	1.	1.125	1.6	0.8	0.094	0.306	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/15/95	8	13.	13.75	23.	9.	20.5	4.528	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/15/95	8	1.2	1.325	2.	0.8	0.182	0.427	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/15/95	5	11.	12.	22.	7.	35.5	5.958	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/15/95	7	0.01	0.016	0.03	0.001	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/15/95	7	0.014	0.014	0.018	0.007	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/15/95	8	7.5	17.813	60.	2.5	493.638	22.218	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/15/95	8	0.849	0.938	1.778	0.398	0.316	0.562	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.66								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/15/95	8	4.255	4.781	8.66	1.02	8.786	2.964	**	**	**	**

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

Station: CANA0050 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON AT ICWW CM 67

Station Inventory for Station: CANA0051

NPS Station ID: CANA0051
LAT/LON: 28.936948/ -80.867505
Agency: 21FLA
Date Created: 09/17/88
Location: INDIAN RIVER NEAR CM #67
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011704
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CM #67 NEAR HACIENDA DEL RIO MOBILE HOME PARK. VOLUSIA COUNTY STATION NUMBER 11

Parameter Inventory for Station: CANA0051

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: CANA0052

NPS Station ID: CANA0052
LAT/LON: 28.942642/ -80.869392
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 6
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN MOSQUITO LAGOON AT THE NORTHWEST END OF THE PARK BETWEEN TWO VOLUSIA COUNTY SAMPLING SITES (#10 AND #13). SURFACE WATER HAS BEEN SAMPLED ON 12 OCCASIONS SINCE JULY 1991 ON A BIMONTHLY SCHEDULE. SEDIMENT AND COLIFORM FROM SURFACE WATER SAMPLING BEGAN IN

Parameter Inventory for Station: CANA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	10	22.4	23.35	32.	15.	33.065	5.75	15.2	18.425	29.475	31.86
00032	CLOUD COVER (PERCENT)	11/20/91-06/16/93	9	60.	61.667	100.	20.	1150.	33.912	20.	27.5	95.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	11	20.	23.636	40.	10.	120.455	10.975	10.	15.	30.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	10	48300.	45940.	52500.	32000.	36367111.111	6030.515	32700.	44025.	49275.	52200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	47000.	48497.273	59500.	41800.	35144281.818	5928.261	42060.	43500.	52900.	59154.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	10	6.55	6.46	8.	3.9	1.205	1.098	4.09	6.1	7.225	7.93
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	11	2.	2.318	5.	0.5	2.014	1.419	0.6	2.	2.	5.
00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	11	651.	808.636	1890.	400.	214380.655	463.013	408.2	550.	860.	1808.
00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	11	8.3	8.382	8.8	8.1	0.072	0.268	8.1	8.2	8.7	8.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/23/91-06/16/93	11	8.3	8.317	8.8	8.1	0.076	0.276	8.1	8.2	8.7	8.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	11	0.005	0.005	0.008	0.002	0.	0.002	0.002	0.002	0.006	0.008
00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	8	7.95	8.	8.4	7.5	0.086	0.293	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/23/91-06/16/93	8	7.947	7.912	8.4	7.5	0.095	0.307	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	8	0.011	0.012	0.032	0.004	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	11	128.	129.182	147.	116.	97.964	9.898	116.6	121.	137.	146.2
00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	10	31.55	31.27	34.6	29.	2.765	1.663	29.06	29.9	32.25	34.38
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	11	51.	77.273	340.	28.	7812.818	88.39	30.2	40.	73.	287.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	11	0.71	0.733	2.	0.25	0.259	0.509	0.25	0.35	1.	1.806
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	8	100.625	160.104	590.02	21.6	36226.387	190.332	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.08	0.1	0.26	0.01	0.006	0.079	0.01	0.04	0.15	0.248
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	11	4.29	7.595	23.9	1.67	70.223	8.38	1.688	1.84	10.48	23.86
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	9	0.095	0.167	0.64	0.01	0.038	0.194	0.01	0.055	0.22	0.64
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11 ##	0.01	0.016	0.04	0.005	0.	0.011	0.005	0.01	0.02	0.038
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	11	2.13	2.597	5.64	0.085	4.533	2.129	0.1	0.76	5.51	5.614
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	11	0.69	0.759	1.25	0.01	0.137	0.37	0.104	0.6	1.19	1.25
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	11	246.	274.586	635.	6.46	53337.17	230.948	7.124	19.97	574.	624.2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	11	0.02	0.02	0.03	0.01	0.	0.008	0.01	0.015	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	11	0.08	0.083	0.17	0.04	0.001	0.038	0.04	0.06	0.1	0.16
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	11	70.4	93.564	336.	0.6	9958.925	99.794	4.04	18.3	151.2	299.8
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	11	1.	1.318	2.9	0.2	0.96	0.98	0.24	0.4	2.4	2.84

** - 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

Parameter Inventory for Station: CANA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	11	271.	277.182	424.	113.	6858.164	82.814	136.8	235.	346.	412.8
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	11	3703.7	6516.684	30077.2	1460.	67382871.771	8208.707	1701.672	2677.76	4756.	26301.76
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	11	1052.95	1114.545	1706.	510.	154355.322	392.881	528.6	817.	1475.58	1665.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	11	980.	921.727	1300.	231.	78571.618	280.306	335.8	831.	1080.	1284.
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	11	370.	390.636	507.	334.	2260.855	47.548	338.	361.	413.	490.
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	11	567.32	575.645	1140.	0.24	82090.129	286.514	72.992	386.28	723.72	1066.732
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	11	2910.	3444.364	7140.	2110.	2392770.055	1546.858	2152.	2347.	3415.	6840.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	11 ##	6.355	5.73	13.7	1.92	10.267	3.204	2.2	3.445	6.86	12.36
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	11 ##	0.25	0.305	0.8	0.1	0.052	0.228	0.1	0.1	0.5	0.74
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	11	0.19	0.26	1.01	0.03	0.07	0.264	0.04	0.11	0.28	0.872
01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	11	3040.	2784.545	3650.	300.	813967.273	902.201	734.	2490.	3200.	3630.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	11 ##	7.565	8.301	13.715	1.2	27.872	5.279	1.2	1.2	13.475	13.672
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	11	0.1	0.877	6.	0.05	3.233	1.798	0.05	0.05	0.8	5.2
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	0.05	0.073	0.24	0.005	0.004	0.066	0.01	0.04	0.07	0.222
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	8.16	8.405	22.5	1.33	35.375	5.948	1.428	3.51	11.85	20.43
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	11	8.	13.727	36.	2.	146.618	12.109	2.2	5.	20.	35.6
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	10 ##	15.	14.25	15.	7.5	5.625	2.372	8.25	15.	15.	15.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	11	4.	9.689	74.885	0.28	469.882	21.677	0.352	2.46	4.76	60.86
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	11 ##	1.5	3.227	7.5	1.5	6.368	2.524	1.5	1.5	5.	7.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	11	2.03	2.141	4.2	0.05	1.609	1.269	0.272	1.26	3.13	4.156
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	11	20.89	18.225	35.6	4.27	100.536	10.027	4.534	9.15	24.69	34.45
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	11 ##	100.	120.909	330.	100.	4809.091	69.348	100.	100.	100.	284.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	11 ##	15.13	18.126	27.435	8.	70.666	8.406	8.	8.	26.955	27.348
01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	11 ##	4.	62.682	580.	0.5	29578.314	171.983	0.5	0.5	30.	470.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	11	1.11	19.964	210.	0.	3973.102	63.033	0.015	0.125	2.09	168.44
01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	11	1.4	3.755	15.	0.4	31.281	5.593	0.42	0.6	2.2	15.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	11 ##	2.27	2.488	4.115	0.005	2.619	1.618	0.006	1.	4.045	4.112
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	11 ##	5.	10.182	27.	5.	66.364	8.146	5.	5.	20.	25.6
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	11 ##	100.	91.	100.	1.	891.	29.85	20.8	100.	100.	100.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	11 ##	15.13	18.022	27.5	7.45	74.999	8.66	7.45	7.45	26.955	27.487
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	9 ##	70.	75.747	137.175	28.	2042.047	45.189	28.	28.	127.8	137.175
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	11	320.	391.773	1000.	0.5	85177.868	291.852	30.	220.	630.	943.4
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	11	2475.	2870.841	5797.	559.	3424119.327	1850.438	574.6	1031.77	4070.08	5695.6
01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	11	1430.	1554.545	2960.	400.	894047.273	945.541	400.	400.	2570.	2918.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	7 ##	66.71	71.431	109.	55.	310.315	17.616	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	11	0.01	0.01	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.034
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	11	3018.87	2807.366	7138.	709.	3344025.345	1828.668	720.6	970.78	3444.73	6482.4
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	8	13.5	48.875	160.	5.5	4733.196	68.798	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/19/91-06/16/93	8	1.123	1.315	2.204	0.74	0.343	0.586	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.644								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	8 ##	5.	24.375	70.	5.	753.125	27.443	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	8 ##	0.699	1.092	1.845	0.699	0.297	0.545	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.366								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	11	8.	8.386	16.	0.75	26.035	5.102	1.	4.	13.4	15.74
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	11	97.	109.727	239.	44.	2650.218	51.48	50.6	82.	115.	223.2
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	8	0.013	0.024	0.09	0.	0.001	0.033	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	4 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	4 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	4 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	6	0.14	0.137	0.191	0.083	0.002	0.047	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	11	32900.	33067.273	38900.	28900.	7915781.818	2813.5	29180.	30700.	34000.	38440.
70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.8	7.7	8.1	7.2	0.072	0.268	7.24	7.5	7.9	8.08
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	11	7.8	7.622	8.1	7.2	0.079	0.281	7.24	7.5	7.9	8.08
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/91-06/16/93	11	0.016	0.024	0.063	0.008	0.	0.016	0.008	0.013	0.032	0.058
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	8 ##	0.025	0.026	0.03	0.015	0.	0.005	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	11	0.1	0.18	0.74	0.02	0.049	0.222	0.02	0.02	0.28	0.672
81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	11	0.98	1.11	1.87	0.534	0.202	0.45	0.562	0.76	1.309	1.865
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	11	0.073	0.061	0.079	0.027	0.	0.022	0.027	0.027	0.074	0.079
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	11	471.6	2462.673	11320.8	270.3	13549446.564	3680.957	274.94	328.	3341.9	10581.42
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	11	6.2	7.327	17.8	2.	25.438	5.044	2.08	3.9	9.3	17.3
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	10 ##	32.438	34.206	74.885	0.51	1220.071	34.93	0.539	0.845	67.007	74.187

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

EPA Water Quality Criteria Analysis for Station: CANA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	1	0.10	2	0	0.00	3	0	0.00	2	0	0.00	3	1	0.33
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Hi Lim.	9.	8	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
01002	ARSENIC, TOTAL	Marine Acute	69.	10	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01067	NICKEL, TOTAL	Marine Acute	75.	11	1	0.09	2	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
01077	SILVER, TOTAL	Marine Acute	0.12	9 &	9	1.00	2	2	1.00	2	2	1.00	1	1	1.00	4	4	1.00
01092	ZINC, TOTAL	Marine Acute	95.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: CANA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00

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

Station Inventory for Station: CANA0053

NPS Station ID: CANA0053
LAT/LON: 28.945559/ -80.838142
Agency: 11NPSWRD
Date Created: 11/25/95
Location: STATION 4
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): CANA_4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SITE IS LOCATED ON THE ARIEL FLORIDA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. IT IS LOCATED IN MOSQUITO LAGOON IN THE NORTHEAST SECTION OF THE PARK NEAR TURTLE MOUND AND THE ASSOCIATED DEVELOPED REGION OF THE BARRIER ISLAND. SURFACE WATER HAS BEEN SAMPLED ON 12 OCCASIONS SINCE JULY 1991 ON A BIMONTHLY SCHEDULE. SEDIMENT AND COLIFORM FROM SURFACE

Parameter Inventory for Station: CANA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-06/16/93	9	22.5	24.133	32.4	15.	34.025	5.833	15.	19.8	29.8	32.4
00032	CLOUD COVER (PERCENT)	11/20/91-06/16/93	8	35.	52.5	100.	20.	1221.429	34.949	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/91-06/16/93	11	30.	30.455	50.	10.	142.273	11.928	11.	20.	40.	48.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-06/16/93	9	49100.	46377.778	53100.	32100.	43941944.444	6628.872	32100.	42700.	50100.	53100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/91-06/16/93	11	46600.	47777.273	59300.	42300.	20840681.818	4565.16	42620.	46000.	48600.	57880.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/91-06/16/93	9	6.1	5.689	7.2	2.9	1.761	1.327	2.9	4.9	6.75	7.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/23/91-06/16/93	11	2.	2.5	7.	0.5	2.85	1.688	0.8	2.	2.	6.4
00340	COD, .25N K2CR2O7 MG/L	07/23/91-06/16/93	11	740.	1081.091	3510.	400.	766157.891	875.304	440.	626.	1330.	3128.
00403	PH, LAB, STANDARD UNITS SU	07/23/91-06/16/93	11	8.3	8.309	8.8	8.	0.091	0.302	8.	8.	8.6	8.8
00403	CONVERTED PH, LAB, STANDARD UNITS	07/23/91-06/16/93	11	8.3	8.229	8.8	8.	0.098	0.313	8.	8.	8.6	8.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	11	0.005	0.006	0.01	0.002	0.	0.003	0.002	0.003	0.01	0.01
00406	PH, FIELD, STANDARD UNITS SU	07/23/91-06/16/93	7	7.9	8.	8.3	7.8	0.04	0.2	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/23/91-06/16/93	7	7.9	7.963	8.3	7.8	0.042	0.204	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-06/16/93	7	0.013	0.011	0.016	0.005	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/91-06/16/93	11	128.	133.273	174.	117.	276.618	16.632	117.6	120.	144.	168.2
00480	SALINITY - PARTS PER THOUSAND	07/23/91-06/16/93	9	32.1	31.889	35.	30.	2.651	1.628	30.	30.3	32.85	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-06/16/93	11	52.	76.091	240.	36.	3536.691	59.47	37.2	47.	98.	214.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/23/91-06/16/93	10	1.23	1.232	2.71	0.35	0.657	0.811	0.35	0.35	1.655	2.669
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/19/91-11/16/92	7	43.82	169.823	683.96	11.41	58374.449	241.608	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.12	0.149	0.46	0.03	0.013	0.115	0.04	0.08	0.19	0.408
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/19/91-06/16/93	10	8.91	12.922	33.8	1.17	114.762	10.713	1.497	4.5	20.87	32.99
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.01	0.011	0.02	0.005	0.	0.006	0.005	0.005	0.02	0.02
00616	NITRITE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	02/03/92-06/16/93	8	0.15	0.169	0.36	0.03	0.011	0.107	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/91-06/16/93	11	0.01	0.034	0.17	0.005	0.002	0.048	0.005	0.01	0.05	0.146
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	09/19/91-06/16/93	10	2.065	2.946	7.5	0.185	7.252	2.693	0.205	0.755	5.52	7.467
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-06/16/93	11	0.85	0.822	1.6	0.01	0.229	0.479	0.078	0.54	1.15	1.584
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	09/19/91-06/16/93	10	815.975	741.812	1140.	20.55	173862.515	416.968	54.45	362.918	1121.25	1139.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/23/91-06/16/93	11	0.02	0.026	0.05	0.015	0.	0.011	0.015	0.015	0.03	0.048
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-06/16/93	11	0.08	0.108	0.25	0.06	0.004	0.063	0.062	0.07	0.11	0.242
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/19/91-06/16/93	10	21.25	56.78	237.	1.6	5258.646	72.517	2.2	9.625	86.35	223.9
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-06/16/93	11	1.	1.391	3.3	0.3	0.987	0.993	0.32	0.6	2.3	3.16

** - 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

Parameter Inventory for Station: CANA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/91-06/16/93	11	301.	292.273	447.	80.	10058.218	100.291	108.6	227.	379.	434.4
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/19/91-06/16/93	10	10574.	9926.988	17592.3	2863.21	29175755.058	5401.459	2927.82	4229.828	14443.25	17452.67
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/19/91-06/16/93	10	2926.13	2782.672	4380.	566.	964534.074	982.107	731.037	2447.918	3253.498	4285.499
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/91-06/16/93	11	944.	935.145	1370.	41.6	120825.433	347.6	192.08	843.	1170.	1348.
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/91-06/16/93	11	398.	415.818	680.	326.	10394.964	101.956	326.8	354.	416.	647.
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/19/91-06/16/93	10	1390.285	1498.275	3050.	671.6	416369.901	645.267	705.902	1067.405	1781.753	2929.701
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/91-06/16/93	11	2940.	2796.273	3610.	2120.	208932.018	457.091	2140.4	2360.	3100.	3521.4
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-06/16/93	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/19/91-06/16/93	10 ##	7.65	7.269	10.22	3.93	3.659	1.913	3.999	5.775	8.299	10.11
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/23/91-06/16/93	11	0.35	0.394	1.2	0.1	0.099	0.315	0.1	0.1	0.5	1.07
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/19/91-06/16/93	10	0.365	0.609	2.04	0.22	0.322	0.567	0.224	0.298	0.703	1.949
01022	BORON, TOTAL (UG/L AS B)	07/23/91-06/16/93	11	3090.	3062.727	4750.	260.	1210641.818	1100.292	748.	2760.	3660.	4554.
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	09/19/91-06/16/93	10 ##	16.025	17.779	37.2	1.2	140.301	11.845	1.2	11.265	26.625	36.912
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-06/16/93	11	0.3	0.827	3.	0.05	1.032	1.016	0.05	0.1	2.	2.8
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	10	0.075	0.076	0.17	0.005	0.004	0.067	0.005	0.005	0.138	0.169
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	10	13.93	54.395	251.	10.75	7579.037	87.058	10.751	12.44	60.05	244.124
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-06/16/93	11	12.	56.091	258.	7.	9599.291	97.976	7.	8.	21.	256.4
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-06/16/93	10 ##	15.	16.75	40.	7.5	72.292	8.502	8.25	15.	15.	37.5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/19/91-06/16/93	10	6.28	18.914	77.83	3.8	562.479	23.717	3.877	4.704	33.33	73.38
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-06/16/93	11 ##	1.5	3.273	7.5	1.5	5.618	2.37	1.5	1.5	4.	7.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/19/91-06/16/93	10	5.855	6.146	10.4	2.8	6.161	2.482	2.86	4.15	8.2	10.288
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/19/91-06/16/93	10	24.87	27.799	54.3	15.41	111.423	10.556	15.905	22.61	31.488	52.195
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-06/16/93	11 ##	10.	18.091	78.	10.	434.491	20.844	10.	10.	10.	68.6
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/23/91-06/16/93	11 ##	100.	120.909	330.	100.	4809.091	69.348	100.	100.	100.	284.
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/19/91-06/16/93	10 ##	23.87	21.278	32.105	8.	115.233	10.735	8.	8.	31.089	32.095
01067	NICKEL, TOTAL (UG/L AS NI)	07/23/91-06/16/93	11 ##	2.5	29.273	140.	0.5	2013.068	44.867	0.5	0.5	57.	127.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/19/91-06/16/93	10	1.415	2.925	8.86	0.1	11.721	3.424	0.106	0.543	6.28	8.836
01077	SILVER, TOTAL (UG/L AS AG)	07/23/91-06/16/93	11	1.	3.573	15.	0.6	32.132	5.669	0.6	0.7	2.2	15.
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	09/19/91-06/16/93	10 ##	3.58	3.511	10.13	0.01	8.886	2.981	0.017	0.95	4.766	9.599
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-06/16/93	11 ##	5.	21.545	118.	5.	1213.873	34.841	5.	5.	39.	102.4
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/23/91-06/16/93	11 ##	100.	100.	100.	100.	0.	0.	100.	100.	100.	100.
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/19/91-06/16/93	10 ##	23.87	21.113	32.105	7.45	120.172	10.962	7.45	7.45	31.089	32.095
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	02/03/92-06/16/93	8 ##	77.183	87.374	160.515	28.	3432.209	58.585	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/91-06/16/93	11	550.	739.091	2640.	140.	446704.891	668.36	179.6	396.	790.	2295.8
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/19/91-06/16/93	10	7437.17	7543.361	16900.	3314.	15205622.407	3899.439	3416.6	4552.093	8495.33	16239.71
01142	SILICON, TOTAL (UG/L AS SI)	07/23/91-06/16/93	11	2330.	4792.727	26600.	400.	55500741.818	7449.882	528.	1410.	4480.	22636.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	09/19/91-09/22/92	7 ##	76.19	108.591	305.	72.37	7506.431	86.64	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	09/19/91-06/16/93	10	0.02	0.025	0.07	0.01	0.	0.017	0.01	0.018	0.03	0.066
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/19/91-06/16/93	10	5922.14	6554.824	10200.	4365.97	3182331.915	1783.909	4437.773	5328.02	7771.25	10027.4
30330	ZINC, SEDIMENT, SUSPENDED, PERCENT	09/19/91-11/16/92	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/19/91-06/16/93	8	43.5	92.75	230.	2.	9583.643	97.896	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/19/91-06/16/93	8	1.632	1.61	2.362	0.301	0.515	0.718	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.695								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	8 ##	5.	18.125	50.	5.	413.839	20.343	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/91-06/16/93	8 ##	0.699	1.024	1.699	0.699	0.217	0.465	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.574								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-06/16/93	11	10.7	7.109	12.4	1.	24.959	4.996	1.2	2.	12.	12.32
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/23/91-06/16/93	11	104.	98.364	160.	59.	943.655	30.719	60.4	67.	119.	152.8
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	09/19/91-11/16/92	7	0.13	0.763	4.77	0.	3.133	1.77	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/19/91-11/16/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/19/91-11/16/92	3 ##	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/19/91-11/16/92	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/19/91-11/16/92	3 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/19/91-11/16/92	3 ##	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/19/91-11/16/92	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/19/91-11/16/92	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/19/91-11/16/92	3 ##	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39523	POLYBROMINATED BIPHENYLS, FISH, WET WT. (MG/KG)	09/19/91-11/16/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	09/19/91-11/16/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	07/23/91-06/16/93	5	0.136	0.135	0.19	0.084	0.002	0.05	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-06/16/93	11	32900.	33801.818	40500.	31200.	9113636.364	3018.88	31204.	31400.	36400.	39820.
70310	PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	10	7.85	7.8	8.6	7.1	0.273	0.523	7.11	7.275	8.225	8.57
70310	CONVERTED PH, STANDARD UNITS, BOTTOM MUDS	09/19/91-06/16/93	10	7.782	7.554	8.6	7.1	0.34	0.583	7.11	7.275	8.225	8.57
70310	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/91-06/16/93	10	0.017	0.028	0.079	0.003	0.001	0.028	0.003	0.006	0.053	0.078
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-06/16/93	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/19/91-11/16/92	7 ##	0.03	1.234	8.3	0.02	9.712	3.116	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/91-06/16/93	11	0.25	1.298	10.4	0.02	9.241	3.04	0.02	0.06	0.8	8.544
81612	SULFATES IN SEDIMENT SAMPLE MG/G	09/19/91-06/16/93	10	1.286	1.329	2.15	0.09	0.429	0.655	0.14	0.902	1.92	2.128
81616	SOLIDS,TOTAL IN SEDIMENT SAMPLE MG/KG	09/19/91-06/16/93	10	0.063	0.055	0.068	0.033	0.	0.014	0.033	0.038	0.065	0.068
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	09/19/91-06/16/93	10	1424.05	4159.87	15059.3	189.	28302764.825	5320.034	208.78	732.1	9724.775	14548.55
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/23/91-06/16/93	11	8.3	9.273	22.6	3.	31.832	5.642	3.04	4.5	12.2	20.68
82431	PHOSPHORUS,ORTHOPHOSPHATETOTAL IN DRY DEP MG/KGPO4	09/19/91-06/16/93	10 ##	38.47	39.212	79.455	0.78	1526.51	39.071	0.874	1.81	76.6	79.293

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

EPA Water Quality Criteria Analysis for Station: CANA0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	9	1	0.11	1	0	0.00	3	0	0.00	2	0	0.00	3	1	0.33
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Hi Lim.	9.	7	0	0.00				2	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00				2	0	0.00	2	0	0.00	3	0	0.00
01002	ARSENIC, TOTAL	Marine Acute	69.	10	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	1 &	1	1.00							1	1	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01067	NICKEL, TOTAL	Marine Acute	75.	11	2	0.18	2	0	0.00	2	0	0.00	2	2	1.00	5	0	0.00
01077	SILVER, TOTAL	Marine Acute	0.12	9 &	9	1.00	2	2	1.00	2	2	1.00	1	1	1.00	4	4	1.00
01092	ZINC, TOTAL	Marine Acute	95.	11	1	0.09	2	0	0.00	2	0	0.00	2	1	0.50	5	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	3	0	0.00	1	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: CANA0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00

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

Station Inventory for Station: CANA0054

NPS Station ID: CANA0054 LAT/LON: 28.946115/ -80.855560 Agency: 21FLVEMD Date Created: 02/13/93
Location: INDIAN RIVER LAGOON BY SHIPYARD CHANNEL FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ML12
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080202 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
INDIAN RIVER LAGOON AT THE CONFLUENCE OF SHIPYARD CHANNEL AND CEDAR CREEK

Parameter Inventory for Station: CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	62	25.	24.352	32.5	15.2	28.279	5.318	17.6	18.35	29.45	30.74
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	64	26.25	25.277	35.	13.2	33.165	5.759	15.85	21.	29.65	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	63	50.	46.079	100.	0.	1228.977	35.057	0.4	10.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	66	7.	7.462	20.	0.	15.095	3.885	3.	5.	10.	12.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	62	6.15	6.608	15.	1.3	10.538	3.246	3.1	3.9	9.	12.
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	65	0.9	1.017	2.2	0.3	0.15	0.388	0.7	0.8	1.1	1.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	62	13.	14.823	32.	7.	31.263	5.591	9.3	12.	16.25	22.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	58	50850.	49789.655	59700.	38700.	23678136.721	4866.019	42270.	47550.	52500.	54780.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	65	1.3	1.448	2.7	0.5	0.322	0.567	0.9	1.	1.7	2.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	61	6.3	6.189	9.3	3.9	1.502	1.226	4.62	5.2	7.1	7.76
00400	PH (STANDARD UNITS)	04/17/90-08/16/95	61	7.81	7.81	8.34	7.37	0.042	0.205	7.514	7.7	7.92	8.058
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	61	7.81	7.763	8.34	7.37	0.044	0.21	7.514	7.7	7.92	8.058
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	61	0.015	0.017	0.043	0.005	0.	0.008	0.009	0.012	0.02	0.031
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	61	33.5	32.734	39.9	24.6	12.068	3.474	27.44	31.35	34.75	36.26
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	55	15.	17.091	88.	2.	140.529	11.854	8.	10.	20.	28.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/16/95	18	0.016	0.033	0.15	0.005	0.001	0.038	0.009	0.01	0.041	0.104
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/16/95	49	1.	1.14	2.	0.55	0.168	0.41	0.64	0.81	1.415	1.7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	56	0.01	0.014	0.08	0.001	0.	0.012	0.01	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/16/95	48	0.075	0.073	0.168	0.008	0.001	0.032	0.029	0.06	0.09	0.112
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	56	0.02	0.02	0.07	0.001	0.	0.015	0.01	0.01	0.021	0.041
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	60	5.	16.625	105.	2.5	471.573	21.716	5.	5.	20.	44.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	60	0.699	0.982	2.021	0.398	0.181	0.426	0.699	0.699	1.301	1.648
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.604								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	59	5.	10.	55.	2.5	126.078	11.228	2.5	5.	10.	25.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	59	0.699	0.827	1.74	0.398	0.131	0.362	0.398	0.699	1.	1.398
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.717								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	58	10.	45.474	400.	2.5	8914.574	94.417	2.5	5.	30.	156.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	58	1.	1.116	2.602	0.398	0.391	0.625	0.398	0.699	1.477	2.179
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.058								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	34	4.925	7.294	21.54	1.01	29.897	5.468	1.555	2.553	11.258	15.315
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	66	6.65	7.315	20.13	0.74	28.153	5.306	1.482	2.86	12.38	14.93
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	32	0.	0.056	0.38	0.	0.008	0.091	0.	0.	0.095	0.181
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	33	0.67	1.05	3.13	0.	0.762	0.873	0.088	0.25	1.875	2.174
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/16/95	32	1.04	1.313	4.46	0.	1.246	1.116	0.213	0.525	1.778	3.26
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-01/12/93	4	-1.795	-1.658	-1.05	-1.99	0.186	0.432	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	62	0	0.00	11	0	0.00	16	0	0.00	13	0	0.00	22	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	3	0.05	13	0	0.00	16	0	0.00	10	0	0.00	22	3	0.14
00400	PH	Other-Hi Lim.	9.	61	0	0.00	13	0	0.00	16	0	0.00	10	0	0.00	22	0	0.00
		Other-Lo Lim.	6.5	61	0	0.00	13	0	0.00	16	0	0.00	10	0	0.00	22	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	60	0	0.00	10	0	0.00	16	0	0.00	13	0	0.00	21	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	59	0	0.00	9	0	0.00	16	0	0.00	13	0	0.00	21	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	58	13	0.22	10	4	0.40	15	1	0.07	13	0	0.00	20	8	0.40

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

Annual Analysis for 1990 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	10	27.85	26.66	31.4	15.5	23.04	4.8	16.27	24.175	30.1	31.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	10	26.75	26.68	32.	18.	26.457	5.144	18.3	22.35	32.	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	10	60.	55.5	100.	0.	1274.722	35.703	2.5	25.	92.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	10	5.	6.5	15.	3.	12.5	3.536	3.	4.5	8.	14.3
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	10	10.75	9.44	15.	3.1	14.518	3.81	3.29	5.975	12.	14.7
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	10	0.75	0.76	1.1	0.6	0.029	0.171	0.6	0.6	0.9	1.08
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	10	13.	12.3	16.	8.	4.456	2.111	8.2	11.5	13.	15.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	7	55500.	55785.714	59700.	52100.	8954761.905	2992.451	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	10	1.2	1.24	1.7	1.	0.06	0.246	1.	1.	1.375	1.69
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	10	6.	6.02	7.4	4.7	1.131	1.063	4.71	4.95	7.175	7.4
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	10	7.85	7.72	7.9	7.4	0.048	0.22	7.4	7.475	7.9	7.9
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	10	7.847	7.667	7.9	7.4	0.052	0.227	7.4	7.475	7.9	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	10	0.014	0.022	0.04	0.013	0.	0.012	0.013	0.013	0.034	0.04
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	10	35.45	36.22	39.9	33.	5.346	2.312	33.13	34.6	38.8	39.82
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	10	19.	18.2	32.	2.	79.956	8.942	2.6	12.5	24.25	31.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	10	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.019
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	10	0.04	0.039	0.07	0.01	0.001	0.023	0.01	0.018	0.063	0.07
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	9	5.	9.444	40.	5.	134.028	11.577	5.	5.	7.5	40.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	9	0.699	0.833	1.602	0.699	0.093	0.305	0.699	0.699	0.849	1.602
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.804								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	8	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	8	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	8	10.	65.	400.	10.	18457.143	135.857	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	8	1.	1.335	2.602	1.	0.323	0.568	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			21.635								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	10	13.4	10.49	17.6	1.2	38.905	6.237	1.42	4.15	15.45	17.52

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

Annual Analysis for 1991 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	12	25.75	24.192	32.5	16.9	30.641	5.535	17.11	18.025	28.85	31.81
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	12	28.5	26.392	35.	14.5	61.159	7.82	14.86	17.	32.75	35.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	11	60.	58.182	100.	20.	791.364	28.131	22.	30.	95.	99.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	12	5.	6.333	15.	0.	15.152	3.892	0.9	5.	9.5	13.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	12	6.7	6.833	11.	3.5	6.126	2.475	3.62	4.6	8.175	11.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	11	0.9	0.927	1.1	0.7	0.018	0.135	0.7	0.9	1.	1.1
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	12	16.5	18.667	32.	9.	65.697	8.105	9.3	11.75	25.75	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	12	50200.	50033.333	55500.	39200.	20080606.061	4481.139	41330.	47175.	53500.	55230.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	12	1.1	1.1	1.6	0.7	0.055	0.234	0.76	0.925	1.275	1.51
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	12	6.5	6.742	9.3	5.1	1.719	1.311	5.13	5.825	7.875	9.06
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	12	7.725	7.785	8.3	7.37	0.083	0.288	7.409	7.6	8.05	8.27
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	12	7.724	7.708	8.3	7.37	0.09	0.299	7.409	7.6	8.05	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	12	0.019	0.02	0.043	0.005	0.	0.011	0.005	0.009	0.025	0.039
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	12	32.85	32.792	36.9	25.	10.632	3.261	26.5	30.725	35.375	36.66
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	12	16.	15.583	28.	6.	42.447	6.515	6.9	10.	17.	27.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	12	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.024
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	11	0.01	0.015	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.028
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	12	5.	16.25	95.	5.	664.205	25.772	5.	5.	18.75	74.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	12	0.699	0.954	1.978	0.699	0.176	0.419	0.699	0.699	1.27	1.804
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.989								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	12	5.	7.083	20.	5.	20.265	4.502	5.	5.	8.75	17.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	12	0.699	0.799	1.301	0.699	0.038	0.196	0.699	0.699	0.925	1.211
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.3								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	11	5.	45.455	360.	5.	11027.273	105.011	5.	5.	25.	296.

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

Annual Analysis for 1991 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	11	0.699	1.132	2.556	0.699	0.354	0.595	0.699	0.699	1.398	2.365
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.544								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	12	6.65	6.667	14.9	1.1	21.012	4.584	1.34	2.5	10.75	14.36

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

Annual Analysis for 1992 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	9	26.7	25.389	31.4	15.2	31.371	5.601	15.2	20.7	30.6	31.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	10	24.	23.93	29.7	13.2	25.547	5.054	13.83	21.15	27.975	29.67
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	10	55.	51.	100.	0.	1293.333	35.963	0.	15.	86.25	99.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	10	5.	7.2	20.	3.	25.733	5.073	3.1	4.75	10.	19.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	10	7.15	7.79	13.	2.6	14.263	3.777	2.69	3.8	12.	12.9
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	10	0.9	0.92	1.4	0.7	0.051	0.225	0.7	0.7	1.1	1.37
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	10	12.5	13.4	25.	8.	23.156	4.812	8.2	10.	16.	24.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	9	50900.	50477.778	52200.	45200.	5496944.444	2344.556	45200.	49500.	52100.	52200.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	10	1.2	1.22	1.5	0.7	0.071	0.266	0.73	1.075	1.5	1.5
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	9	6.5	6.744	8.6	5.4	1.6	1.265	5.4	5.55	8.05	8.6
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	9	7.92	7.932	8.34	7.48	0.06	0.245	7.48	7.825	8.075	8.34
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	9	7.92	7.87	8.34	7.48	0.065	0.254	7.48	7.825	8.075	8.34
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	9	0.012	0.014	0.033	0.005	0.	0.008	0.005	0.009	0.015	0.033
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	9	33.6	33.078	34.3	29.3	2.744	1.657	29.3	32.4	34.25	34.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	10	19.5	24.9	88.	8.	542.767	23.297	8.	11.	28.	82.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	9	0.01	0.016	0.06	0.01	0.	0.017	0.01	0.01	0.01	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	9	0.02	0.016	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	10	7.5	14.5	45.	5.	185.833	13.632	5.	5.	22.5	43.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	10	0.849	1.01	1.653	0.699	0.136	0.369	0.699	0.699	1.345	1.636
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.238								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	10	7.5	13.	40.	5.	151.111	12.293	5.	5.	18.75	39.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	10	0.849	0.975	1.602	0.699	0.119	0.344	0.699	0.699	1.251	1.59
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.441								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	9	15.	65.	325.	5.	11318.75	106.39	5.	5.	90.	325.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	9	1.176	1.361	2.512	0.699	0.427	0.653	0.699	0.699	1.874	2.512
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			22.986								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	10	6.25	8.26	14.9	1.3	29.954	5.473	1.47	3.9	14.125	14.86

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

Annual Analysis for 1993 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	5	22.5	21.22	25.5	16.	13.017	3.608	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	4	28.	27.75	28.	27.	0.25	0.5	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	7	1.	20.857	80.	0.	1163.476	34.11	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	7	5.	6.571	12.	0.	17.952	4.237	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	6	4.25	4.3	6.4	3.1	1.336	1.156	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	6	1.1	1.133	1.4	0.9	0.035	0.186	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	6	13.	12.833	14.	12.	0.567	0.753	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	5	48600.	48220.	53200.	44900.	10637000.	3261.441	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	5	1.3	1.3	1.5	1.	0.035	0.187	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	5	6.6	6.78	7.4	6.3	0.207	0.455	**	**	**	**
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	5	7.79	7.852	8.07	7.76	0.016	0.128	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	5	7.79	7.839	8.07	7.76	0.016	0.128	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	5	0.016	0.015	0.017	0.009	0.	0.004	**	**	**	**

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

Annual Analysis for 1993 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	5	31.8	31.54	35.2	29.1	5.733	2.394	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	6	11.	11.667	16.	6.	12.667	3.559	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	5	0.006	0.008	0.02	0.001	0.	0.007	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	5 ##	0.001	0.006	0.02	0.001	0.	0.008	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	6	10.	18.333	55.	5.	376.667	19.408	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	6	1.	1.089	1.74	0.699	0.168	0.41	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.285								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	6 ##	3.75	12.917	55.	2.5	433.542	20.822	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	6 ##	0.548	0.772	1.74	0.398	0.283	0.532	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.918								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	6	7.5	10.	30.	2.5	107.5	10.368	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	6	0.849	0.829	1.477	0.398	0.173	0.416	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.74								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	11	4.9	8.125	20.13	1.8	43.349	6.584	1.94	2.9	15.24	19.466

** - Less than 9 observations ## - Computed with 50% or 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 CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	16	24.6	24.456	30.8	17.6	21.839	4.673	17.67	19.35	28.45	30.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	16	26.	26.338	32.	20.1	16.147	4.018	20.1	23.625	29.5	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	14	37.5	45.857	100.	10.	1309.516	36.187	10.	10.	83.	97.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	16	8.	7.656	12.	2.	8.957	2.993	2.7	6.125	9.	12.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	13	6.1	5.846	9.6	1.8	5.409	2.326	1.84	4.5	7.15	9.36
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	16	1.	1.069	2.1	0.7	0.177	0.421	0.77	0.8	1.	2.1
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	14	14.5	14.929	32.	7.	41.148	6.415	7.	11.25	17.25	26.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	15	49100.	48320.	53500.	39300.	19653142.857	4433.187	41280.	43300.	52200.	53020.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	16	2.1	1.906	2.7	0.7	0.39	0.624	0.91	1.4	2.475	2.56
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	15	5.3	5.56	7.6	4.4	0.937	0.968	4.46	4.7	6.6	7.12
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	15	7.82	7.833	7.99	7.64	0.014	0.117	7.646	7.75	7.93	7.984
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	15	7.82	7.818	7.99	7.64	0.014	0.118	7.646	7.75	7.93	7.984
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	15	0.015	0.015	0.023	0.01	0.	0.004	0.01	0.012	0.018	0.023
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	15	32.1	31.62	35.4	25.1	10.445	3.232	26.48	28.	34.5	35.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	11	14.	15.636	26.	7.	35.055	5.921	7.2	10.	20.	25.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	13	0.02	0.021	0.08	0.001	0.	0.019	0.004	0.01	0.02	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	11	0.021	0.023	0.043	0.012	0.	0.008	0.013	0.017	0.024	0.04
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	13	5.	25.385	105.	2.5	1117.548	33.43	2.5	5.	45.	93.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	13	0.699	1.057	2.021	0.398	0.322	0.568	0.398	0.699	1.628	1.963
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.407								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	13	5.	11.346	45.	2.5	215.224	14.671	2.5	2.5	15.	43.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	13	0.699	0.796	1.653	0.398	0.209	0.457	0.398	0.398	1.151	1.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.245								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	14	10.	61.607	305.	2.5	11253.468	106.082	2.5	2.5	71.25	302.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	14	1.	1.166	2.484	0.398	0.61	0.781	0.398	0.398	1.839	2.481
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			14.657								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	13	7.05	6.188	12.35	0.74	16.953	4.117	1.096	1.88	9.565	12.146

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

Annual Analysis for 1995 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	10	18.15	22.7	31.1	15.4	45.58	6.751	15.64	17.8	30.35	31.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	12	22.	21.875	30.	14.	42.869	6.547	14.	14.5	28.75	30.

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

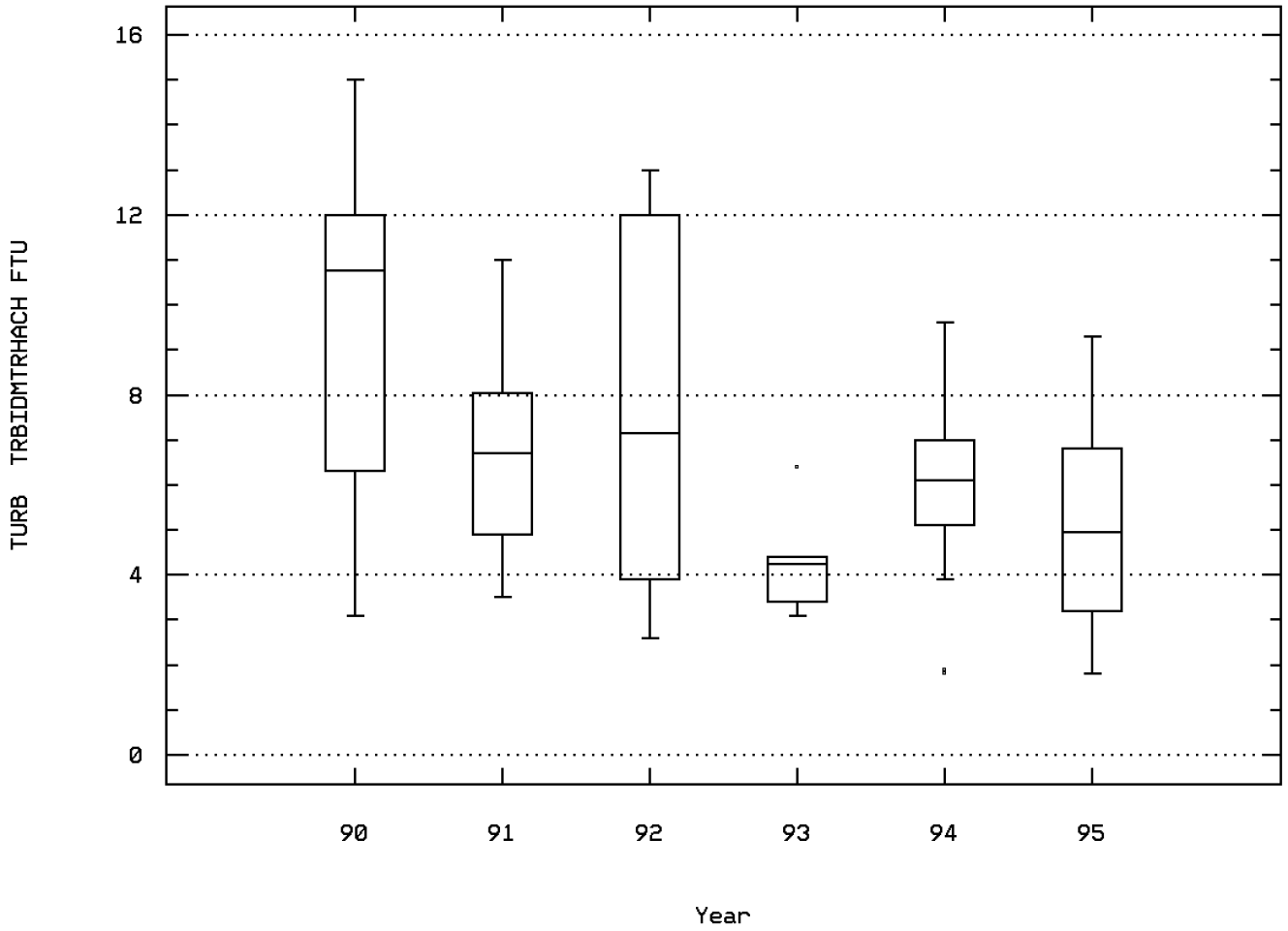
Annual Analysis for 1995 - Station CANA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	11	20.	37.273	100.	5.	1311.818	36.219	5.	5.	50.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	11	10.	10.091	15.	5.	12.091	3.477	5.4	8.	15.	15.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	10	4.95	5.23	9.3	1.8	7.042	2.654	1.89	3.075	7.4	9.29
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	12	1.1	1.267	2.2	0.3	0.381	0.617	0.45	0.85	1.975	2.2
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	10	15.	15.2	23.	11.	12.4	3.521	11.	12.5	17.	22.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	10	49450.	47670.	54700.	38700.	40786777.778	6386.453	38710.	38875.	52550.	54530.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	12	1.45	1.608	2.7	0.5	0.603	0.776	0.59	1.	2.5	2.7
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	10	6.55	5.84	7.4	3.9	2.074	1.44	3.91	4.	6.95	7.4
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	10	7.735	7.765	8.01	7.57	0.018	0.135	7.571	7.693	7.88	7.997
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	10	7.735	7.747	8.01	7.57	0.019	0.136	7.571	7.692	7.88	7.997
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	10	0.018	0.018	0.027	0.01	0.	0.005	0.01	0.013	0.021	0.027
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	10	32.4	31.14	36.3	24.6	21.572	4.645	24.61	24.775	34.7	36.17
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	6	12.	13.333	24.	8.	33.867	5.82	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	7	0.01	0.014	0.02	0.01	0.	0.005	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	10	0.015	0.016	0.028	0.01	0.	0.005	0.01	0.013	0.019	0.027
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	10	15.	13.25	30.	2.5	93.125	9.65	2.5	2.5	20.	29.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	10	1.176	0.963	1.477	0.398	0.192	0.438	0.398	0.398	1.301	1.46
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.173								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	10 ##	2.5	7.	25.	2.5	69.167	8.317	2.5	2.5	8.75	24.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	10 ##	0.398	0.648	1.398	0.398	0.152	0.39	0.398	0.398	0.849	1.388
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.451								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	10	5.	11.	45.	2.5	190.556	13.804	2.5	2.5	13.75	43.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	10	0.699	0.804	1.653	0.398	0.204	0.451	0.398	0.398	1.099	1.628
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.369								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	10	3.28	4.548	12.47	0.83	14.118	3.757	0.869	1.475	7.055	11.945

** - Less than 9 observations ## - Computed 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: CANA0054 Parameter Code: 00076

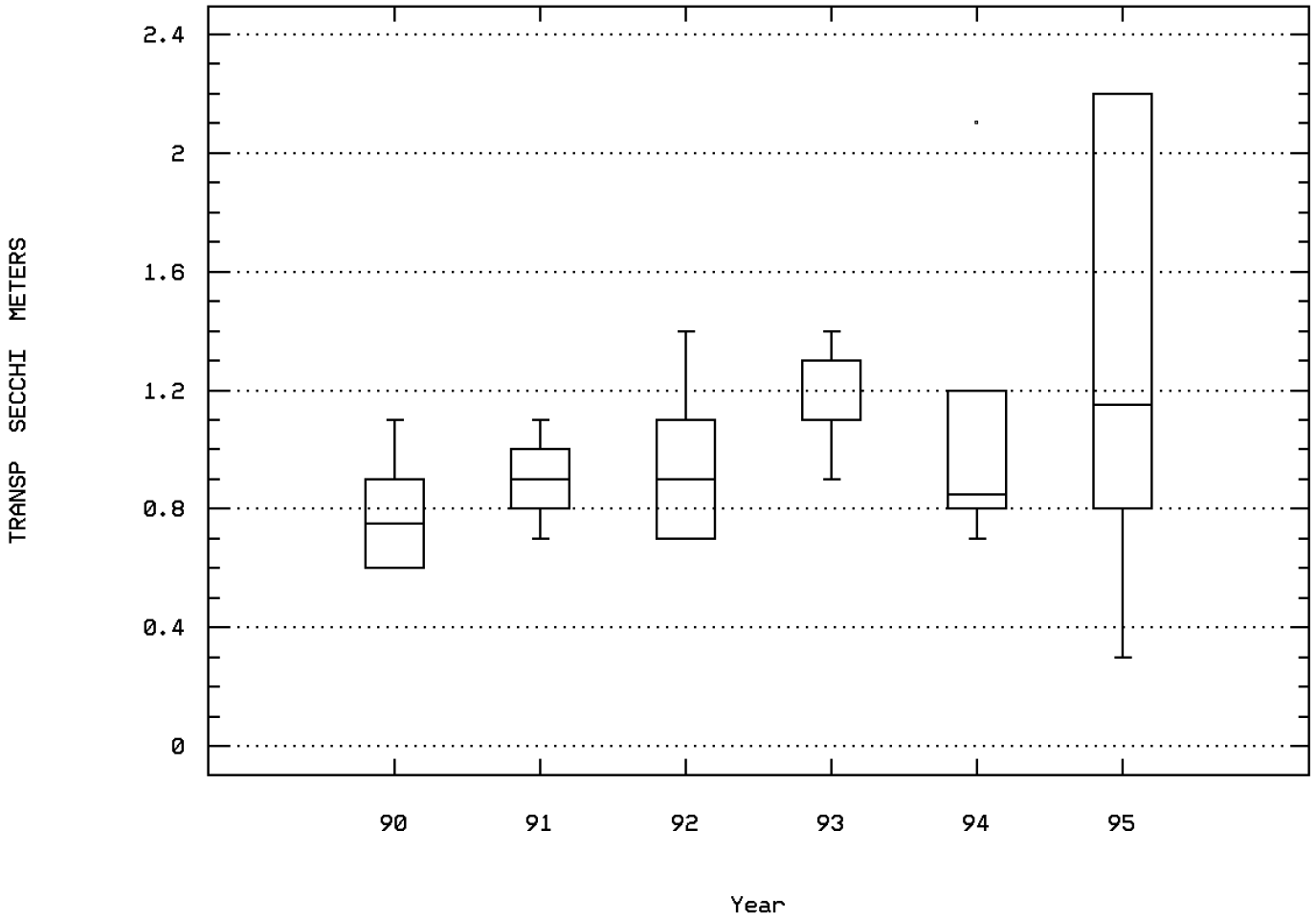
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station: CANA0054 Parameter Code: 00078

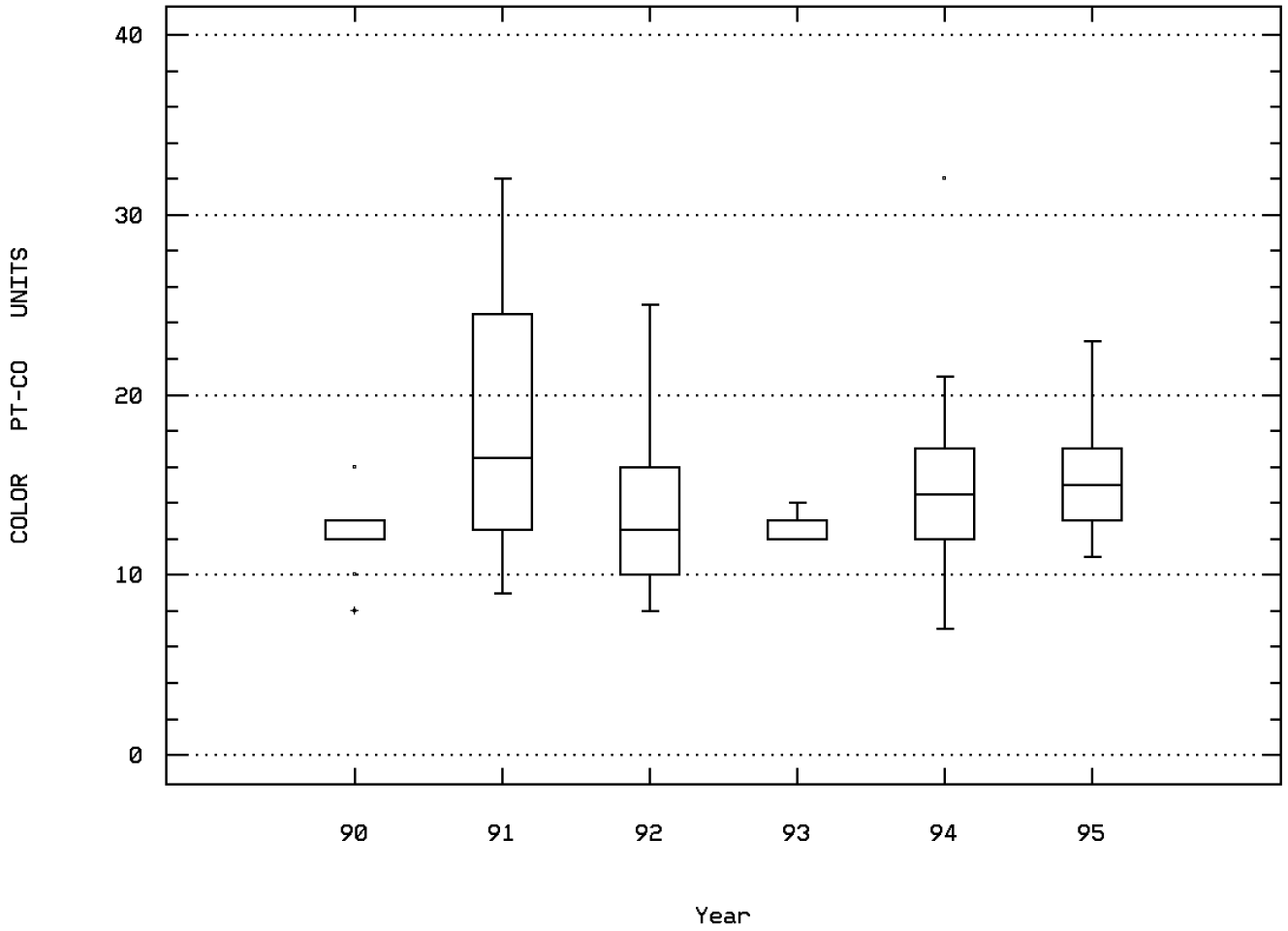
TRANSPARENCY, SECCHI DISC (METERS)



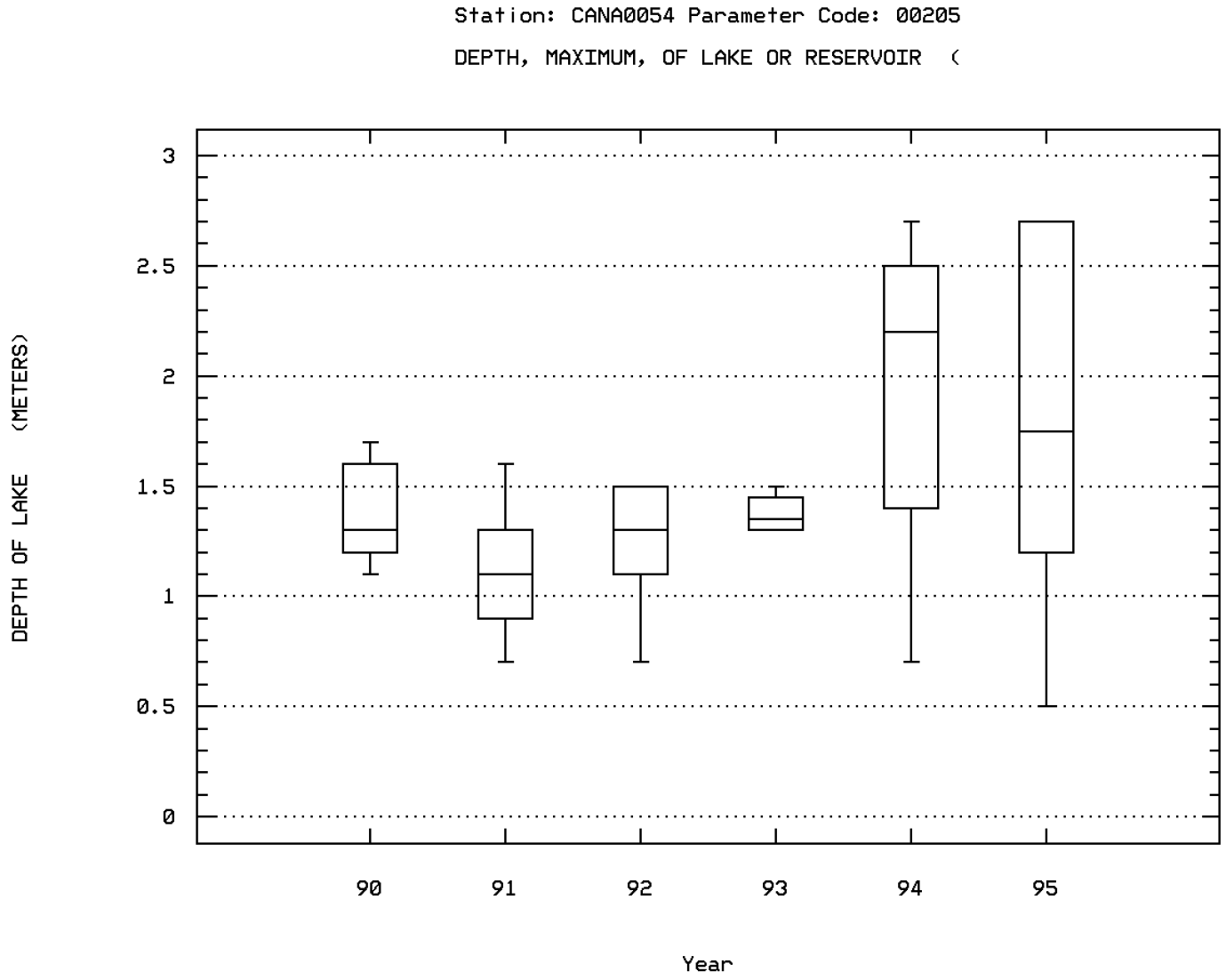
INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station: CANA0054 Parameter Code: 00080

COLOR (PLATINUM-COBALT UNITS)



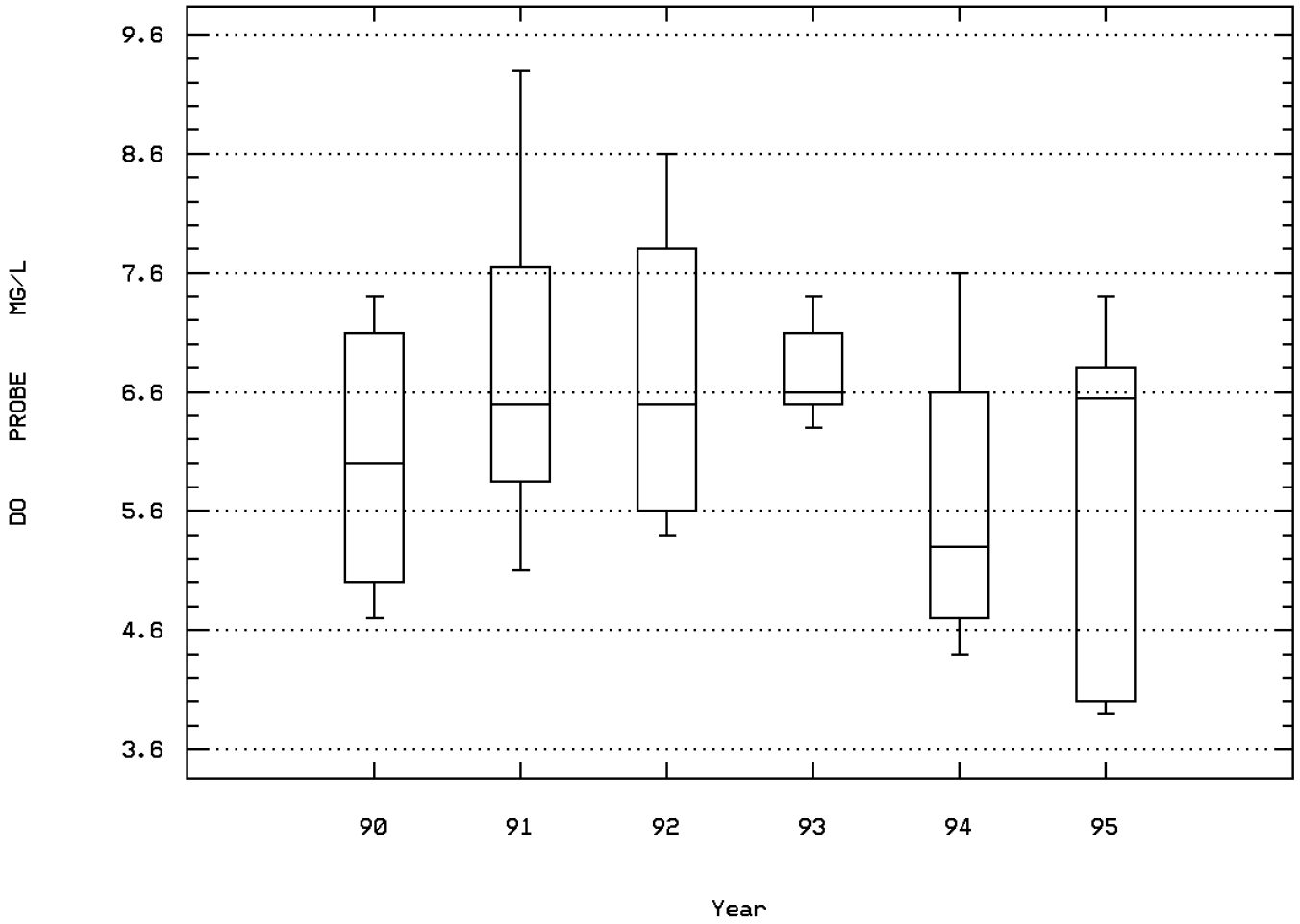
INDIAN RIVER LAGOON BY SHIPYARD CHANNEL



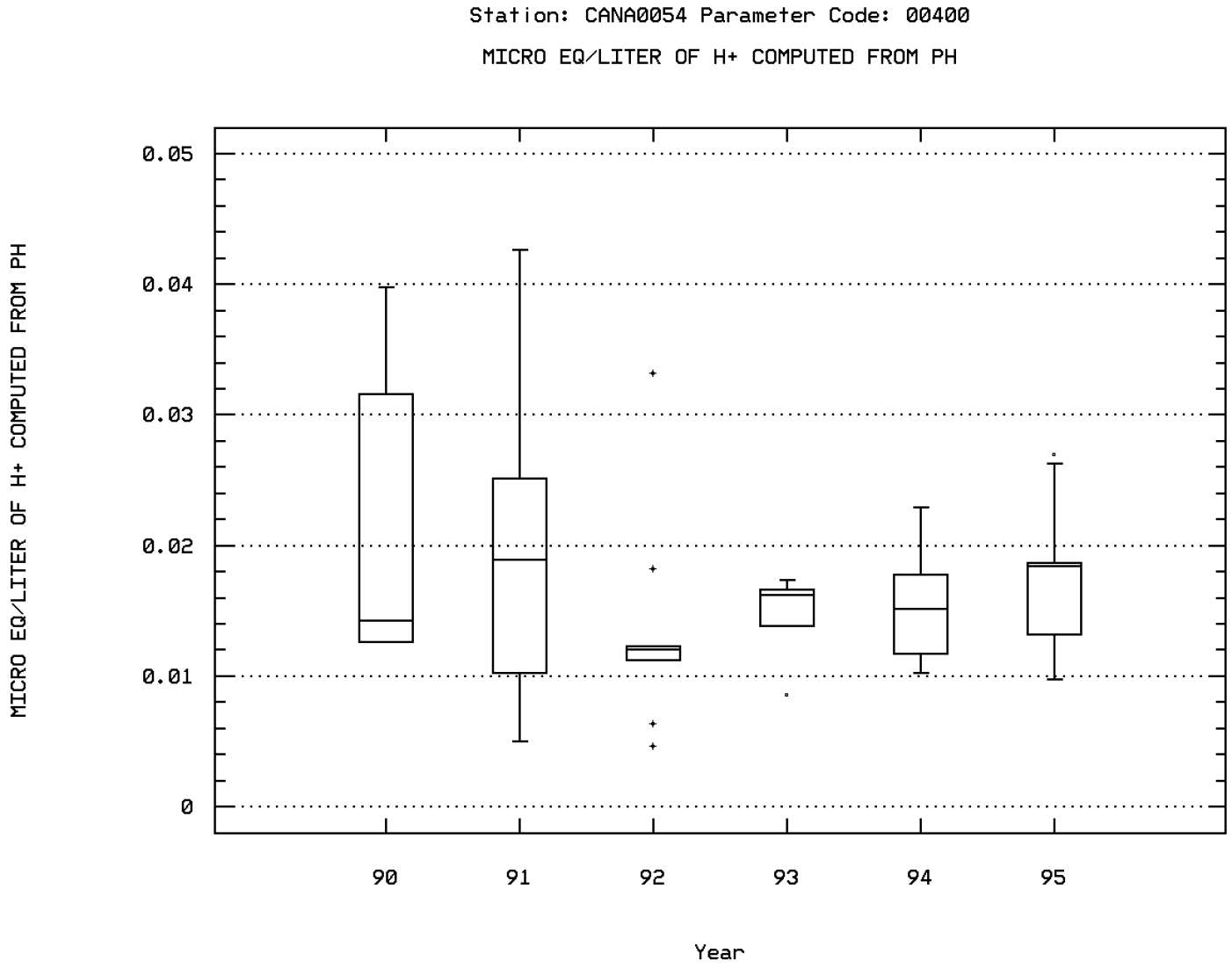
INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station: CANA0054 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



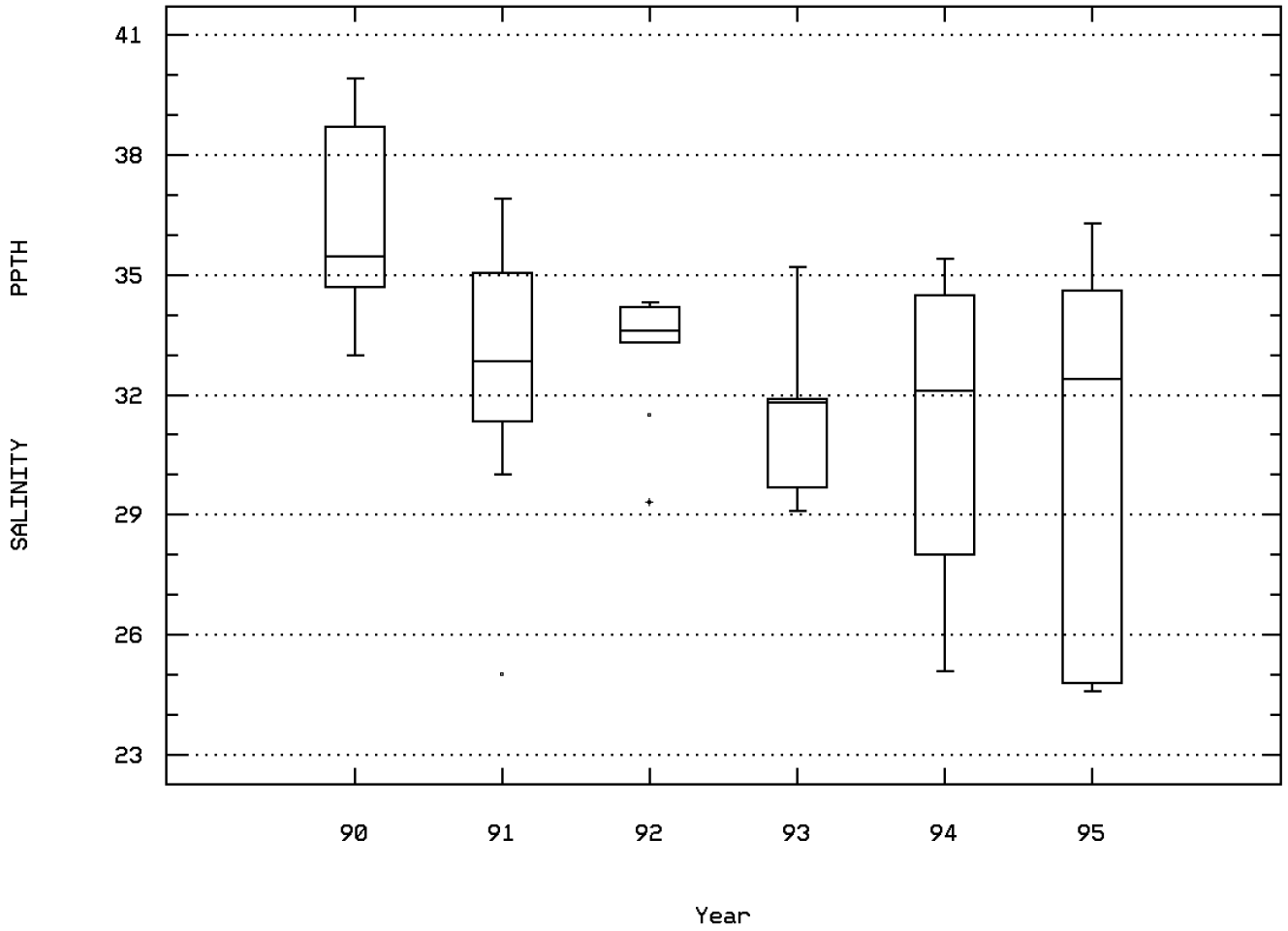
INDIAN RIVER LAGOON BY SHIPYARD CHANNEL



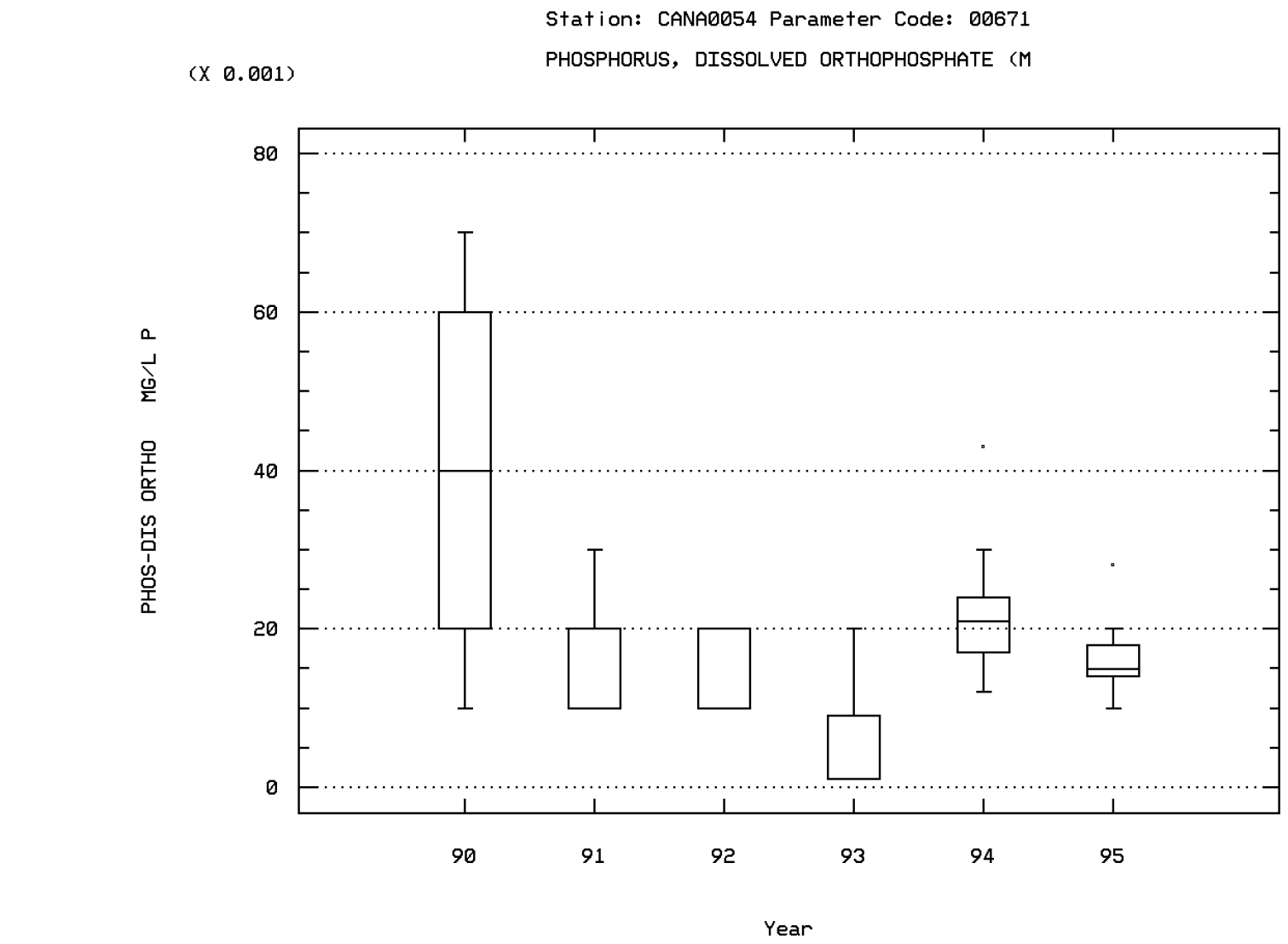
INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station: CANA0054 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



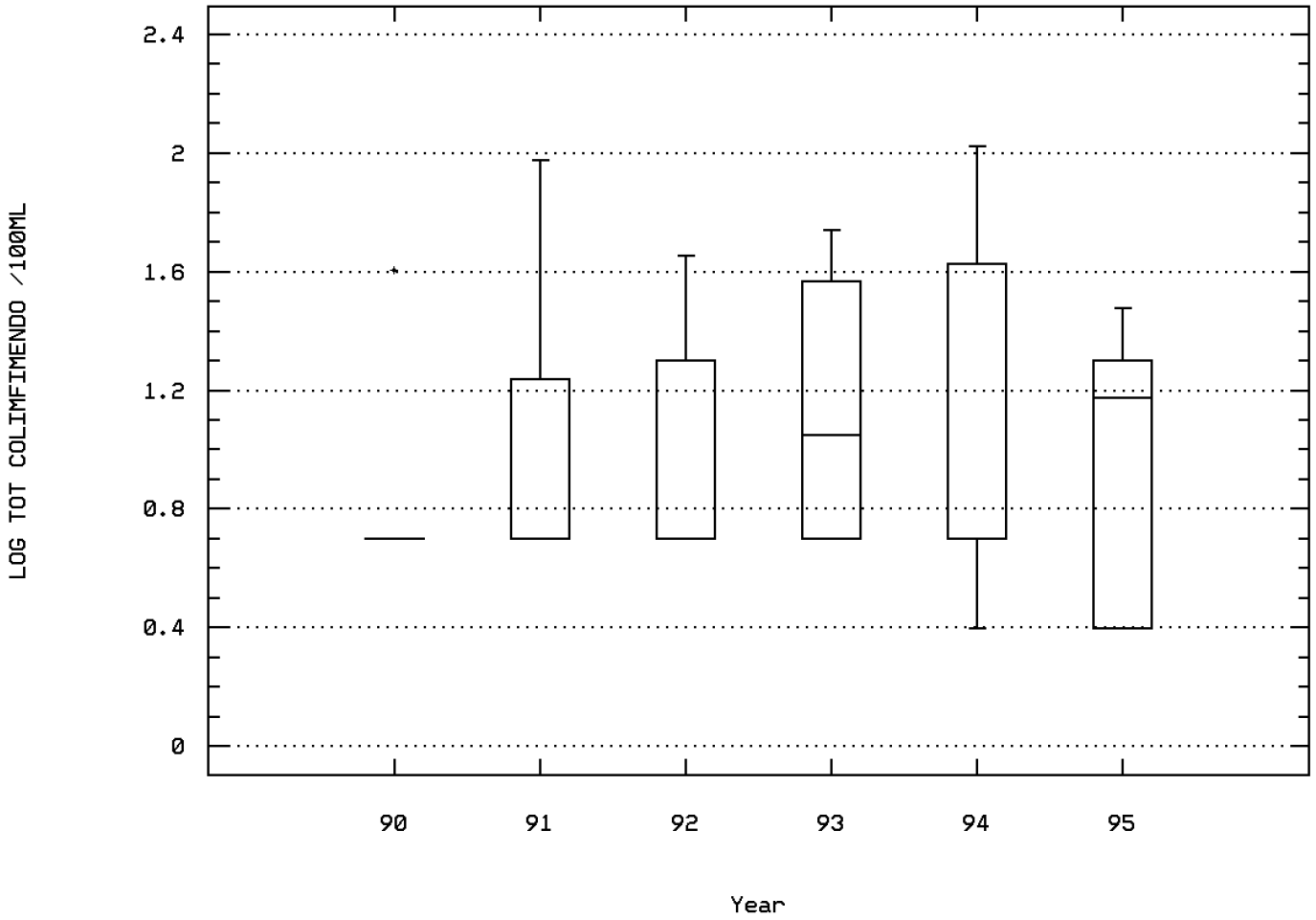
INDIAN RIVER LAGOON BY SHIPYARD CHANNEL



INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station: CANA0054 Parameter Code: 31501

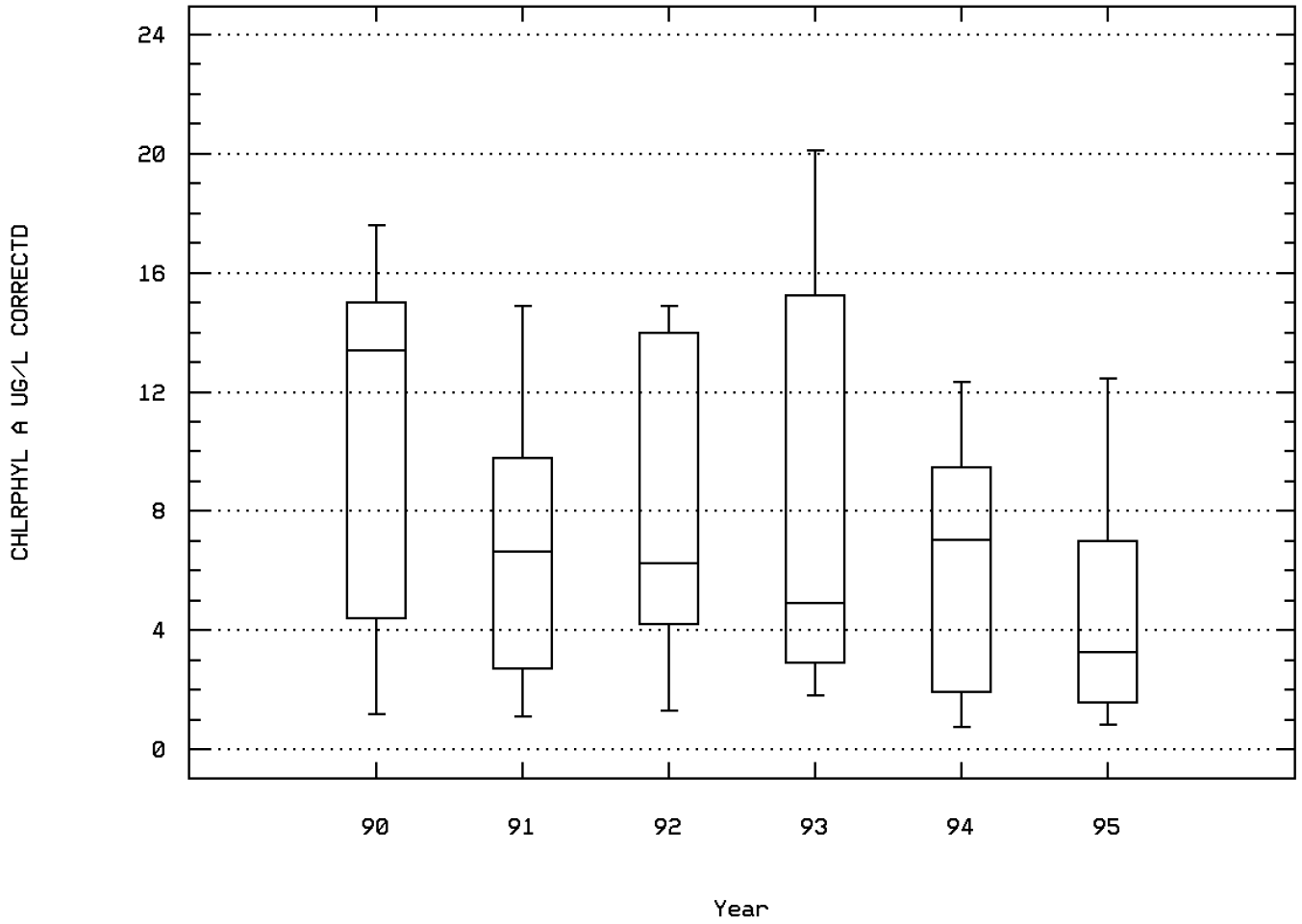
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station: CANA0054 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON BY SHIPYARD CHANNEL

Station Inventory for Station: CANA0055

NPS Station ID: CANA0055
LAT/LON: 28.946115/ -80.857504
Agency: 21FLA
Date Created: 02/25/89
Location: CEDAR CREEK AT SHIPYARD CANAL
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011716
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
CEDAR CREEK AT THE CONFLUENCE WITH THE SHIP YARD CANAL. THIS STATION IS PART OF THE INDIAN RIVER LAGOON NEAR THE CITY OF EDGEWATER.

Parameter Inventory for Station: CANA0055

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: CANA0056

NPS Station ID: CANA0056 LAT/LON: 28.952504/ -80.844726 Agency: 21FLVEMD Date Created: 02/13/93
Location: MOSQUITO LAGOON JUST EAST OF CEDAR ISLAND FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ML11
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080202 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
MOSQUITO LAGOON JUST EAST OF CEDAR ISLAND AND WEST OF BETHUNE BEACH AREA

Parameter Inventory for Station: CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	59	25.7	24.292	32.2	1.	36.424	6.035	16.1	19.	30.1	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	58	26.25	25.364	35.	13.2	31.061	5.573	15.99	21.75	29.25	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	58	40.	45.448	100.	0.	1169.725	34.201	4.6	10.	77.5	95.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	62	5.	6.968	20.	0.	17.737	4.211	3.	5.	8.25	14.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	62	7.05	7.245	18.	1.4	16.286	4.036	1.89	4.325	9.6	12.94
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	59	0.9	0.893	1.4	0.4	0.047	0.216	0.6	0.8	1.	1.2
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	62	14.	15.226	30.	7.	32.309	5.684	8.3	11.75	18.	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	56	50950.	49306.804	59900.	481.	66980221.252	8184.145	39270.	47025.	53350.	54780.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	60	1.1	1.128	1.7	0.6	0.064	0.253	0.8	1.	1.3	1.49
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	58	5.8	5.922	9.2	3.4	1.686	1.299	3.9	5.125	6.725	7.8
00400	PH (STANDARD UNITS)	04/17/90-08/16/95	58	7.825	7.798	8.3	7.36	0.048	0.22	7.4	7.69	7.95	8.082
00400	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	58	7.825	7.742	8.3	7.36	0.051	0.227	7.4	7.69	7.95	8.082
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	58	0.015	0.018	0.044	0.005	0.	0.01	0.008	0.011	0.02	0.04
00480	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	58	33.65	32.998	40.	24.9	11.944	3.456	27.7	31.375	35.25	36.15
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	54	17.	18.352	95.	2.	181.063	13.456	6.5	11.75	22.	31.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/11/92-08/16/95	19	0.04	0.06	0.177	0.01	0.003	0.055	0.01	0.011	0.12	0.147
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/90-08/16/95	50	1.05	1.198	2.1	0.6	0.171	0.414	0.691	0.88	1.555	1.79
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	58	0.01	0.014	0.07	0.001	0.	0.01	0.01	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/90-08/16/95	48	0.076	0.079	0.15	0.009	0.001	0.031	0.04	0.059	0.1	0.125
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	60	0.02	0.023	0.08	0.001	0.	0.015	0.01	0.014	0.027	0.049
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	60	10.	25.167	255.	2.5	1634.082	40.424	2.75	5.	25.	69.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	60	1.	1.091	2.407	0.398	0.242	0.492	0.428	0.699	1.398	1.842
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.337								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	59	5.	19.788	370.	2.5	2756.312	52.501	2.5	5.	10.	35.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	59	0.699	0.896	2.568	0.398	0.215	0.464	0.398	0.699	1.	1.544
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.875								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	58	10.	24.44	545.	2.5	5034.22	70.952	2.5	5.	21.25	45.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	58	1.	1.047	2.736	0.398	0.199	0.447	0.398	0.699	1.325	1.653
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			11.14								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	34	3.53	5.599	23.49	0.31	27.497	5.244	0.675	1.63	7.77	14.78
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	67	4.8	6.646	25.6	0.	36.813	6.067	0.732	1.93	10.2	14.472
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	33	0.05	0.138	0.64	0.	0.03	0.174	0.	0.	0.28	0.38
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/12/93-08/16/95	34	0.645	0.816	3.31	0.	0.714	0.845	0.01	0.09	1.148	2.175
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/12/93-08/16/95	33	0.6	0.8	2.65	0.	0.493	0.702	0.028	0.315	1.105	2.17
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/11/92-11/10/92	3	-2.3	-2.41	-1.95	-2.98	0.274	0.524	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	62	0	0.00	12	0	0.00	15	0	0.00	15	0	0.00	20	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	58	6	0.10	12	0	0.00	13	0	0.00	13	2	0.15	20	4	0.20
00400	PH	Other-Hi Lim.	9.	58	0	0.00	12	0	0.00	13	0	0.00	13	0	0.00	20	0	0.00
		Other-Lo Lim.	6.5	58	0	0.00	12	0	0.00	13	0	0.00	13	0	0.00	20	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	60	0	0.00	11	0	0.00	15	0	0.00	14	0	0.00	20	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	59	1	0.02	10	1	0.10	15	0	0.00	14	0	0.00	20	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	58	8	0.14	10	3	0.30	14	3	0.21	14	0	0.00	20	2	0.10

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

Annual Analysis for 1990 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	9	27.	26.478	31.	15.9	25.152	5.015	15.9	23.35	30.65	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	9	27.	26.044	32.	18.5	27.21	5.216	18.5	21.5	32.	32.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	9	70.	55.	100.	0.	1312.5	36.228	0.	25.	87.5	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	9	8.	7.778	15.	2.	20.944	4.577	2.	4.	12.	15.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	9	8.1	10.233	18.	5.1	23.083	4.804	5.1	7.	15.	18.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	9	0.8	0.822	1.4	0.4	0.104	0.323	0.4	0.5	1.	1.4
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	9	14.	12.333	14.	8.	5.	2.236	8.	10.5	14.	14.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	7	55200.	55914.286	59900.	52100.	9318095.238	3052.556	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	9	1.3	1.267	1.7	0.6	0.125	0.354	0.6	1.	1.55	1.7
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	9	6.	6.078	7.7	5.2	0.649	0.806	5.2	5.3	6.55	7.7
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	9	7.9	7.711	8.	7.4	0.066	0.257	7.4	7.4	7.9	8.
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	9	7.9	7.643	8.	7.4	0.071	0.267	7.4	7.4	7.9	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	9	0.013	0.023	0.04	0.01	0.	0.013	0.01	0.013	0.04	0.04
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	9	36.	36.589	40.	34.	5.234	2.288	34.	34.4	39.1	40.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	9	20.	19.444	35.	3.	82.028	9.057	3.	14.5	25.	35.
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	9	0.01	0.013	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	9	0.05	0.042	0.08	0.01	0.001	0.025	0.01	0.02	0.065	0.08
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	9	5.	8.333	15.	5.	18.75	4.33	5.	5.	12.5	15.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	9	0.699	0.872	1.176	0.699	0.046	0.214	0.699	0.699	1.088	1.176
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.445								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	8	10.	11.25	20.	10.	12.5	3.536	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	8	1.	1.038	1.301	1.	0.011	0.106	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.905								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	8	10.	13.75	30.	10.	55.357	7.44	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	8	1.	1.097	1.477	1.	0.035	0.186	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			12.51								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	9	8.2	11.522	25.6	0.5	75.362	8.681	0.5	4.55	20.25	25.6

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

Annual Analysis for 1991 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	13	25.3	22.746	32.2	1.	68.163	8.256	6.92	17.65	27.85	31.52
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	12	29.	26.5	35.	14.5	60.775	7.796	14.92	17.075	32.75	35.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	12	50.	60.	100.	30.	818.182	28.604	30.	32.5	95.	98.5
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	13	5.	5.231	15.	0.	14.859	3.855	0.	4.	5.	13.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	13	7.8	7.246	12.	2.1	10.588	3.254	2.42	3.7	9.8	11.6
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	11	0.9	0.864	1.3	0.6	0.041	0.201	0.6	0.7	1.	1.24
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	13	18.	18.692	30.	8.	66.231	8.138	8.4	11.	26.5	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	13	50100.	49153.846	55400.	39200.	27179358.974	5213.383	39240.	46250.	53250.	55040.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	12	1.25	1.225	1.6	0.9	0.046	0.214	0.93	1.	1.4	1.54
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	13	5.8	6.354	9.2	4.5	1.819	1.349	4.82	5.35	7.7	8.64
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	13	7.7	7.741	8.1	7.36	0.065	0.256	7.368	7.515	7.95	8.1
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	13	7.7	7.672	8.1	7.36	0.071	0.266	7.368	7.515	7.95	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	13	0.02	0.021	0.044	0.008	0.	0.013	0.008	0.011	0.032	0.043
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	13	32.9	32.162	36.7	24.9	14.451	3.801	24.94	30.	35.15	36.42
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	13	18.	16.077	29.	2.	67.077	8.19	4.	8.	22.5	27.8
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	13	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.016
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	13	0.02	0.022	0.05	0.01	0.	0.012	0.01	0.01	0.03	0.046
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	12	10.	21.667	70.	5.	560.606	23.677	5.	5.	33.75	68.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	12	1.	1.113	1.845	0.699	0.203	0.45	0.699	0.699	1.527	1.835
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.957								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	12	5.	26.25	155.	5.	2377.841	48.763	5.	5.	10.	138.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	12	0.699	0.982	2.19	0.699	0.285	0.534	0.699	0.699	1.	2.133
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.59								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	11	10.	19.545	50.	5.	247.273	15.725	5.	10.	30.	49.

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

Annual Analysis for 1991 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	11	1.	1.166	1.699	0.699	0.12	0.347	0.699	1.	1.477	1.69
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			14.666								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	13	5.	6.031	13.2	0.5	21.464	4.633	0.62	1.9	10.8	13.12

** - 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 1992 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	10	27.65	25.81	31.2	15.1	30.983	5.566	15.57	21.3	30.525	31.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	11	24.	24.1	29.	13.2	24.788	4.979	14.44	20.9	29.	29.
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	11	50.	45.909	100.	0.	1124.091	33.527	0.	20.	65.	98.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	11	5.	7.545	20.	3.	27.673	5.26	3.2	5.	8.	19.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	11	9.2	9.091	16.	1.8	20.233	4.498	2.34	5.3	13.	15.8
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	11	0.8	0.809	1.1	0.7	0.017	0.13	0.7	0.7	0.8	1.08
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	11	15.	14.727	25.	10.	18.218	4.268	10.	12.	16.	23.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	10	50850.	45478.1	53800.	481.	254553951.656	15954.747	5092.9	47650.	51950.	53660.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	11	1.	0.982	1.4	0.7	0.054	0.232	0.7	0.8	1.1	1.38
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	10	5.5	6.06	8.3	4.2	2.318	1.523	4.25	4.85	7.525	8.29
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	10	7.92	7.896	8.3	7.41	0.08	0.283	7.432	7.675	8.192	8.29
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	10	7.92	7.813	8.3	7.41	0.088	0.296	7.432	7.675	8.192	8.29
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	10	0.012	0.015	0.039	0.005	0.	0.01	0.005	0.006	0.021	0.037
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	10	33.45	33.02	35.6	30.3	2.715	1.648	30.4	31.45	34.15	35.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	11	20.	25.455	95.	4.	612.473	24.748	5.2	11.	31.	82.8
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	10	0.01	0.015	0.05	0.01	0.	0.013	0.01	0.01	0.013	0.047
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	10	0.02	0.018	0.03	0.01	0.	0.006	0.01	0.01	0.02	0.029
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	11	5.	38.182	255.	5.	5551.364	74.507	5.	5.	25.	218.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	11	0.699	1.129	2.407	0.699	0.34	0.583	0.699	0.699	1.398	2.294
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.454								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	11	5.	42.273	370.	5.	11876.818	108.981	5.	5.	25.	301.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	11	0.699	1.023	2.568	0.699	0.34	0.583	0.699	0.699	1.398	2.334
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.552								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	11	10.	63.182	545.	5.	25801.364	160.628	5.	5.	25.	448.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	11	1.	1.16	2.736	0.699	0.401	0.633	0.699	0.699	1.398	2.545
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			14.453								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	11	9.2	8.564	19.6	0.8	40.805	6.388	0.94	2.6	13.8	18.84

** - 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 1993 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	4	20.25	20.325	24.7	16.1	13.549	3.681	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	3	26.	26.333	27.	26.	0.333	0.577	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	5	5.	19.2	60.	0.	670.7	25.898	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	5	5.	6.6	10.	3.	10.3	3.209	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	5	3.2	3.94	6.9	2.2	3.433	1.853	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	5	0.9	0.96	1.2	0.8	0.033	0.182	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	5	13.	13.	17.	8.	10.5	3.24	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	4	47450.	48175.	53000.	44800.	12949166.667	3598.495	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	4	1.15	1.125	1.4	0.8	0.062	0.25	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	4	6.5	6.675	8.1	5.6	1.623	1.274	**	**	**	**
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	4	7.76	7.833	8.08	7.73	0.028	0.166	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	4	7.76	7.812	8.08	7.73	0.028	0.168	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	4	0.017	0.015	0.019	0.008	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 CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	4	30.95	31.5	35.1	29.	7.087	2.662	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	5	12.	10.	16.	4.	24.	4.899	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	4	0.01	0.012	0.02	0.008	0.	0.005	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	4	0.005	0.005	0.01	0.001	0.	0.004	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	4	35.	45.	105.	5.	1816.667	42.622	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	4	1.54	1.45	2.021	0.699	0.305	0.552	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.173								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	4	10.	20.625	60.	2.5	701.563	26.487	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	4	1.	1.044	1.778	0.398	0.32	0.566	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.067								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	4	5.	11.875	35.	2.5	239.063	15.462	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	4	0.699	0.835	1.544	0.398	0.244	0.494	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.839								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	10	4.795	5.789	13.6	0.7	21.958	4.686	0.75	2.175	9.81	13.59

** - Less than 9 observations ## - Computed with 50% or 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 CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	14	25.7	24.793	31.4	17.6	20.661	4.545	18.05	20.575	27.95	31.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	13	25.5	26.377	33.	20.4	16.724	4.089	21.28	23.1	30.1	32.6
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	11	40.	43.636	95.	5.	1115.455	33.398	6.	10.	85.	94.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	14	6.	7.	13.	2.	10.154	3.187	3.	5.	8.5	13.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	14	6.5	6.743	13.	1.4	11.247	3.354	1.45	5.	7.95	12.9
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	13	0.9	0.885	1.2	0.6	0.035	0.186	0.6	0.75	1.	1.16
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	14	13.	14.286	30.	7.	40.374	6.354	7.	9.5	18.5	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	13	50700.	49353.846	54100.	39200.	17142692.308	4140.373	40880.	47400.	51400.	53860.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	14	1.05	1.036	1.3	0.6	0.035	0.186	0.7	0.975	1.125	1.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	13	6.	5.638	6.8	3.6	1.243	1.115	3.64	4.65	6.6	6.76
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	13	7.91	7.864	8.05	7.59	0.02	0.14	7.606	7.775	7.965	8.026
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	13	7.91	7.841	8.05	7.59	0.02	0.142	7.606	7.775	7.965	8.026
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	13	0.012	0.014	0.026	0.009	0.	0.005	0.009	0.011	0.017	0.025
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	13	33.4	32.369	35.9	25.	9.171	3.028	26.2	30.9	33.9	35.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	12	15.	16.75	35.	8.	75.477	8.688	8.	9.25	18.5	34.1
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	13	0.02	0.02	0.07	0.001	0.	0.017	0.004	0.01	0.02	0.054
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	14	0.021	0.022	0.044	0.008	0.	0.009	0.01	0.017	0.025	0.036
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	14	5.	16.786	75.	2.5	537.912	23.193	2.5	2.5	25.	65.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	14	0.699	0.879	1.875	0.398	0.301	0.549	0.398	0.398	1.376	1.808
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.566								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	14 ##	3.75	8.75	45.	2.5	180.529	13.436	2.5	2.5	5.	40.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	14 ##	0.548	0.677	1.653	0.398	0.173	0.416	0.398	0.398	0.699	1.599
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.753								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	14	5.	12.143	45.	2.5	203.709	14.273	2.5	2.5	20.	42.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	14	0.699	0.832	1.653	0.398	0.225	0.475	0.398	0.398	1.301	1.628
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			6.786								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	14	4.215	5.752	22.21	0.	35.528	5.961	0.44	1.92	6.98	18.175

** - 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 box-and-whisker plot

Annual Analysis for 1995 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/90-08/16/95	9	26.2	23.633	31.5	15.5	42.235	6.499	15.5	17.	30.2	31.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/17/90-08/16/95	10	24.85	23.17	30.5	15.	37.056	6.087	15.	15.75	27.875	30.5

** - 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

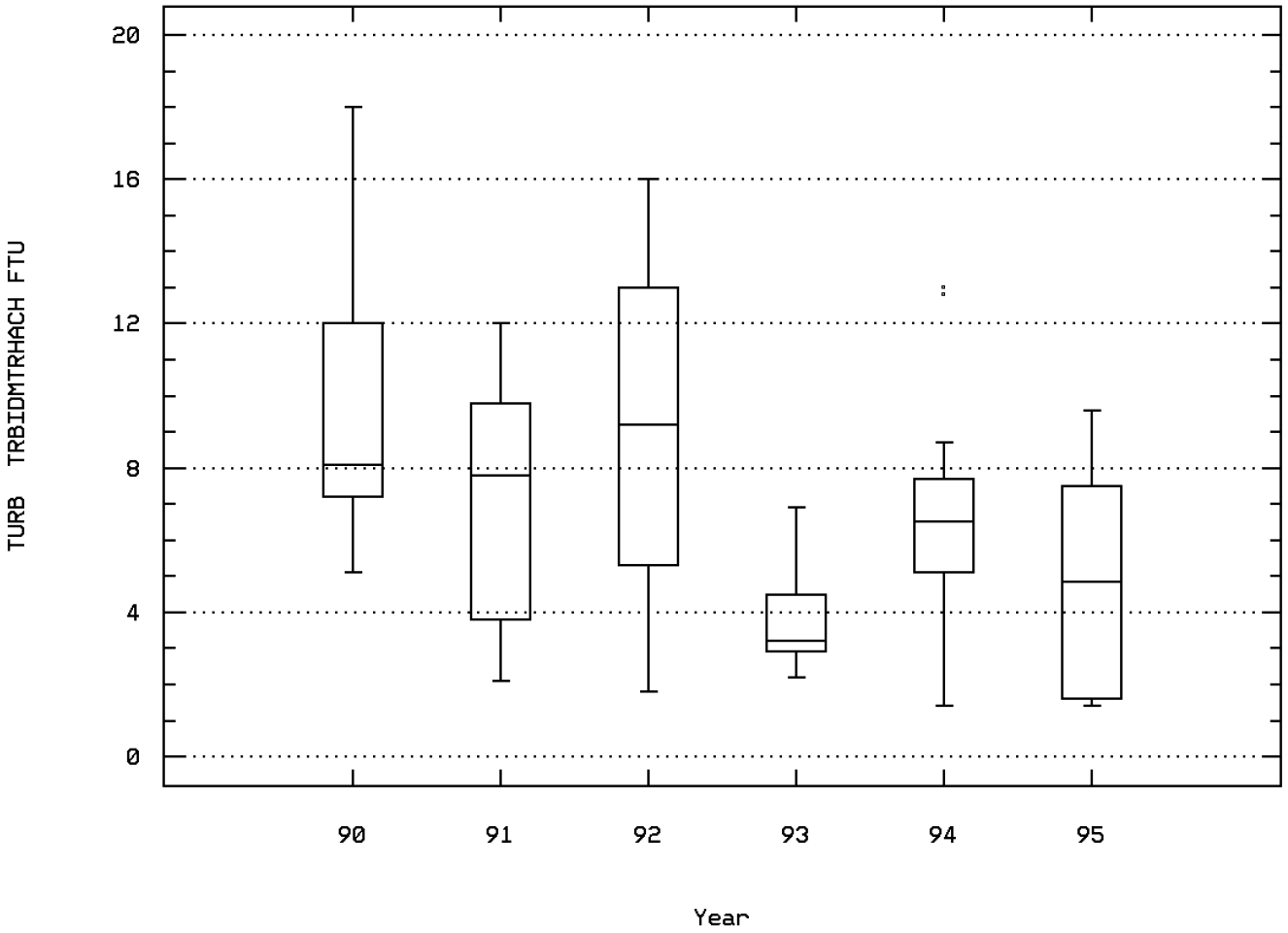
Annual Analysis for 1995 - Station CANA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	04/17/90-08/16/95	10	10.	34.	100.	5.	1548.889	39.356	5.	5.	70.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/17/90-08/16/95	10	5.5	8.	17.	4.	25.111	5.011	4.	4.75	11.	17.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/90-08/16/95	10	4.85	4.88	9.6	1.4	9.726	3.119	1.41	1.575	7.575	9.42
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/17/90-08/16/95	10	1.	1.06	1.3	0.8	0.034	0.184	0.81	0.9	1.3	1.3
00080p	COLOR (PLATINUM-COBALT UNITS)	04/17/90-08/16/95	10	17.	16.3	22.	11.	11.567	3.401	11.1	13.5	18.5	21.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/17/90-08/16/95	9	51800.	49077.778	54400.	39100.	38521944.444	6206.605	39100.	42650.	53900.	54400.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/17/90-08/16/95	10	1.15	1.18	1.6	0.8	0.046	0.215	0.82	1.075	1.3	1.57
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/17/90-08/16/95	9	4.8	5.067	6.9	3.4	1.965	1.402	3.4	3.85	6.55	6.9
00400p	PH (STANDARD UNITS)	04/17/90-08/16/95	9	7.72	7.749	7.96	7.54	0.014	0.117	7.54	7.69	7.83	7.96
00400p	CONVERTED PH (STANDARD UNITS)	04/17/90-08/16/95	9	7.72	7.735	7.96	7.54	0.014	0.118	7.54	7.69	7.83	7.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/90-08/16/95	9	0.019	0.018	0.029	0.011	0.	0.005	0.011	0.015	0.02	0.029
00480p	SALINITY - PARTS PER THOUSAND	04/17/90-08/16/95	9	34.2	32.167	36.1	24.9	20.54	4.532	24.9	27.45	35.65	36.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/17/90-08/16/95	4	20.5	19.	23.	12.	23.333	4.83	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/90-08/16/95	9	0.01	0.013	0.02	0.001	0.	0.007	0.001	0.01	0.02	0.02
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/90-08/16/95	10	0.02	0.023	0.039	0.015	0.	0.008	0.015	0.016	0.03	0.038
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/90-08/16/95	10	20.	34.	140.	10.	1582.222	39.777	10.5	15.	33.75	132.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/90-08/16/95	10	1.301	1.375	2.146	1.	0.115	0.339	1.018	1.176	1.493	2.109
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.733								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	10	5.	9.25	35.	2.5	104.236	10.21	2.5	2.5	15.	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/90-08/16/95	10	0.699	0.789	1.544	0.398	0.151	0.389	0.398	0.398	1.176	1.507
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.146								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/17/90-08/16/95	10	10.	18.	50.	5.	206.667	14.376	5.	8.75	26.25	48.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/17/90-08/16/95	10	1.	1.137	1.699	0.699	0.114	0.338	0.699	0.925	1.418	1.677
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.709								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/17/90-08/16/95	10	1.51	3.056	9.62	0.47	10.545	3.247	0.471	0.675	6.288	9.337

** - Less than 9 observations ## - Computed 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: CANA0056 Parameter Code: 00076

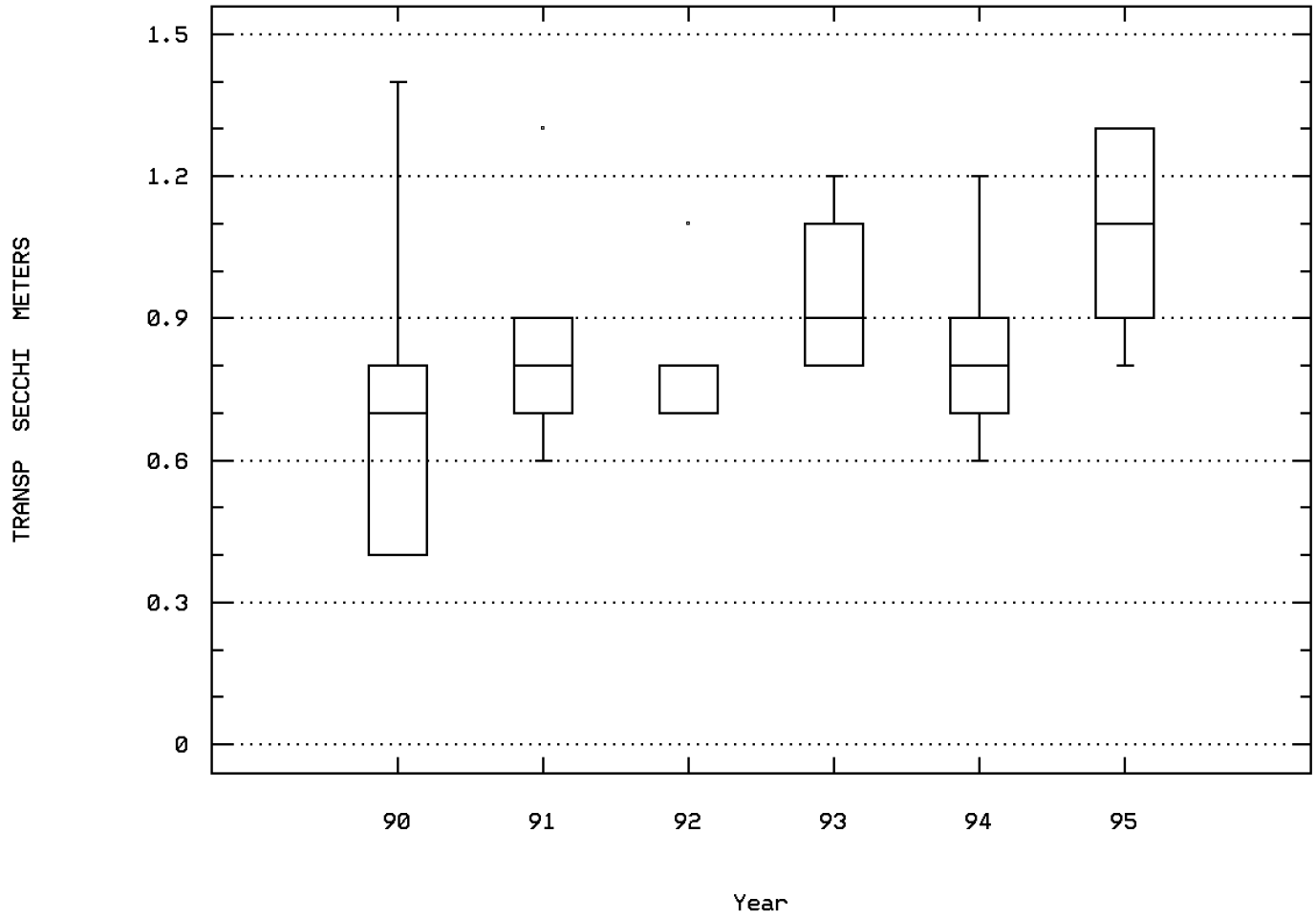
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 00078

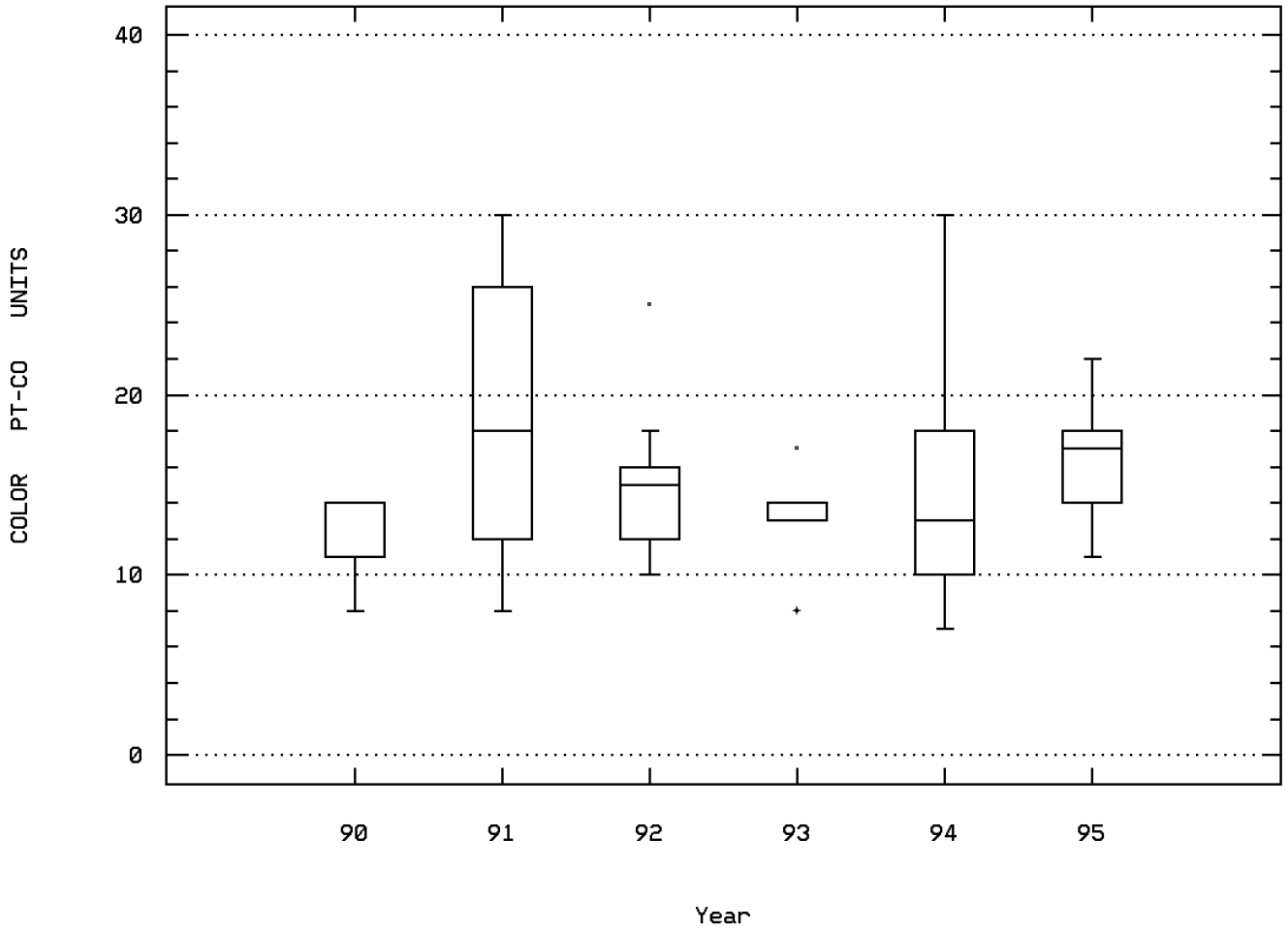
TRANSPARENCY, SECCHI DISC (METERS)



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 00080

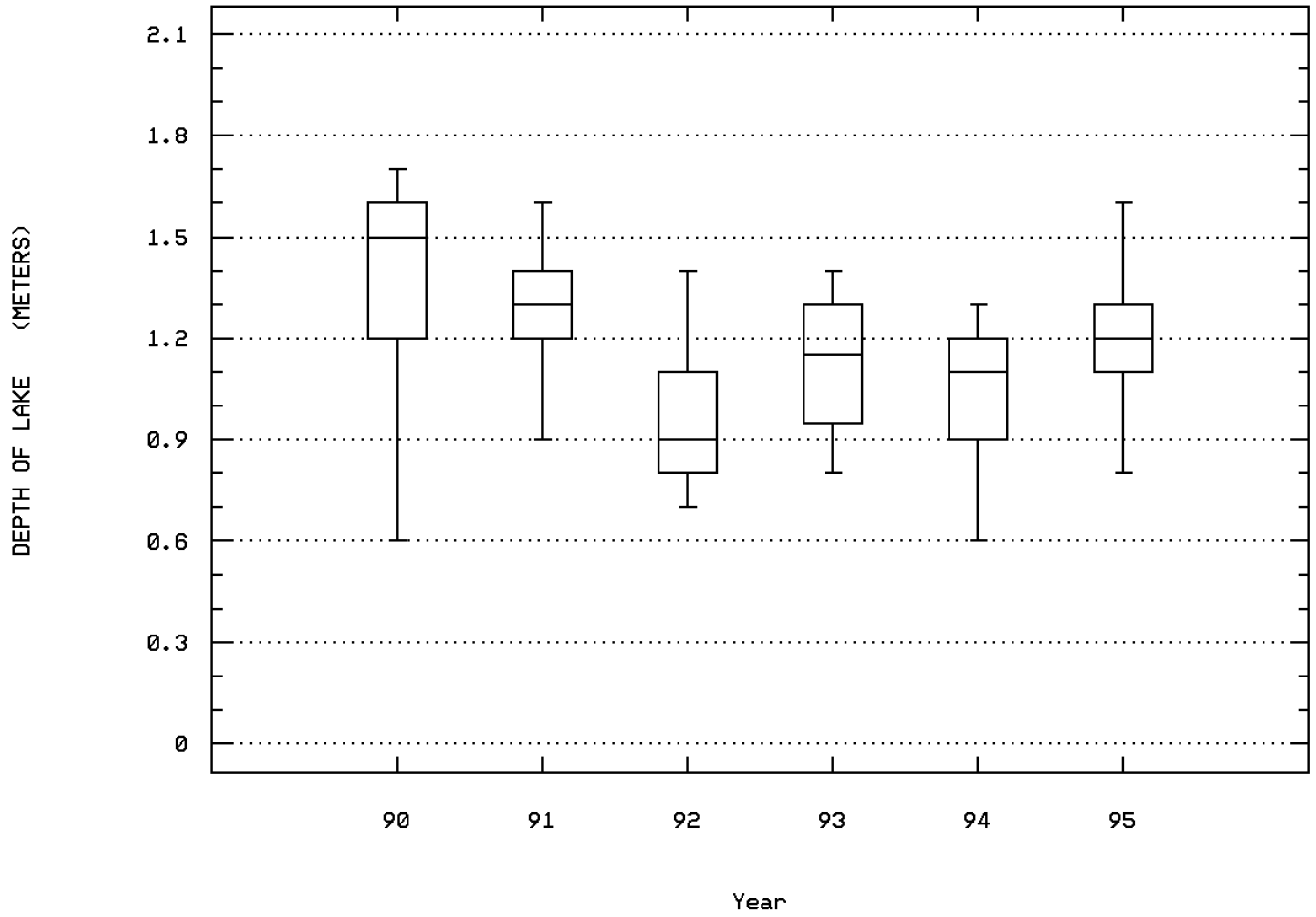
COLOR (PLATINUM-COBALT UNITS)



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 00205

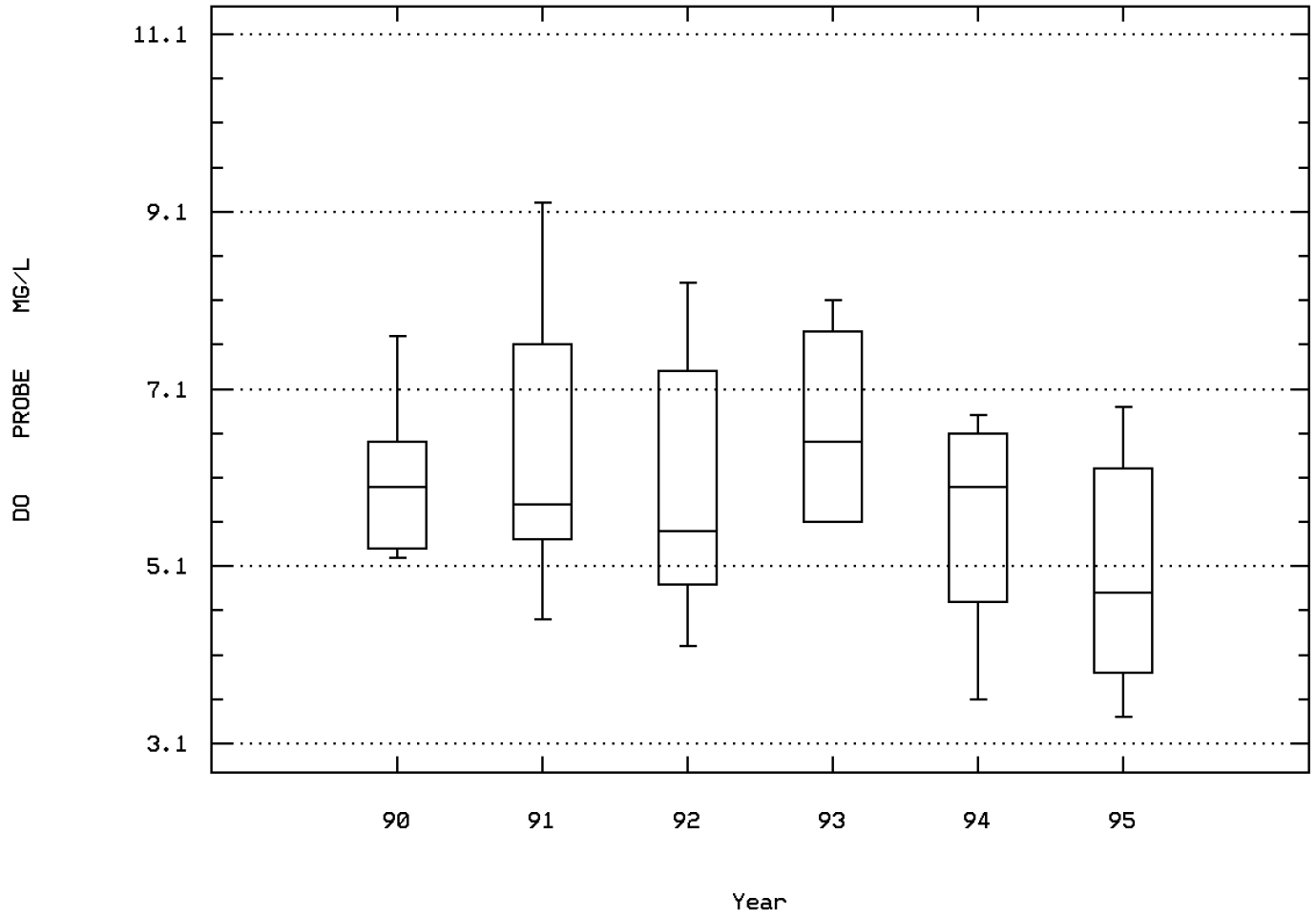
DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (



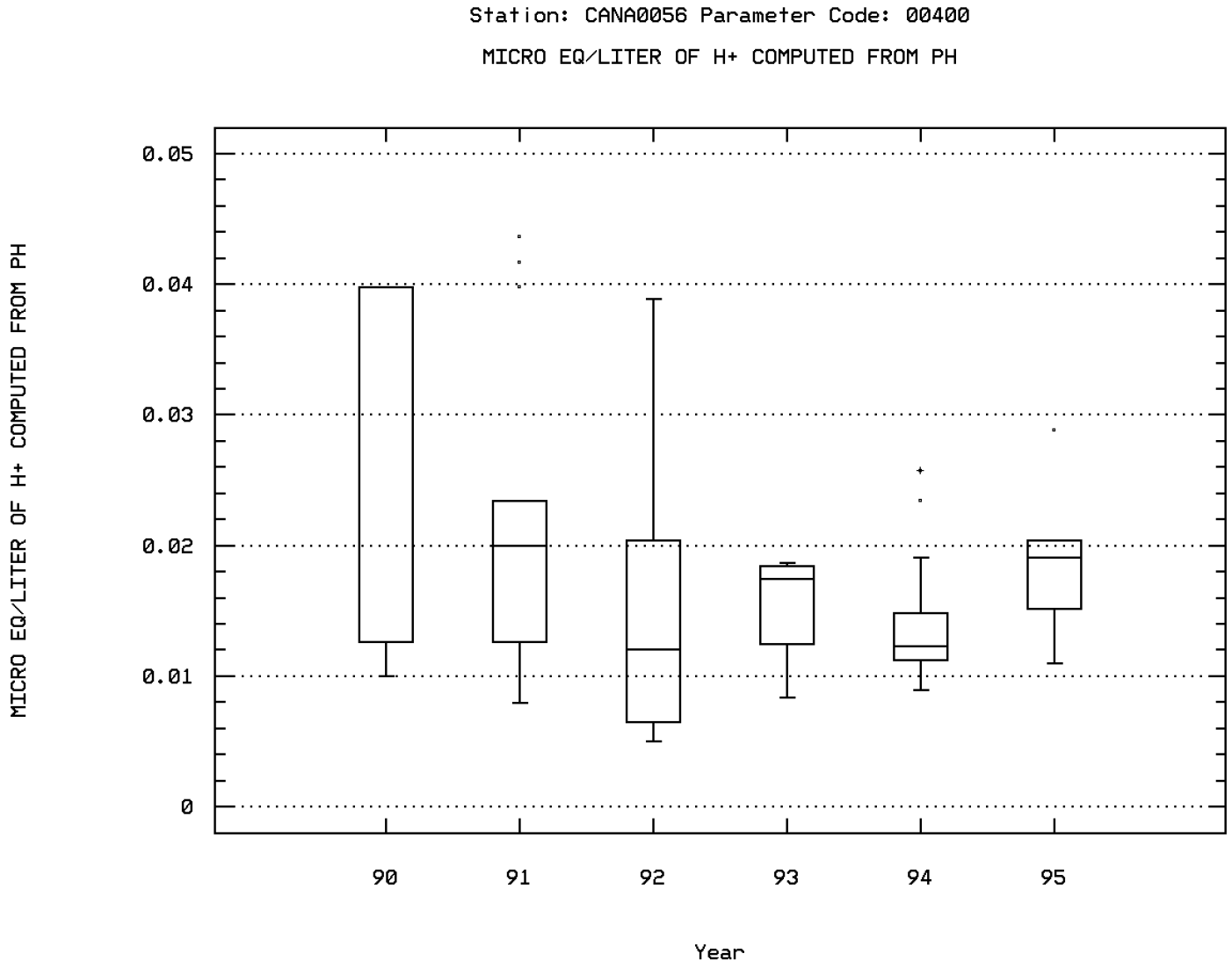
MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



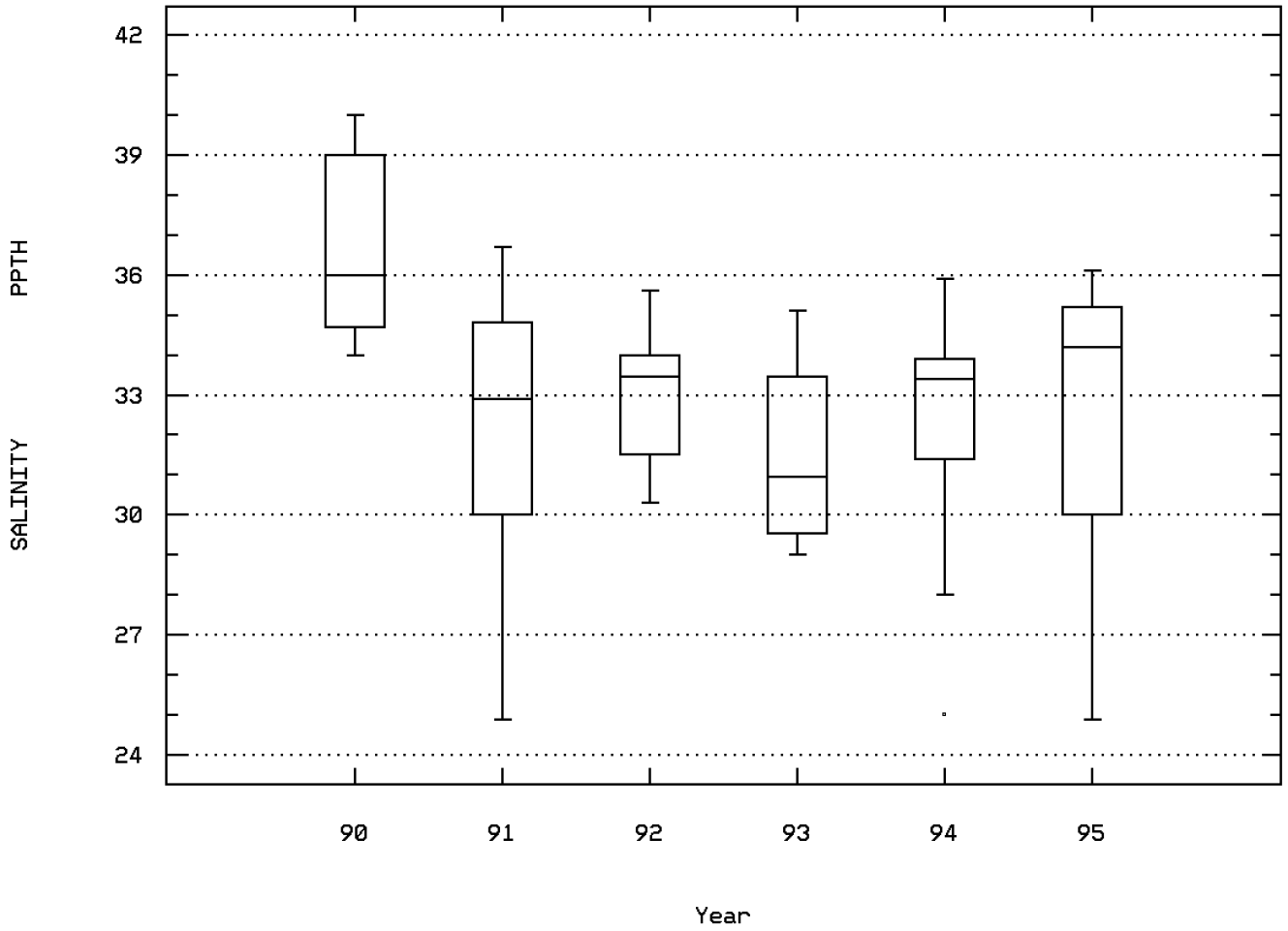
MOSQUITO LAGOON JUST EAST OF CEDAR ISLA



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND

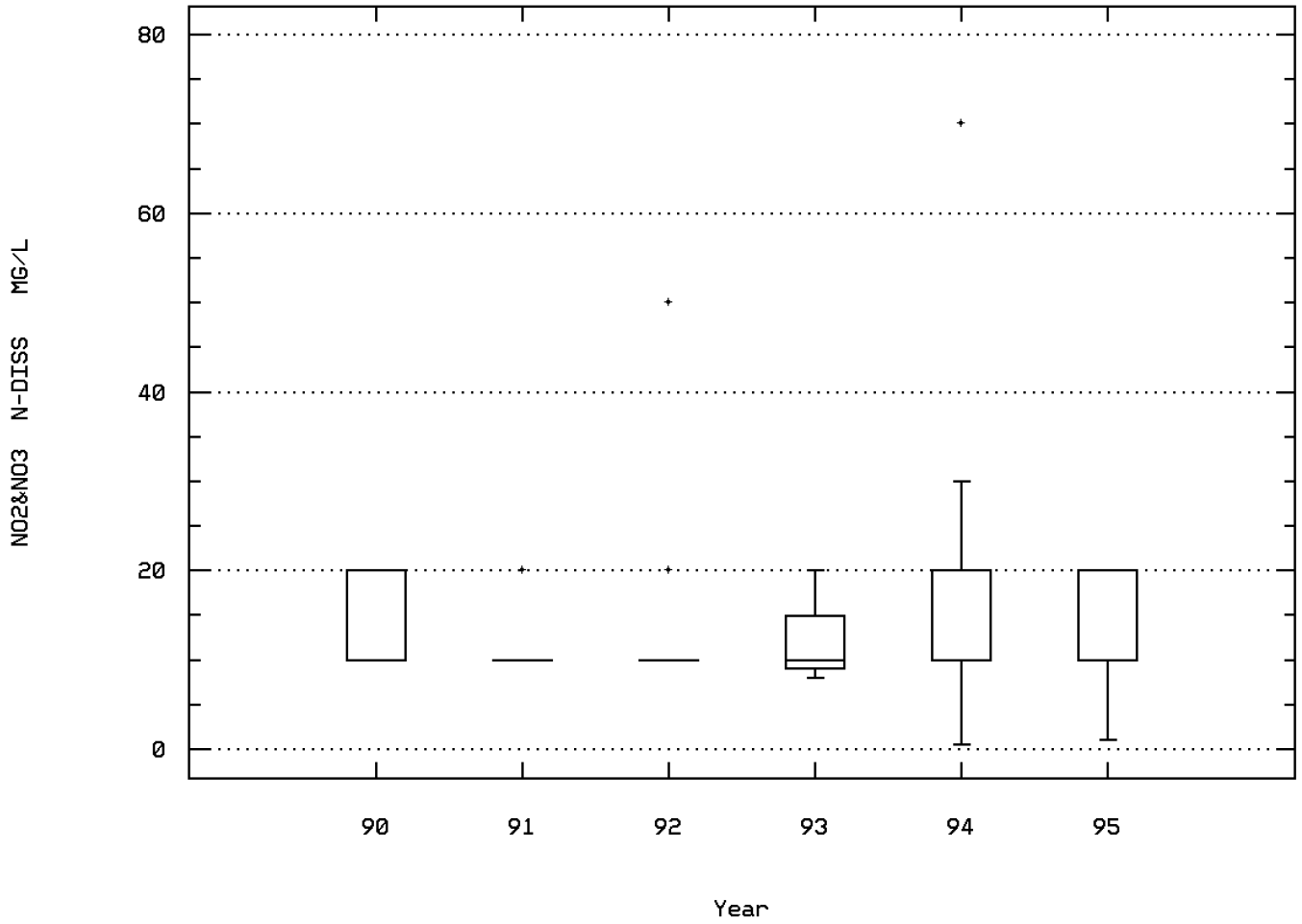


MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

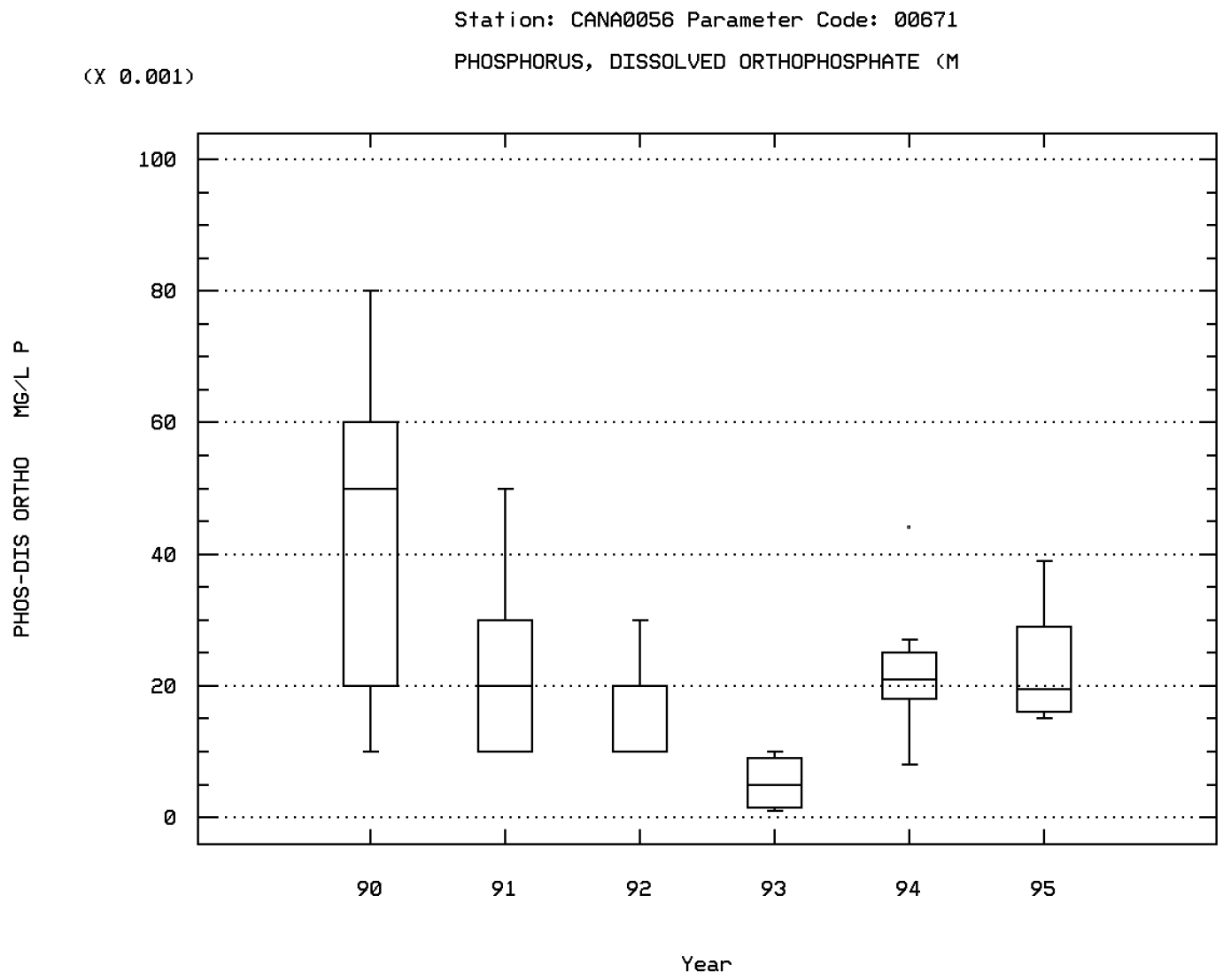
Station: CANA0056 Parameter Code: 00631

NITRITE PLUS NITRATE, DISS. 1 DET. (MG/

(X 0.001)



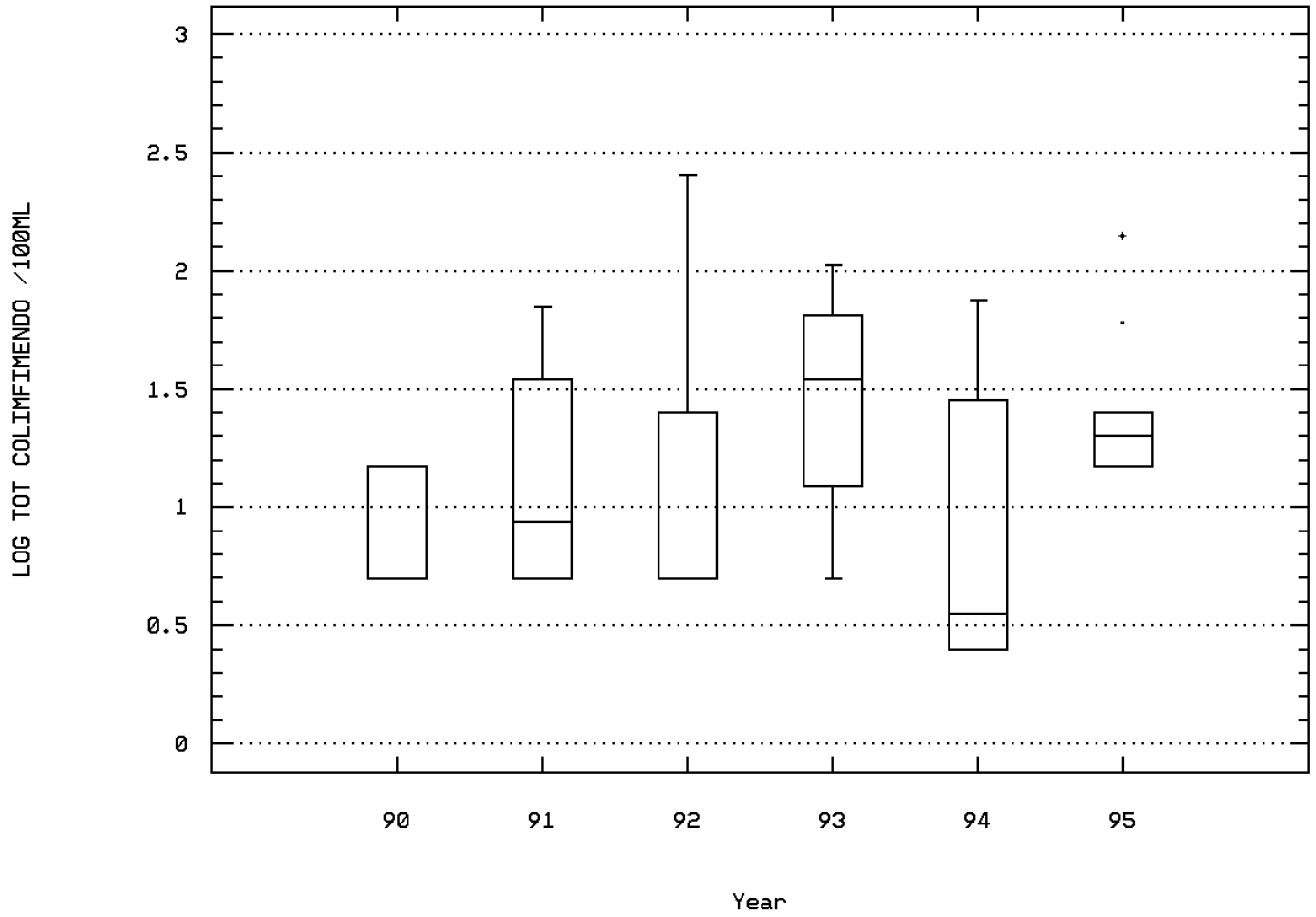
MOSQUITO LAGOON JUST EAST OF CEDAR ISLA



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 31501

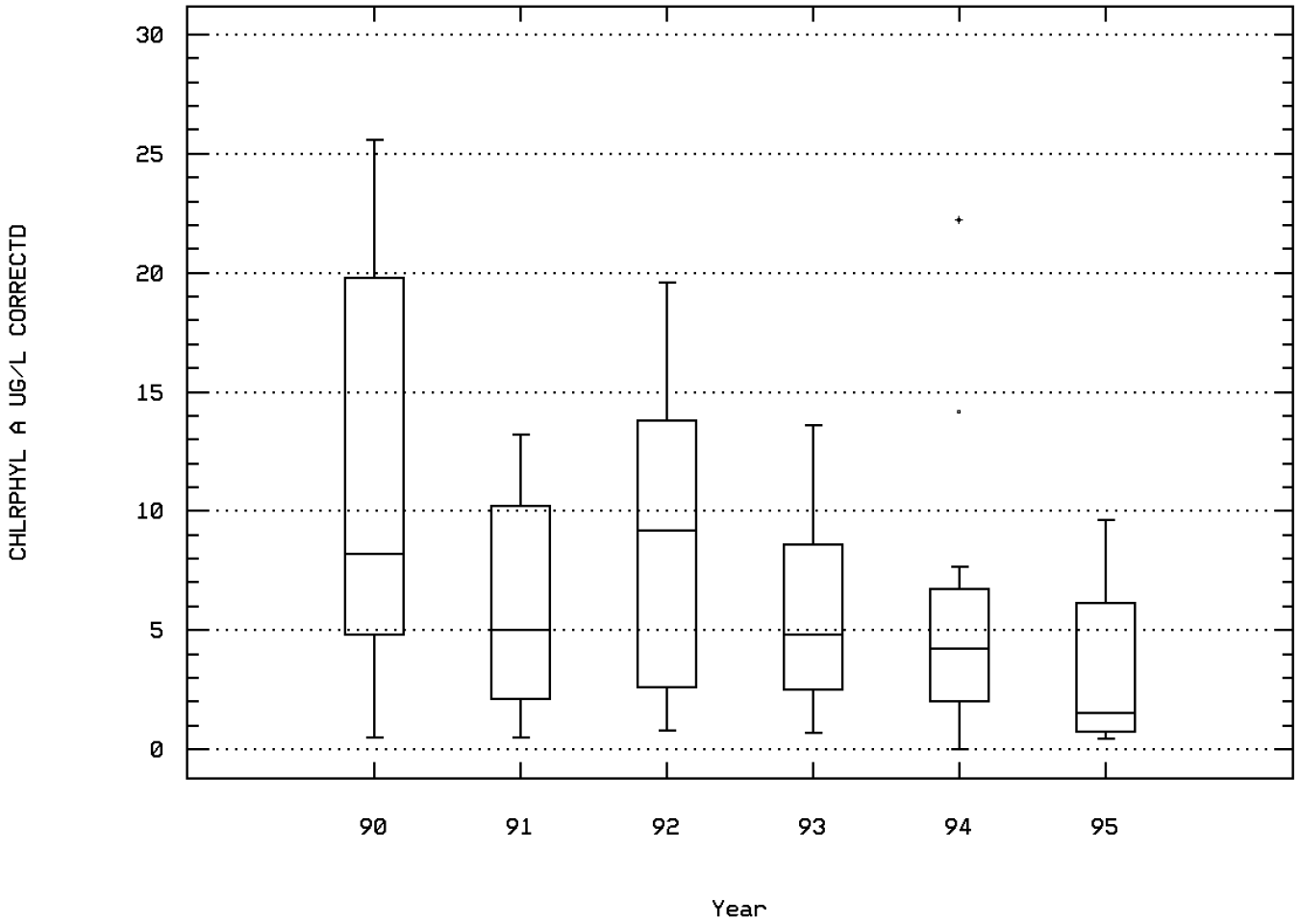
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station: CANA0056 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



MOSQUITO LAGOON JUST EAST OF CEDAR ISLA

Station Inventory for Station: CANA0057

NPS Station ID: CANA0057 | LAT/LON: 28.952504/ -80.845838 | Agency: 21FLA | Date Created: 09/17/88
Location: MOSQUITO LAGOON EAST OF CEDAR ISLAND | FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO | STORET Station ID(s): 27011713
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03080202 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA | ECO Region:
RF1 Index: 03080202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03080202000304.99 | RF3 Mile Point: 12.19 | Distance from RF3: 0.25 | On/Off RF3:
Description:
MOSQUITO LAGOON JUST EAST OF CEDAR ISLAND AND WEST OF BETHUNE BEACH AREA. VOLUSIA COUNTY STATION NUMBER 20.

Parameter Inventory for Station: CANA0057

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: CANA0058

NPS Station ID: CANA0058
LAT/LON: 28.955837/ -80.881392
Agency: 21FLA
Date Created: / /
Location: INDIAN RIV N ICW CHAN MARK 60
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010460
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080202001
RF1 Mile Point: 13.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SEGMENT 27.1DA BODY OF WATER: RIVER, INDIAN INDIAN RIVER NORTH AT ICW CHANNEL MARKER NO 60 MIDSTREAM - VOLUSIA CO

Parameter Inventory for Station: CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-10/23/95	33	24.8	23.721	32.	13.9	25.885	5.088	15.54	19.6	27.5	29.86
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/82-10/23/95	32	25.	23.216	36.	10.5	37.792	6.147	13.3	18.	28.	29.35
00032	CLOUD COVER (PERCENT)	10/05/82-10/23/95	32	25.	40.781	100.	0.	1421.144	37.698	0.	5.	80.	100.
00035	WIND VELOCITY (MILES PER HOUR)	10/05/82-10/23/95	31	10.	10.839	30.	0.	55.74	7.466	1.	5.	15.	20.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/70-01/04/83	4 ##	11.9	13.225	29.	0.1	141.783	11.907	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/05/83-07/20/87	8	9.85	9.938	17.2	3.1	18.96	4.354	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	10/05/82-10/23/95	36	0.9	0.994	2.8	0.4	0.247	0.497	0.5	0.7	1.1	1.73
00080p	COLOR (PLATINUM-COBALT UNITS)	06/02/70-10/23/95	33	20.	20.485	60.	5.	125.133	11.186	10.	15.	22.5	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/83-10/23/95	29	44800.	46036.207	53200.	37900.	21143331.527	4598.188	39550.	42755.	50465.	51500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/02/70-07/20/87	9	41150.	41394.444	48300.	32600.	30412777.778	5514.778	32600.	36350.	46150.	48300.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/82-10/23/95	30	6.35	6.467	8.8	4.7	1.393	1.18	5.	5.5	7.3	8.48
00300	OXYGEN, DISSOLVED MG/L	06/02/70-07/19/83	6	6.8	6.967	8.8	5.5	1.879	1.371	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/70-07/19/93	9	1.5	1.7	3.	0.4	0.69	0.831	0.4	1.05	2.4	3.
00324	BOD, 20 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00326	BOD, 28 DAY, 20 DEG C MG.L	12/07/83-12/07/83	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00327	BOD, 11DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00328	BOD, 12 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00334	BOD, 19 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00345	BOD, 25 DAY, 20 DEG C MG/L	05/09/84-05/09/84	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	12/13/72-10/23/95	32	7.7	7.709	8.3	7.	0.077	0.278	7.33	7.505	7.953	8.
00400p	CONVERTED PH (STANDARD UNITS)	12/13/72-10/23/95	32	7.7	7.617	8.3	7.	0.086	0.293	7.33	7.505	7.952	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-10/23/95	32	0.02	0.024	0.1	0.005	0.	0.019	0.01	0.011	0.031	0.047
00403p	PH, LAB, STANDARD UNITS SU	12/13/72-10/23/95	25	8.1	8.008	8.5	6.3	0.153	0.391	7.76	8.	8.2	8.24
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/13/72-10/23/95	25	8.1	7.543	8.5	6.3	0.378	0.615	7.76	8.	8.2	8.24
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-10/23/95	25	0.008	0.029	0.501	0.003	0.01	0.099	0.006	0.006	0.01	0.017
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-10/23/95	32	120.	123.813	149.	102.	124.286	11.148	111.3	117.25	129.5	140.7
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/13/72-12/13/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	10/05/82-10/23/95	28	31.8	30.804	36.5	24.2	12.1	3.478	25.09	28.3	33.35	35.19
00500	RESIDUE, TOTAL (MG/L)	12/13/72-12/13/72	1	31250.	31250.	31250.	31250.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/13/72-12/13/72	1	4290.	4290.	4290.	4290.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/13/72-12/13/72	1	26960.	26960.	26960.	26960.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/13/72-12/13/72	1	31230.	31230.	31230.	31230.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/13/72-07/19/93	14	19.	24.643	51.	10.	145.478	12.061	10.	15.75	34.	44.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/13/72-07/19/83	5	4.	4.8	8.	3.	4.7	2.168	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/13/72-07/19/83	5	11.	13.4	24.	7.	43.3	6.58	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.045	0.045	0.09	0.	0.004	0.064	**	**	**	**

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

Parameter Inventory for Station: CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/70-10/23/95	14 ##	0.01	0.042	0.19	0.	0.004	0.061	0.003	0.01	0.055	0.17
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.005	0.005	0.009	0.	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.075	0.075	0.12	0.03	0.004	0.064	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/82-10/23/95	29	0.66	0.759	1.5	0.32	0.107	0.327	0.46	0.495	1.	1.4
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/82-10/23/95	28 ##	0.015	0.022	0.1	0.	0.001	0.026	0.002	0.01	0.02	0.064
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/70-06/02/70	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/82-10/23/95	29	0.08	0.076	0.15	0.019	0.001	0.03	0.025	0.053	0.096	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/05/82-10/23/95	4	6.7	6.35	10.	2.	11.157	3.34	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/70-06/02/70	1	16700.	16700.	16700.	16700.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/09/92-11/09/92	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	01/04/83-11/09/92	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	11/09/92-11/09/92	1 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	11/09/92-11/09/92	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/04/83-11/09/92	3 ##	2.	3.667	7.5	1.5	11.083	3.329	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/04/83-11/09/92	2 ##	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/04/83-01/08/91	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/04/83-01/08/91	2 ##	15.	15.	25.	5.	200.	14.142	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/04/83-11/09/92	3 ##	6.	5.333	7.5	2.5	6.583	2.566	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/04/83-11/09/92	2 ##	0.9	0.9	1.5	0.3	0.72	0.849	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/04/83-11/09/92	2	190.	190.	240.	140.	5000.	70.711	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/04/83-11/09/92	3 ##	5.	6.	10.5	2.5	16.75	4.093	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/04/83-11/09/92	2 ##	2.825	2.825	4.75	0.9	7.411	2.722	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/09/92-11/09/92	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/09/92-11/09/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	11/09/92-11/09/92	1 ##	125.	125.	125.	125.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/09/92-11/09/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/09/92-11/09/92	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/09/92-11/09/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	11/09/92-11/09/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/04/83-11/09/92	3 ##	5.	6.667	12.5	2.5	27.083	5.204	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/04/83-11/09/92	2 ##	4.1	4.1	5.2	3.	2.42	1.556	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/09/92-11/09/92	1	289.	289.	289.	289.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/09/92-11/09/92	1	1380.	1380.	1380.	1380.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/09/92-11/09/92	1 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	11/09/92-11/09/92	1 ##	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	01/04/83-11/09/92	1	1290.	1290.	1290.	1290.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/05/82-10/05/82	1	45.	45.	45.	45.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/05/82-10/05/82	1	1.653	1.653	1.653	1.653	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			45.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/70-06/02/70	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/70-06/02/70	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/05/82-07/05/94	2 ##	17.75	17.75	35.	0.5	595.125	24.395	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/05/82-07/05/94	2 ##	0.622	0.622	1.544	-0.301	1.702	1.305	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.183								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/05/82-10/23/95	31	8.1	9.497	35.24	1.2	43.837	6.621	2.484	5.56	11.49	17.234
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/24/90-10/23/95	22	3.01	3.062	8.56	0.25	4.437	2.106	0.773	1.315	3.913	6.913
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	10/05/82-07/19/83	4	5.475	5.123	8.21	1.33	8.134	2.852	**	**	**	**
32224	PHEOPHYTIN A MG/M2 SPECTROPHOTOMETRIC ACID METH	01/05/87-07/20/87	3	1.87	2.783	5.74	0.74	6.876	2.622	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	11/09/92-11/09/92	1 ##	16.	16.	16.	16.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/13/72-12/13/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/04/83-11/09/92	3 ##	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/04/83-11/09/92	2 ##	0.012	0.012	0.02	0.004	0.	0.012	**	**	**	**
81255	BOD, 33 DAY, 20 DEG C MG/L	12/07/83-12/07/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/90-10/23/95	21	9.	8.924	17.	1.5	18.876	4.345	3.1	5.	12.5	14.78

** - 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

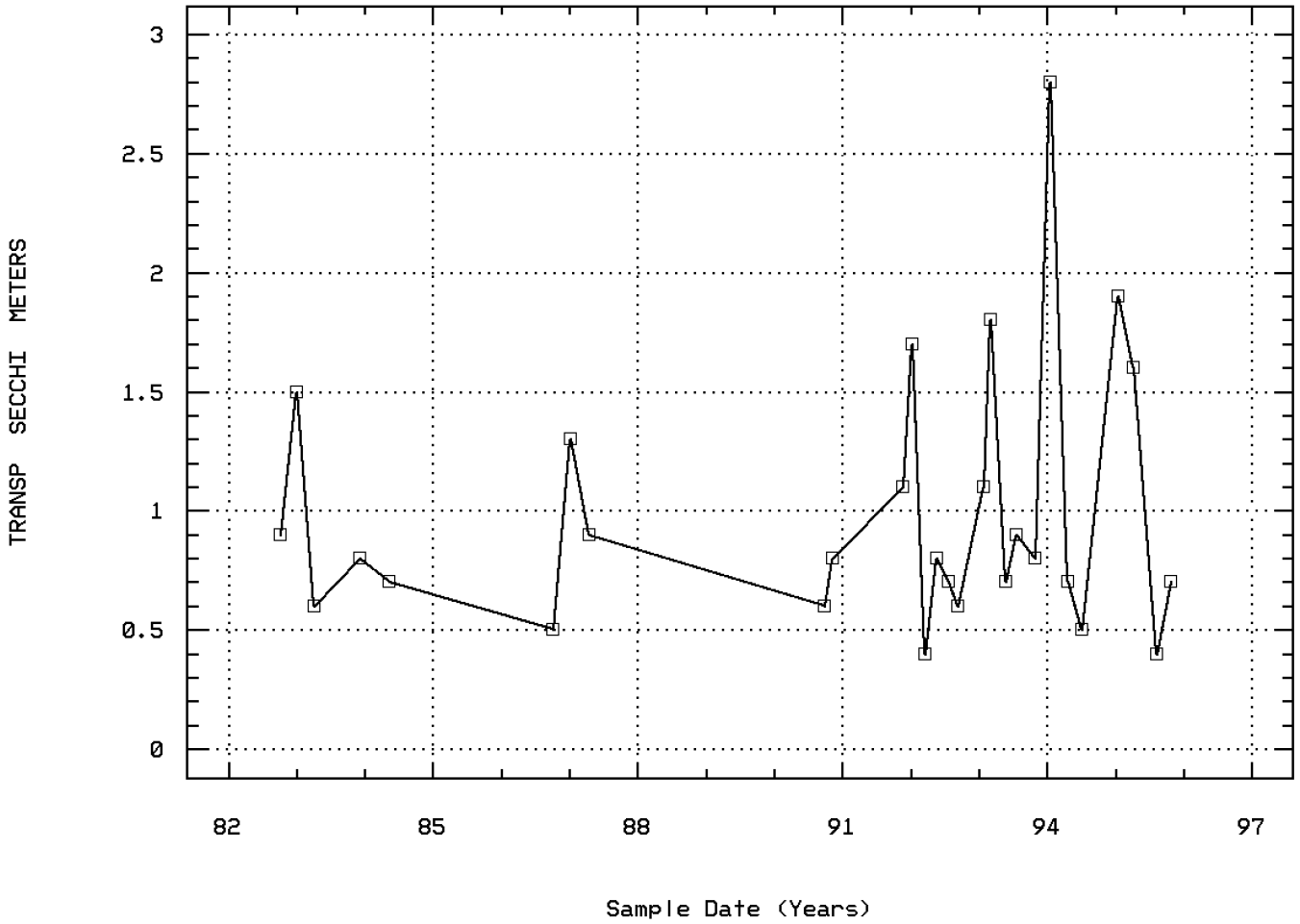
EPA Water Quality Criteria Analysis for Station: CANA0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	30	0	0.00	9	0	0.00	7	0	0.00	7	0	0.00	7	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	32	0	0.00	10	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	32	0	0.00	10	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	25	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	25	1	0.04	7	0	0.00	5	0	0.00	7	0	0.00	6	1	0.17
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	3	0	0.00	1	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.	3	0	0.00	1	0	0.00	2	0	0.00						
01059	THALLIUM, TOTAL	Marine Acute	2130.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Marine Acute	0.12	0 &	0	0.00												
01092	ZINC, TOTAL	Marine Acute	95.	3	0	0.00	1	0	0.00	2	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.	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
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00							1	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	3	0	0.00	1	0	0.00	2	0	0.00						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	21	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	6	0	0.00

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

Station: CANA0058 Parameter Code: 00078

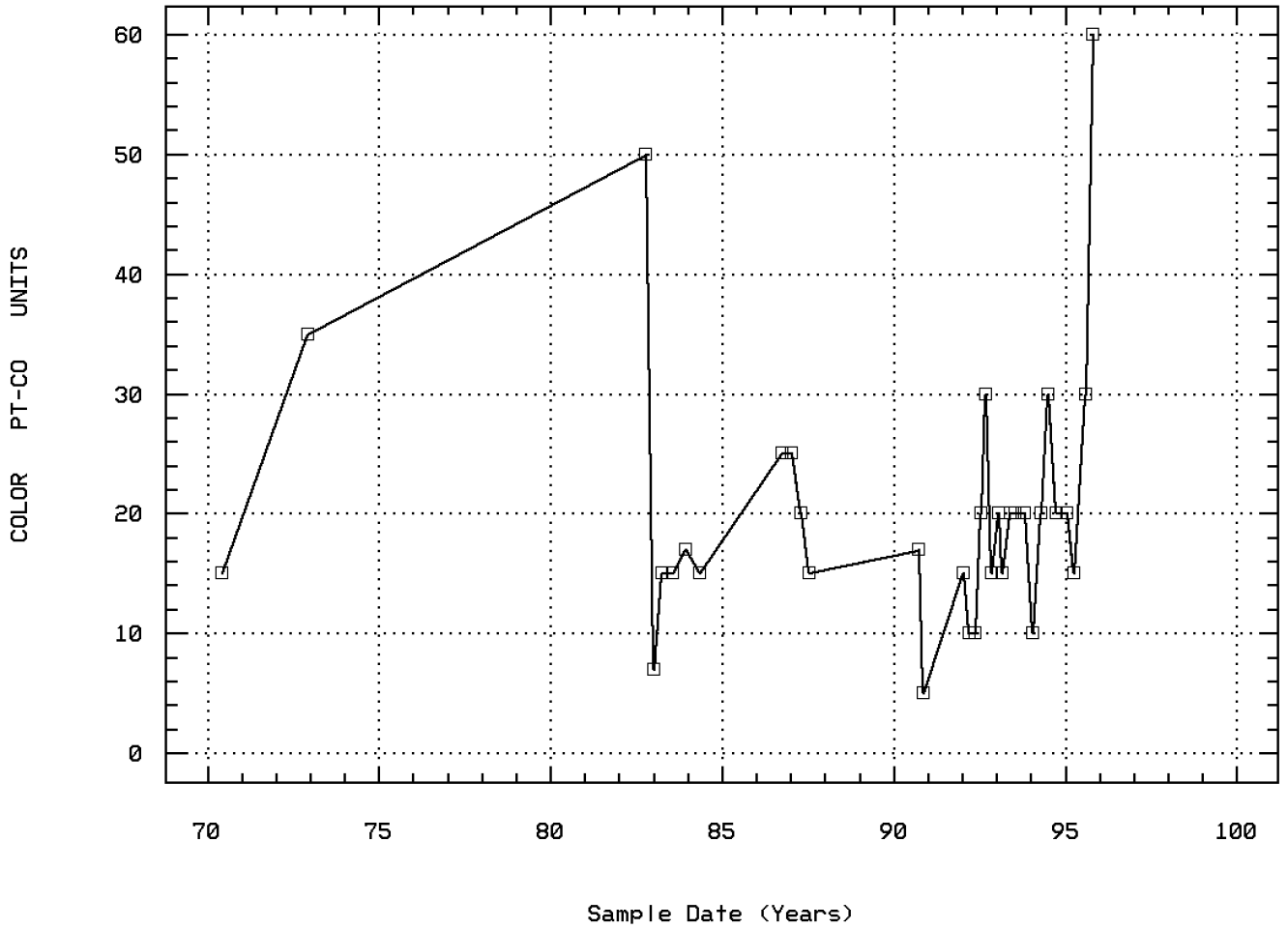
TRANSPARENCY, SECCHI DISC (METERS)



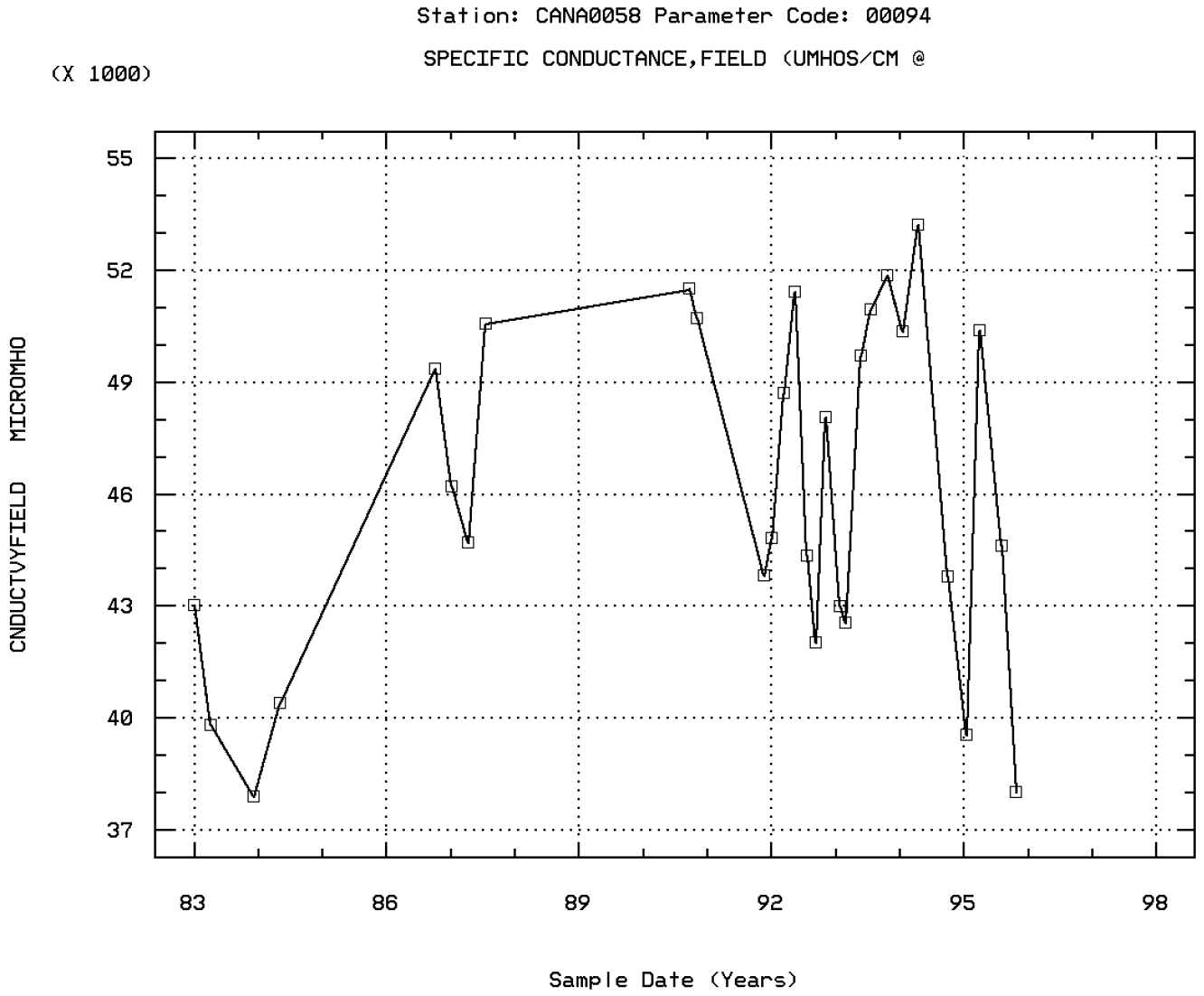
INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00080

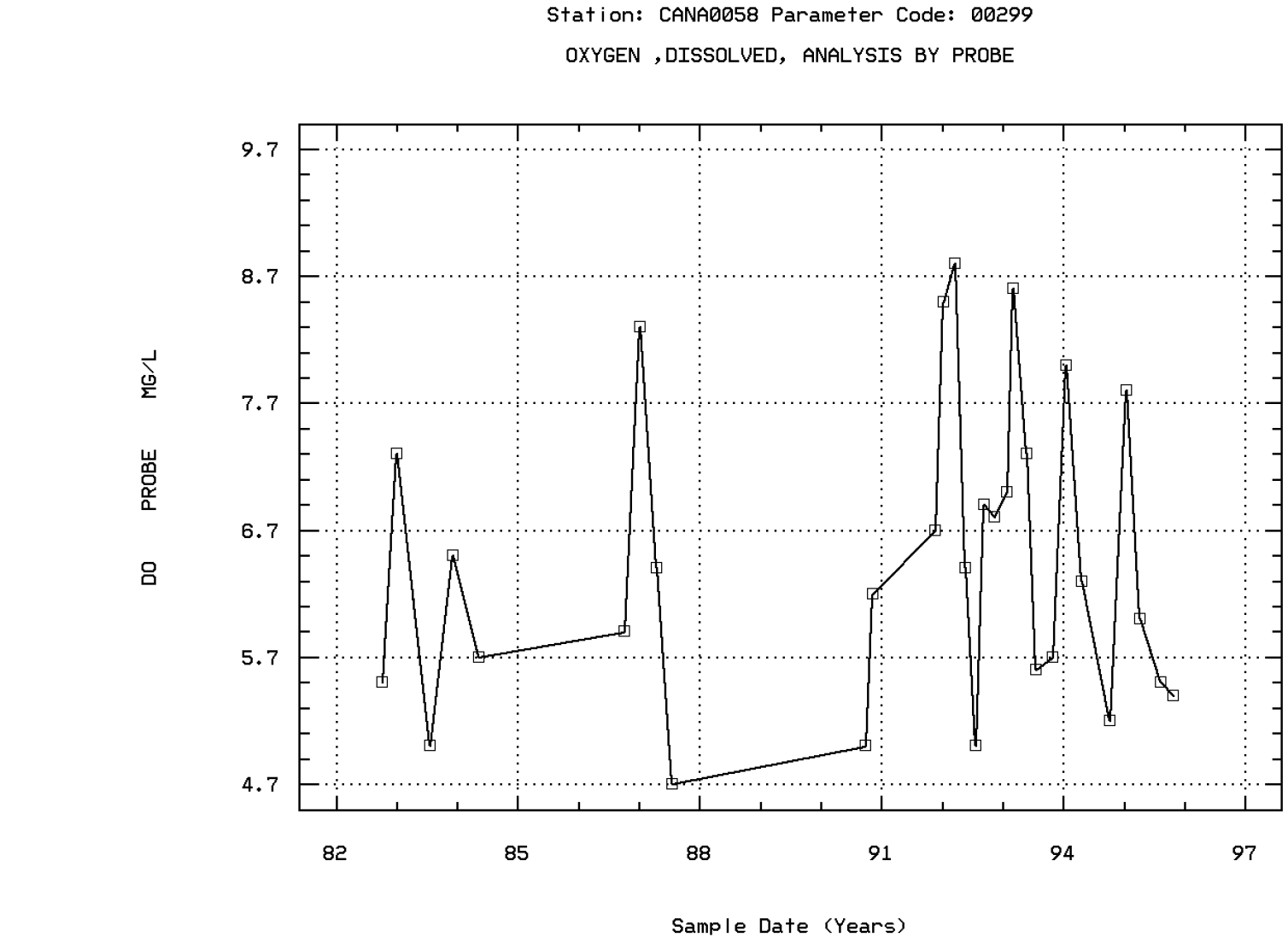
COLOR (PLATINUM-COBALT UNITS)



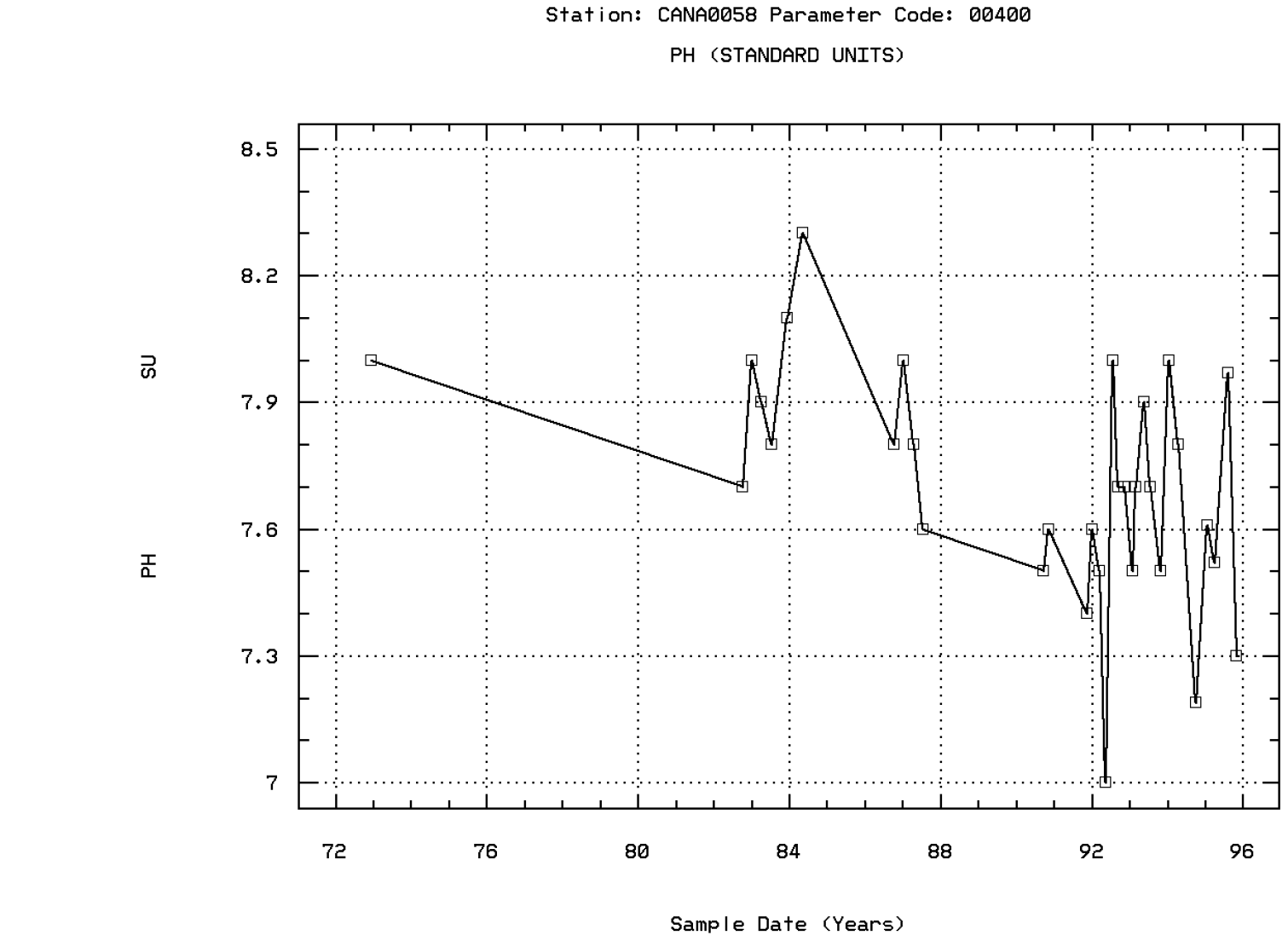
INDIAN RIV N ICW CHAN MARK 60



INDIAN RIV N ICW CHAN MARK 60



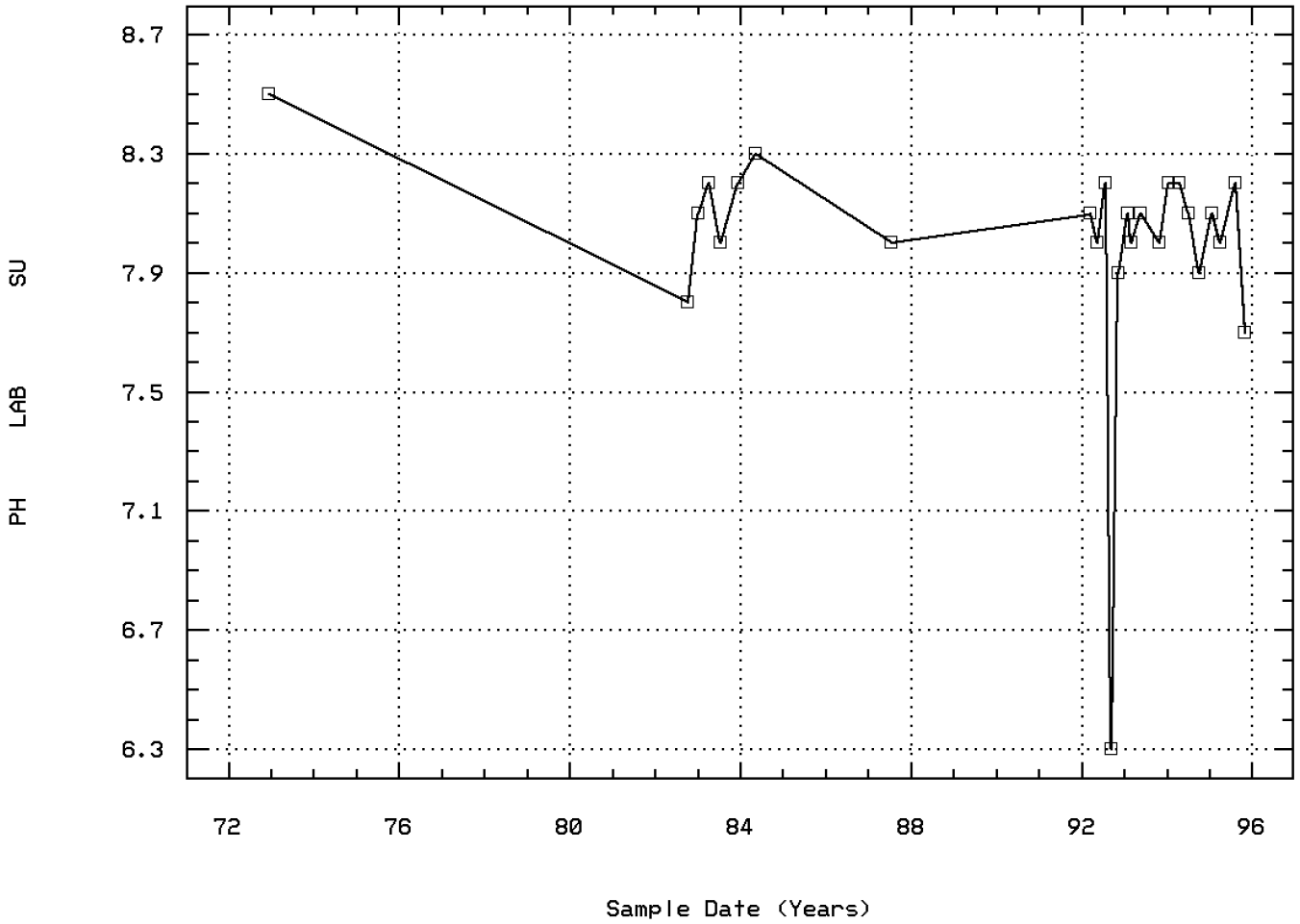
INDIAN RIV N ICW CHAN MARK 60



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00403

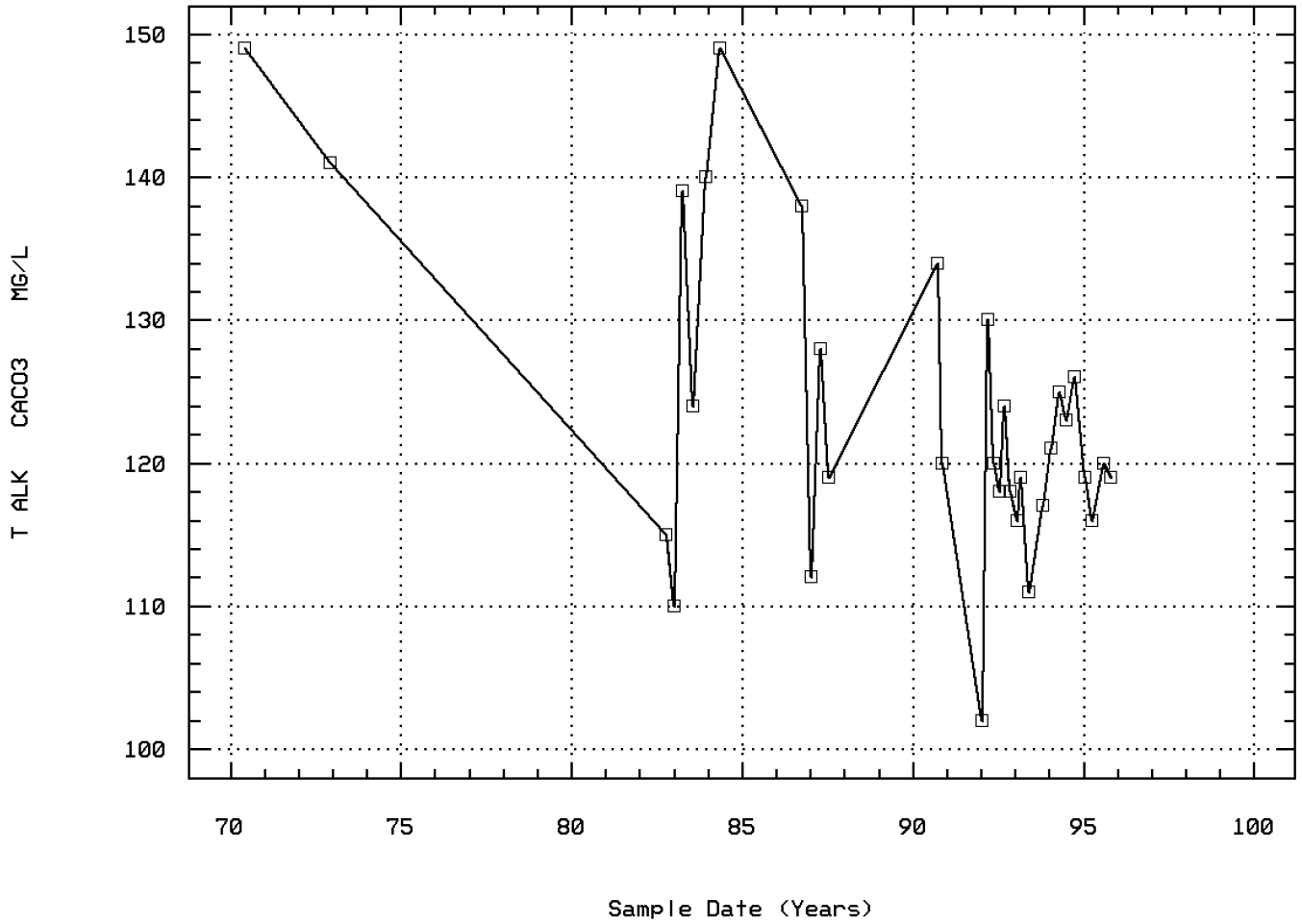
PH, LAB, STANDARD UNITS



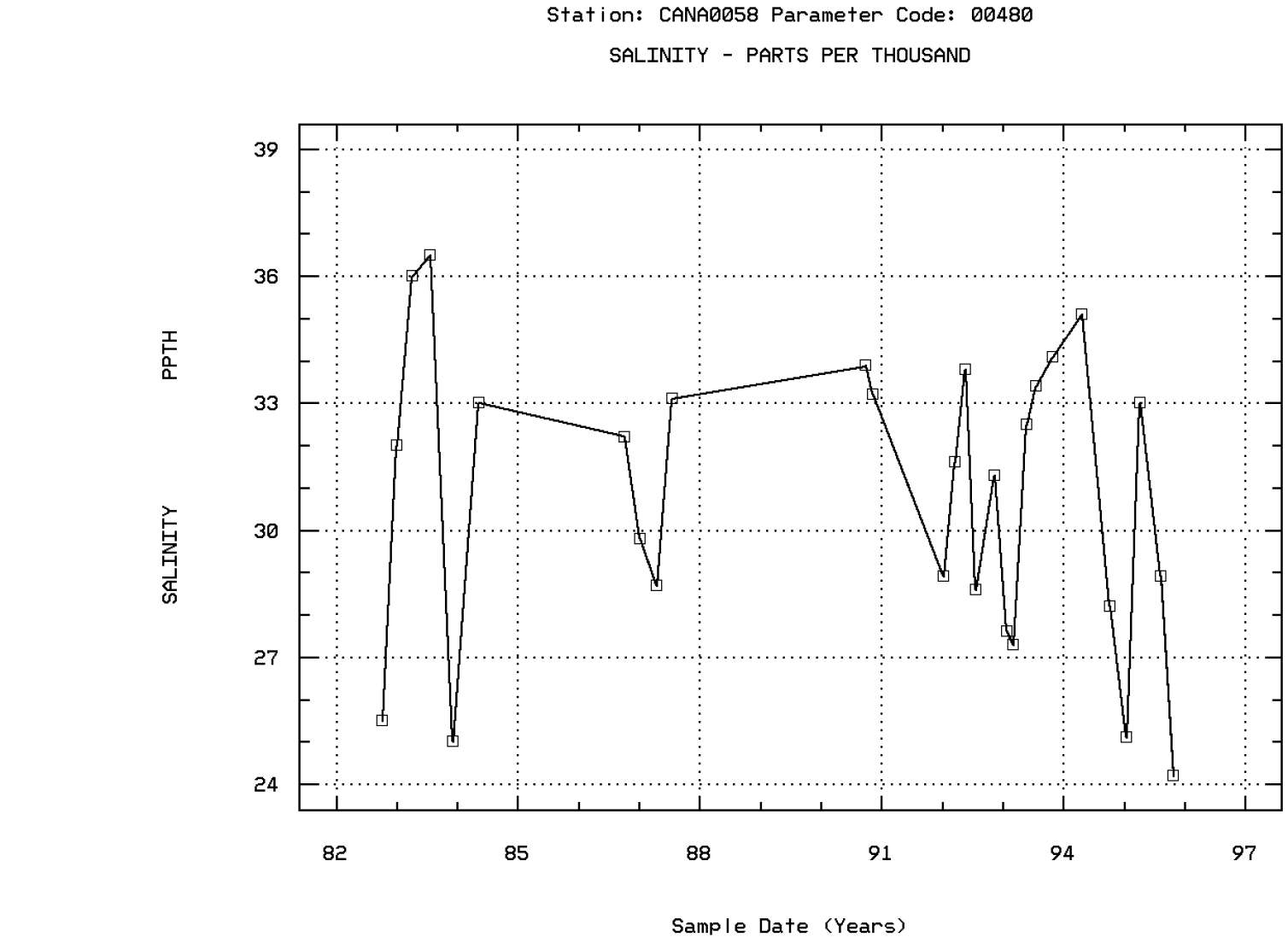
INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



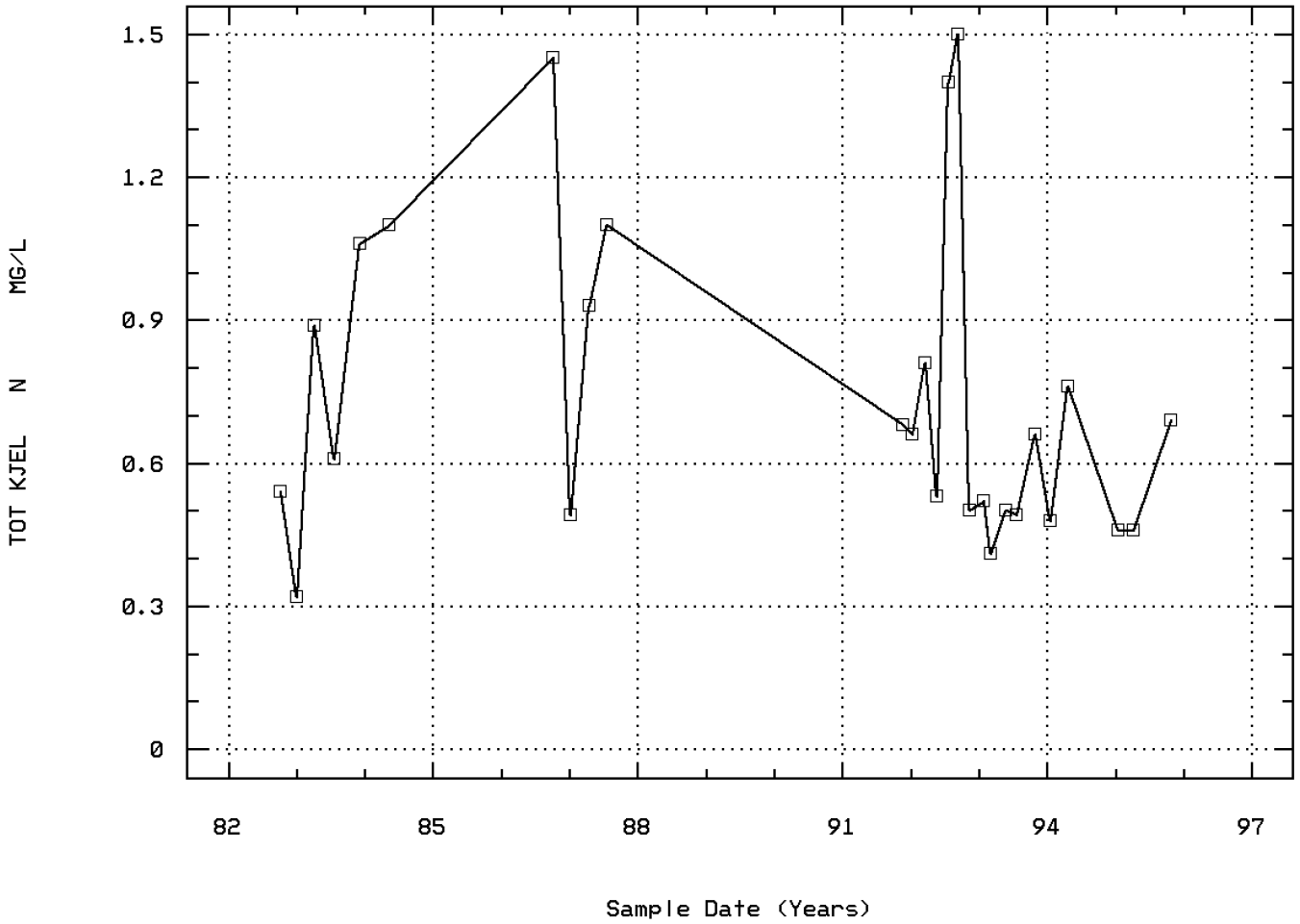
INDIAN RIV N ICW CHAN MARK 60



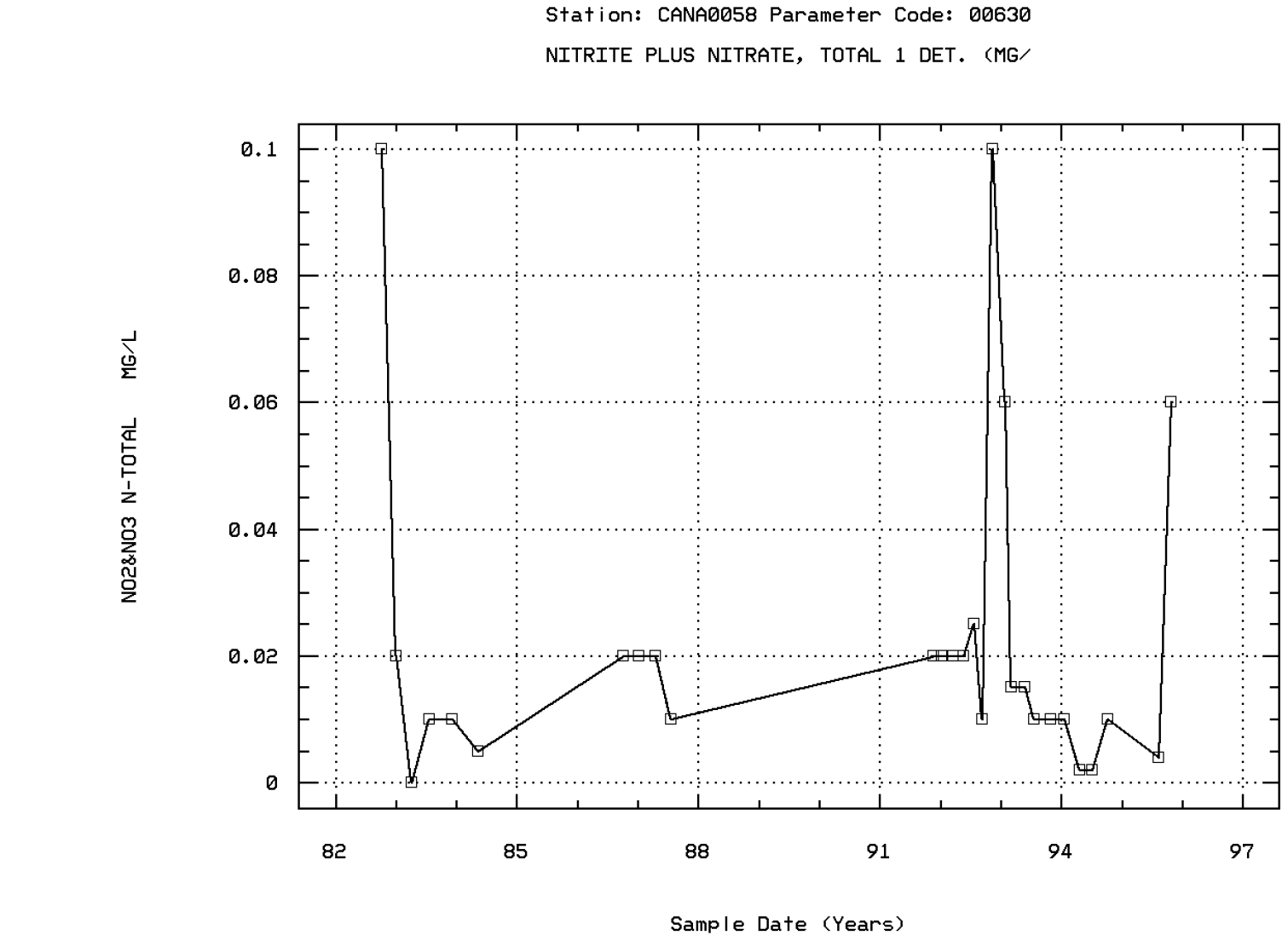
INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00625

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



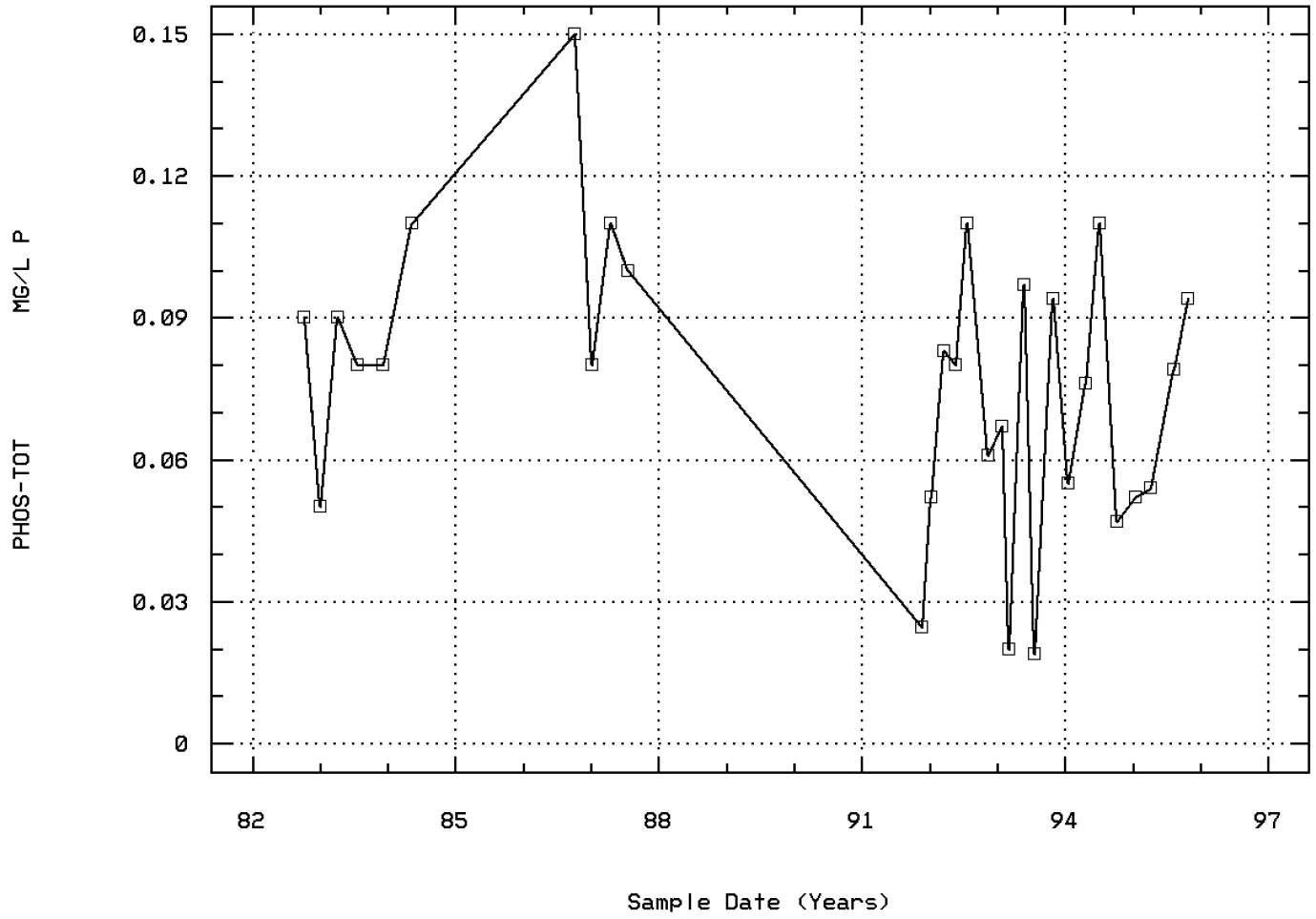
INDIAN RIV N ICW CHAN MARK 60



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00665

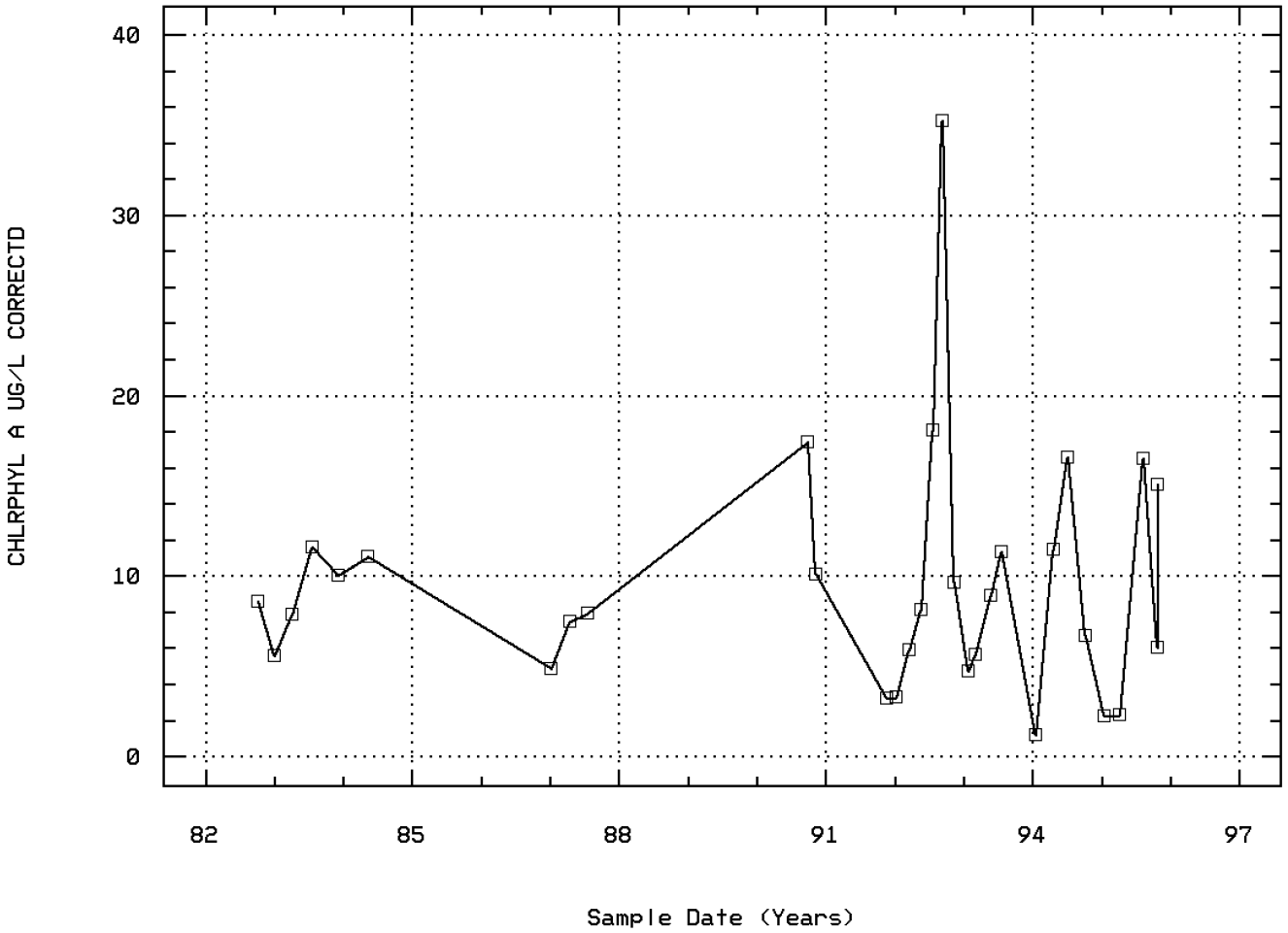
PHOSPHORUS, TOTAL (MG/L AS P)



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIV N ICW CHAN MARK 60

Seasonal Analysis for Season #1: 10/01 to 12/31 - Station CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-10/23/95	10	24.3	24.6	29.2	21.	8.26	2.874	21.04	21.625	26.95	29.08
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/82-10/23/95	9	25.6	24.333	28.	13.	22.39	4.732	13.	22.7	28.	28.
00032	CLOUD COVER (PERCENT)	10/05/82-10/23/95	9	25.	45.556	100.	0.	1384.028	37.203	0.	17.5	85.	100.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	10/05/82-10/23/95	10	0.85	0.85	1.1	0.5	0.029	0.172	0.52	0.775	1.	1.09
00080p	COLOR (PLATINUM-COBALT UNITS)	06/02/70-10/23/95	9	20.	27.444	60.	5.	313.778	17.714	5.	16.	42.5	60.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/82-10/23/95	9	5.9	5.989	6.8	5.2	0.346	0.588	5.2	5.45	6.6	6.8
00400p	PH (STANDARD UNITS)	12/13/72-10/23/95	10	7.65	7.629	8.1	7.19	0.086	0.292	7.201	7.375	7.85	8.09
00400p	CONVERTED PH (STANDARD UNITS)	12/13/72-10/23/95	10	7.647	7.545	8.1	7.19	0.093	0.305	7.201	7.375	7.85	8.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-10/23/95	10	0.023	0.028	0.065	0.008	0.	0.018	0.008	0.014	0.042	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-10/23/95	9	120.	126.	141.	115.	114.5	10.7	115.	117.5	139.	141.

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

Seasonal Analysis for Season #2: 1/01 to 3/14 - Station CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-10/23/95	7	15.6	16.257	20.	13.9	3.966	1.992	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/82-10/23/95	7	15.	15.071	18.	10.5	7.869	2.805	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/05/82-10/23/95	7	90.	67.857	100.	0.	1832.143	42.804	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	10/05/82-10/23/95	8	1.6	1.7	2.8	1.1	0.266	0.515	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	06/02/70-10/23/95	7	15.	16.	25.	7.	38.667	6.218	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/82-10/23/95	7	8.	7.929	8.6	7.	0.366	0.605	**	**	**	**
00400p	PH (STANDARD UNITS)	12/13/72-10/23/95	7	7.7	7.773	8.	7.5	0.048	0.22	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/13/72-10/23/95	7	7.7	7.727	8.	7.5	0.051	0.226	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-10/23/95	7	0.02	0.019	0.032	0.01	0.	0.009	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-10/23/95	7	116.	114.143	121.	102.	44.476	6.669	**	**	**	**

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

Seasonal Analysis for Season #3: 3/15 to 5/31 - Station CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-10/23/95	8	24.4	23.663	27.	18.9	9.52	3.085	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/82-10/23/95	8	24.75	23.438	27.	15.	14.103	3.755	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/05/82-10/23/95	8	7.5	26.875	85.	5.	1206.696	34.738	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	10/05/82-10/23/95	9	0.7	0.778	1.6	0.4	0.114	0.338	0.4	0.6	0.85	1.6
00080p	COLOR (PLATINUM-COBALT UNITS)	06/02/70-10/23/95	8	15.	15.625	20.	10.	17.411	4.173	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/82-10/23/95	7	6.4	6.7	8.8	5.7	1.1	1.049	**	**	**	**
00400p	PH (STANDARD UNITS)	12/13/72-10/23/95	8	7.8	7.715	8.3	7.	0.146	0.382	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/13/72-10/23/95	8	7.8	7.553	8.3	7.	0.176	0.419	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-10/23/95	8	0.016	0.028	0.1	0.005	0.001	0.03	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-10/23/95	8	126.5	127.25	149.	111.	152.5	12.349	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 9/30 - Station CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-10/23/95	8	29.75	29.213	32.	26.5	3.51	1.873	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/82-10/23/95	8	29.	28.863	36.	21.	16.494	4.061	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/05/82-10/23/95	8	25.	25.625	75.	0.	688.839	26.246	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	10/05/82-10/23/95	9	0.7	0.744	1.	0.4	0.055	0.235	0.4	0.55	1.	1.
00080p	COLOR (PLATINUM-COBALT UNITS)	06/02/70-10/23/95	9	20.	21.333	30.	15.	46.	6.782	15.	15.	30.	30.

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

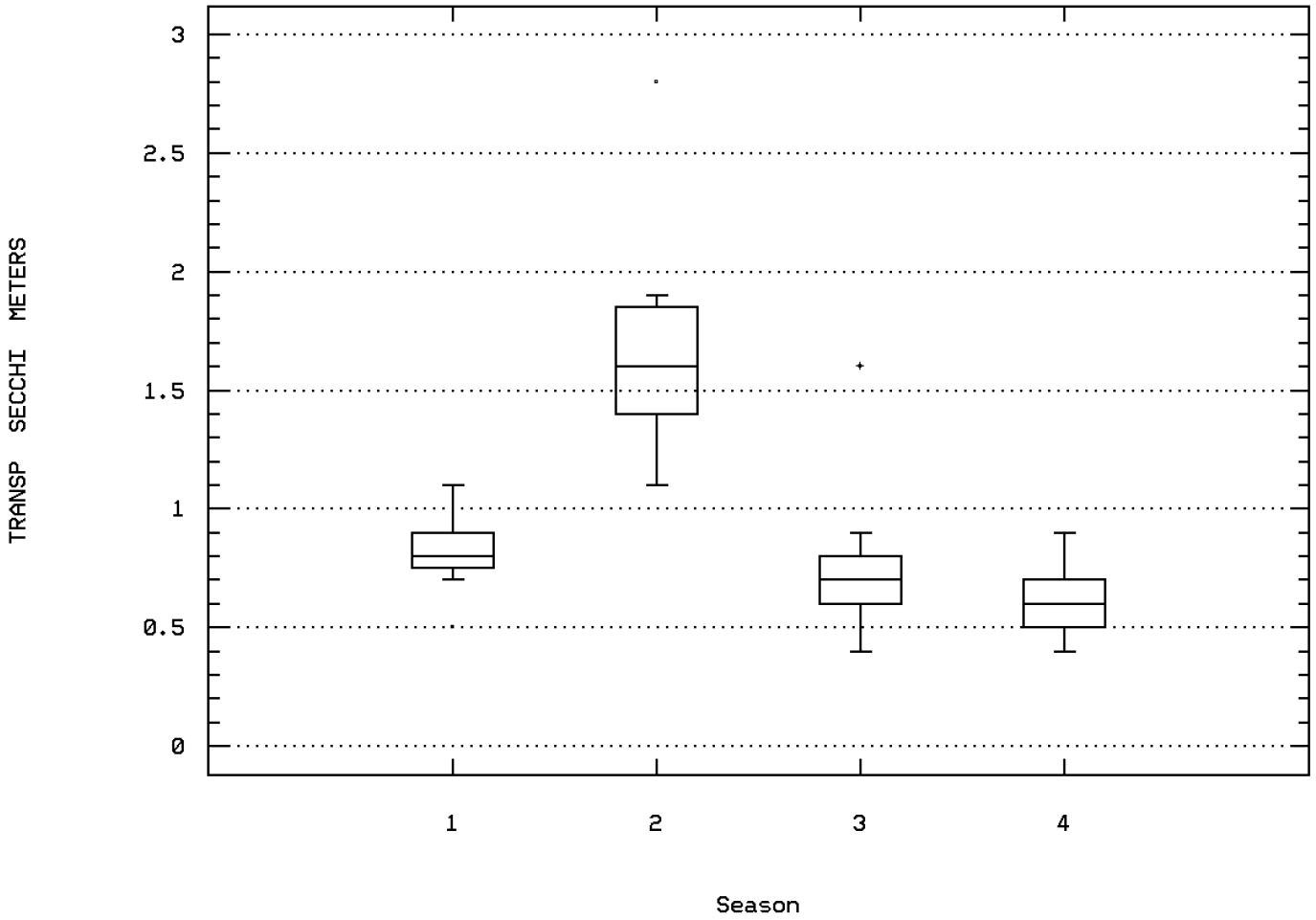
Seasonal Analysis for Season #4: 6/01 to 9/30 - Station CANA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/05/82-10/23/95	7	5.	5.386	6.9	4.7	0.545	0.738	**	**	**	**
00400p	PH (STANDARD UNITS)	12/13/72-10/23/95	7	7.7	7.753	8.	7.5	0.034	0.184	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/13/72-10/23/95	7	7.7	7.721	8.	7.5	0.035	0.187	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-10/23/95	7	0.02	0.019	0.032	0.01	0.	0.008	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-10/23/95	8	123.5	126.375	149.	118.	108.268	10.405	**	**	**	**

** - Less than 9 observations ## - Computed 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: CANA0058 Parameter Code: 00078

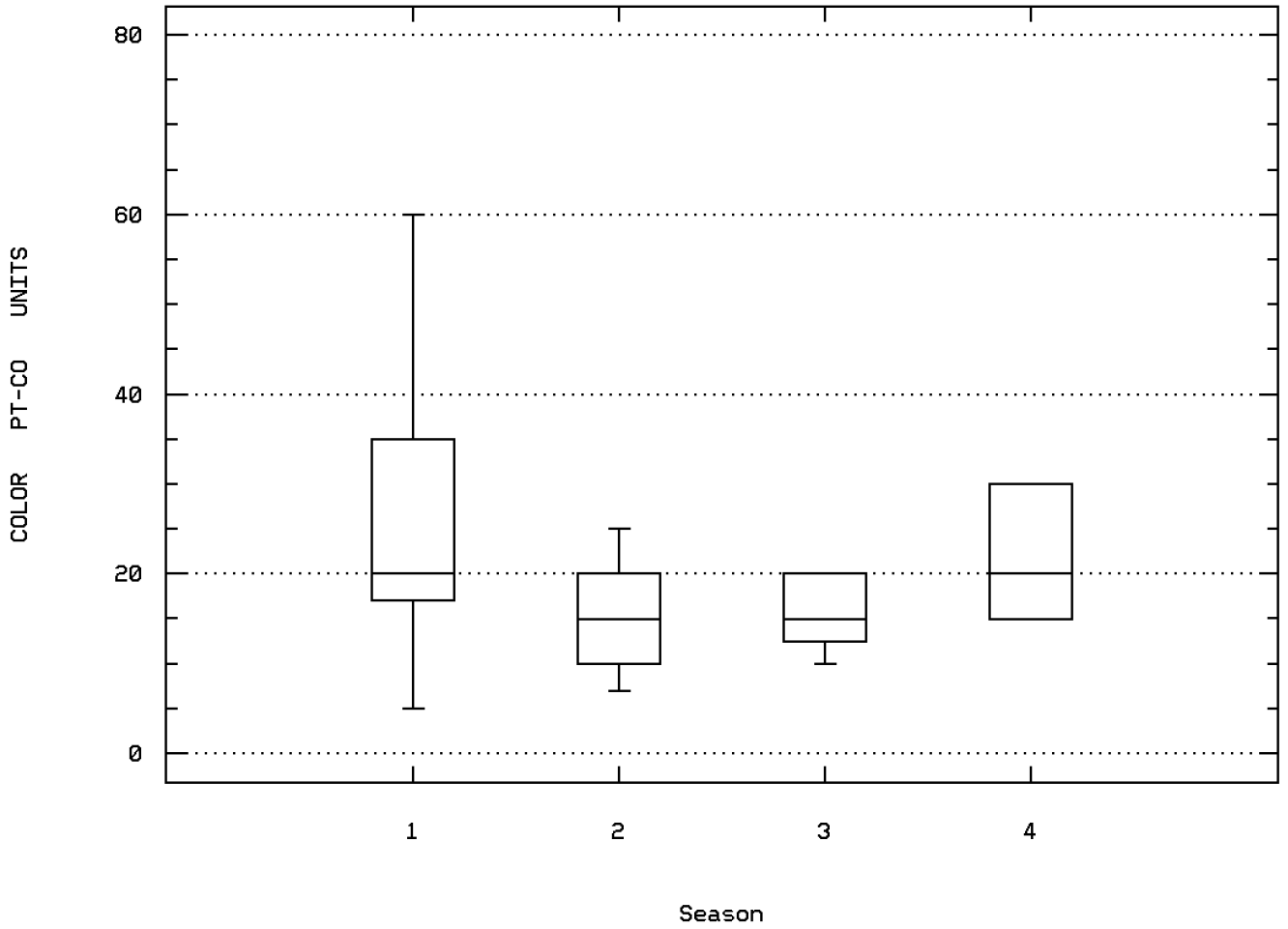
TRANSPARENCY, SECCHI DISC (METERS)



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00080

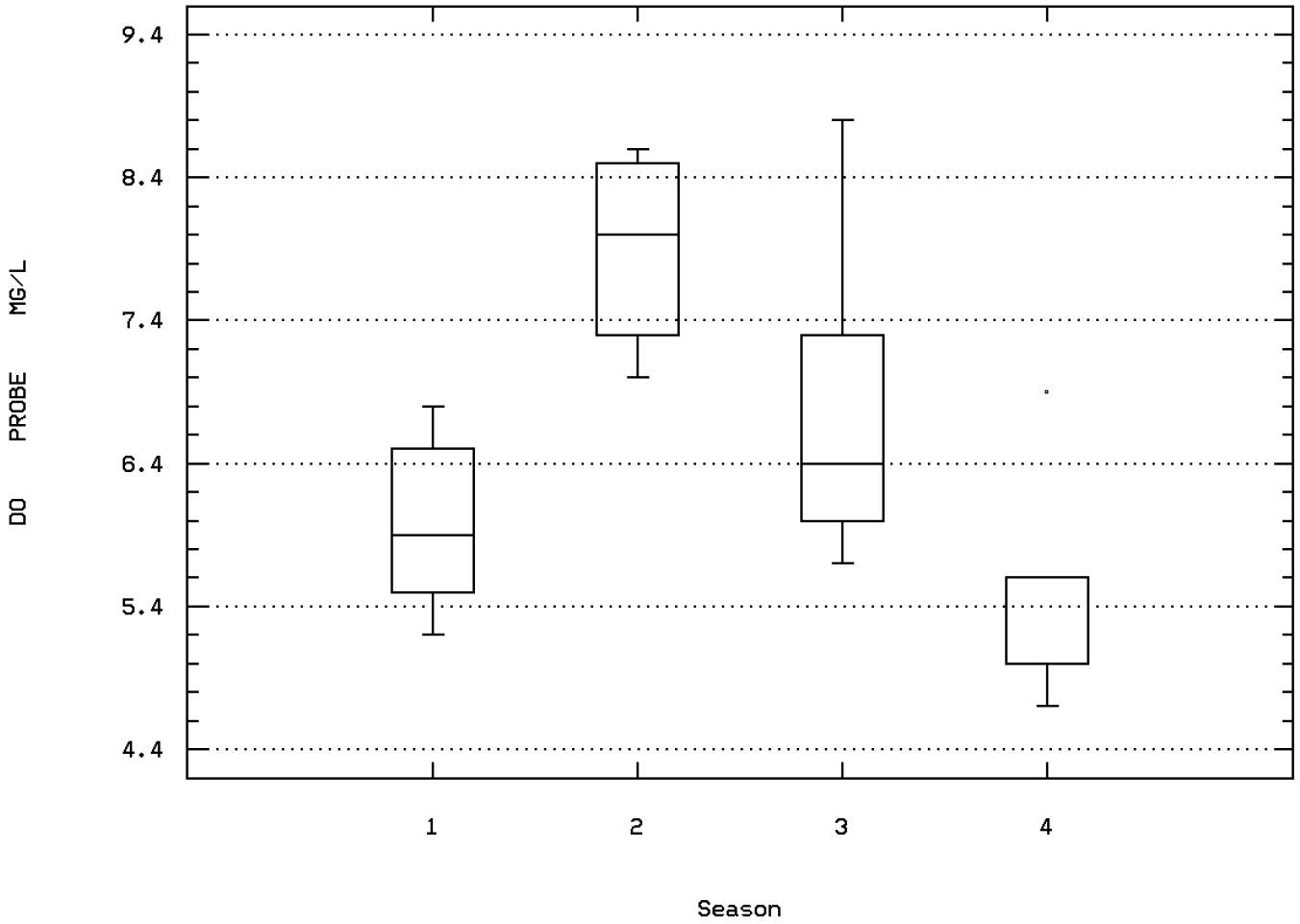
COLOR (PLATINUM-COBALT UNITS)



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00299

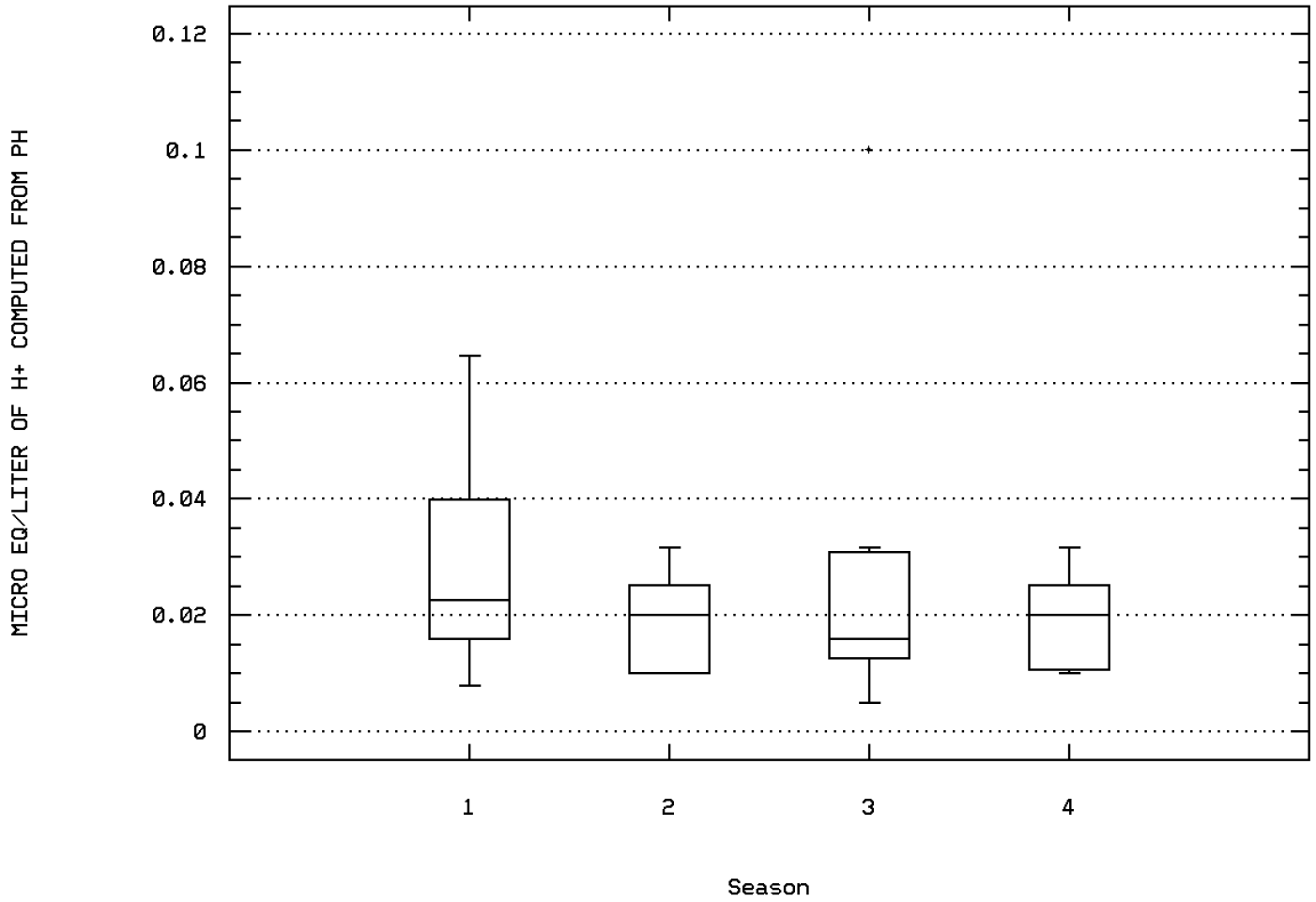
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00400

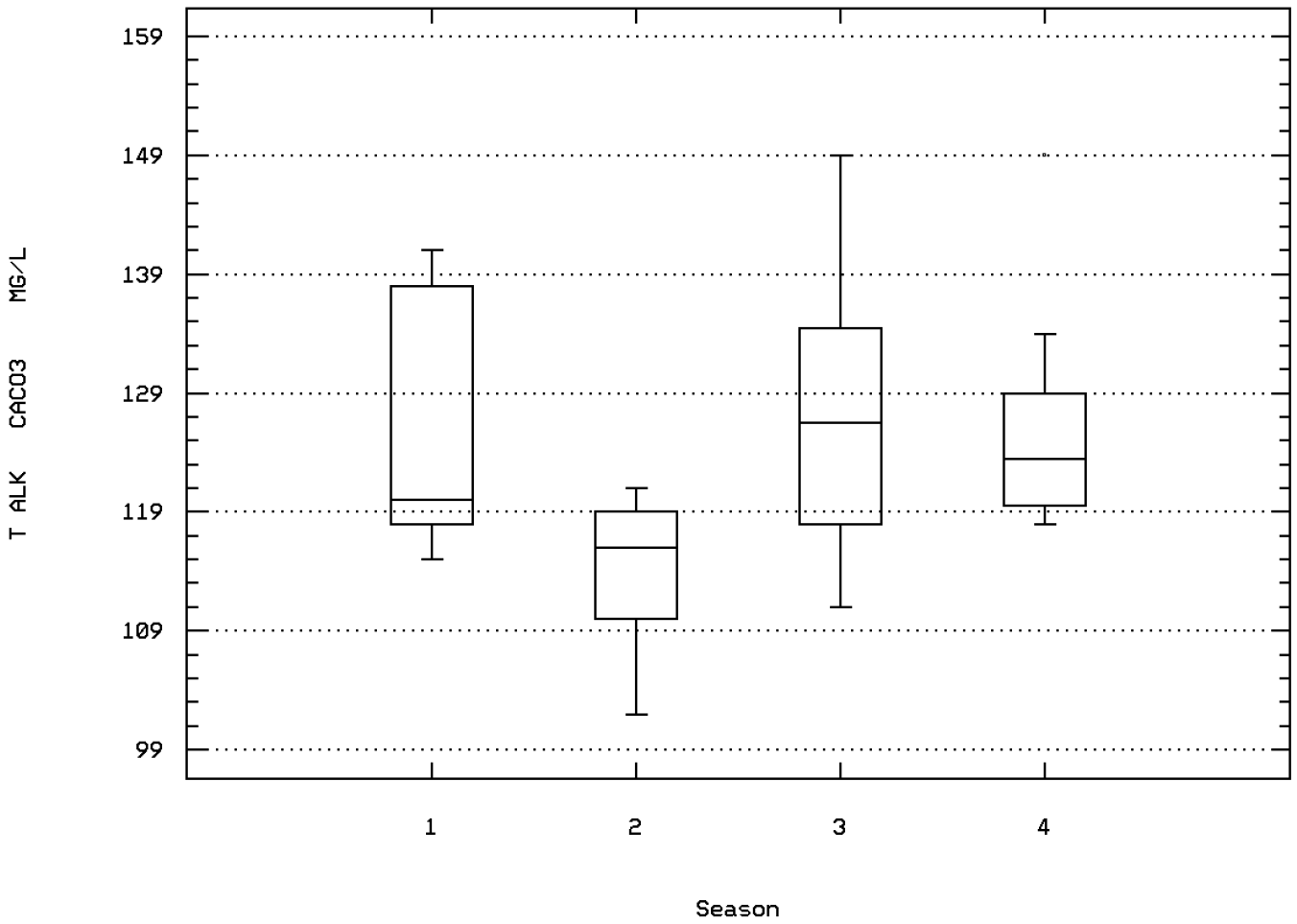
MICRO EQ/LITER OF H+ COMPUTED FROM PH



INDIAN RIV N ICW CHAN MARK 60

Station: CANA0058 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



INDIAN RIV N ICW CHAN MARK 60

Station Inventory for Station: CANA0059

NPS Station ID: CANA0059
LAT/LON: 28.956116/ -80.882226
Agency: 21FLVEMD
Date Created: 02/13/93
Location: INDIAN RIVER LAGOON AT ICWW CM 60
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CHANNEL MARKER 60 SOTH OF EDGEWATER STP POINT OF DISCHARGE

Parameter Inventory for Station: CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	61	25.4	24.341	31.2	15.	29.571	5.438	16.92	18.2	29.4	30.74
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	55	27.	25.9	35.5	13.2	34.885	5.906	16.04	21.	30.1	32.4
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	60	20.	32.167	100.	0.	998.345	31.597	0.	5.25	50.	89.4
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	60	8.	7.975	20.	3.	14.36	3.789	4.	5.	10.	12.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	60	6.75	6.827	16.	2.2	7.859	2.803	3.2	4.675	8.25	10.85
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	59	1.	0.99	2.	0.5	0.075	0.275	0.7	0.8	1.1	1.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	59	12.	14.339	45.	6.	51.849	7.201	9.	10.	15.	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	57	51400.	50357.895	59400.	38100.	19020338.346	4361.231	44200.	47950.	52900.	55060.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	60	1.7	1.66	2.8	0.8	0.23	0.479	1.	1.3	2.	2.29
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	61	6.3	6.536	9.5	4.2	1.491	1.221	4.82	5.85	7.2	8.66
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	59	7.87	7.838	8.33	7.32	0.045	0.212	7.5	7.71	7.99	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	59	7.87	7.784	8.33	7.32	0.048	0.219	7.5	7.71	7.99	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	59	0.013	0.016	0.048	0.005	0.	0.009	0.008	0.01	0.019	0.032
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	61	33.9	33.339	39.8	24.2	10.711	3.273	28.8	31.8	35.25	37.94
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	56	18.	17.643	36.	3.	62.088	7.88	7.7	12.	24.	28.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/16/95	16	0.011	0.024	0.1	0.004	0.001	0.026	0.005	0.007	0.04	0.072
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/16/95	44	1.005	1.078	1.8	0.43	0.12	0.346	0.6	0.805	1.3	1.6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	57	0.01	0.016	0.1	0.001	0.	0.015	0.01	0.01	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/16/95	47	0.08	0.077	0.13	0.01	0.001	0.027	0.04	0.06	0.1	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	55	0.015	0.018	0.05	0.001	0.	0.011	0.008	0.01	0.021	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	56	17.5	32.545	200.	2.5	1539.884	39.241	5.	5.	40.	86.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	56	1.239	1.245	2.301	0.398	0.243	0.493	0.699	0.699	1.602	1.937
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.565								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	55	5.	64.864	2930.	2.5	155031.81	393.741	2.5	5.	15.	35.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	55	0.699	0.921	3.467	0.398	0.272	0.522	0.398	0.699	1.176	1.544
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.331								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	54	15.	34.444	265.	2.5	2823.978	53.141	5.	5.	35.	77.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	54	1.176	1.229	2.423	0.398	0.244	0.494	0.699	0.699	1.544	1.889
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			16.963								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	33	9.08	8.804	16.35	1.19	14.813	3.849	4.004	5.645	11.905	13.908
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	64	7.72	8.417	20.7	0.98	20.857	4.567	3.5	4.708	11.55	14.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	32	0.	0.056	0.57	0.	0.015	0.124	0.	0.	0.055	0.224
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	33	1.34	1.335	3.09	0.26	0.484	0.696	0.442	0.815	1.795	2.342
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/16/95	33	1.62	2.14	16.5	0.27	7.532	2.744	0.51	0.875	2.28	3.668
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	08/10/92-01/11/93	4	-2.11	-1.965	-1.02	-2.62	0.536	0.732	**	**	**	**

** - 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: CANA0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	60	0	0.00	10	0	0.00	16	0	0.00	13	0	0.00	21	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	0	0.00	12	0	0.00	17	0	0.00	9	0	0.00	23	0	0.00
00400	PH	Other-Hi Lim.	9.	59	0	0.00	10	0	0.00	17	0	0.00	9	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	59	0	0.00	10	0	0.00	17	0	0.00	9	0	0.00	23	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	56	0	0.00	10	0	0.00	14	0	0.00	13	0	0.00	19	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	55	1	0.02	9	0	0.00	14	0	0.00	13	0	0.00	19	1	0.05
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	54	16	0.30	9	5	0.56	13	2	0.15	13	2	0.15	19	7	0.37

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

Annual Analysis for 1990 - Station CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	14	28.8	27.421	31.1	16.5	18.122	4.257	19.	25.25	30.4	31.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	10	29.5	28.41	34.	20.5	18.257	4.273	20.83	23.95	31.775	33.8
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	10	17.5	22.1	80.	0.	508.544	22.551	0.6	9.	30.	75.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	10	8.	8.3	18.	3.	18.9	4.347	3.	4.5	10.	17.2
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	10	8.65	8.87	16.	3.2	16.38	4.047	3.34	5.2	11.75	15.8
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	10	0.8	0.89	1.5	0.5	0.108	0.328	0.5	0.65	1.2	1.47
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	10	12.	12.3	16.	9.	4.233	2.058	9.1	11.5	13.5	15.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	10	54950.	54810.	59400.	51400.	9272111.111	3045.014	51420.	51600.	57800.	59240.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	10	1.9	1.97	2.8	1.2	0.225	0.474	1.23	1.65	2.275	2.77
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	14	6.35	6.529	7.4	6.	0.158	0.397	6.1	6.3	6.9	7.25
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	12	7.75	7.7	8.	7.4	0.055	0.234	7.4	7.425	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	12	7.747	7.643	8.	7.4	0.058	0.241	7.4	7.425	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	12	0.018	0.023	0.04	0.01	0.	0.012	0.01	0.013	0.038	0.04
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	14	37.35	36.55	39.8	33.9	4.72	2.172	33.9	33.975	38.5	39.15
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	10	23.	20.4	36.	3.	98.044	9.902	3.5	11.75	26.5	35.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	10	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.019
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	10	0.03	0.026	0.05	0.01	0.	0.015	0.01	0.01	0.04	0.049
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	9	5.	13.333	55.	5.	287.5	16.956	5.	5.	17.5	55.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	9	0.699	0.926	1.74	0.699	0.15	0.387	0.699	0.699	1.199	1.74
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.429								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	10	11.9	12.16	18.8	2.9	26.645	5.162	3.08	9.725	16.9	18.67

** - 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 box-and-whisker plot

Annual Analysis for 1991 - Station CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	13	24.7	23.323	30.2	16.9	25.009	5.001	16.94	17.85	28.1	29.72
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	13	29.	25.685	35.5	15.2	60.353	7.769	15.2	16.	32.5	34.5
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	13	30.	31.846	100.	0.	1164.308	34.122	0.	0.	50.	93.6
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	13	8.	7.769	15.	3.	11.526	3.395	3.8	5.	10.	13.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	13	6.3	6.292	8.5	4.1	2.394	1.547	4.22	4.65	7.7	8.5
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	12	0.9	0.975	1.3	0.8	0.031	0.176	0.8	0.8	1.1	1.27
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	13	14.	16.462	33.	6.	69.103	8.313	6.8	10.	24.5	30.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	13	50300.	49861.538	54900.	38200.	19835897.436	4453.751	40840.	48500.	53450.	54460.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	13	1.6	1.546	2.3	0.8	0.339	0.583	0.8	0.9	2.05	2.26
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	13	6.6	7.177	9.5	5.2	2.24	1.497	5.32	5.85	8.85	9.34
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	13	7.8	7.836	8.2	7.45	0.059	0.244	7.51	7.63	8.1	8.16
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	13	7.8	7.776	8.2	7.45	0.063	0.252	7.51	7.63	8.1	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	13	0.016	0.017	0.035	0.006	0.	0.009	0.007	0.008	0.023	0.031
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	13	33.1	32.723	36.5	24.2	10.612	3.258	26.12	31.75	35.35	36.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	13	13.	14.846	28.	6.	37.808	6.149	7.2	11.5	16.5	27.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	13	0.01	0.015	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.032
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	13	0.02	0.018	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	11	5.	27.273	200.	5.	3351.818	57.895	5.	5.	20.	166.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	11	0.699	1.013	2.301	0.699	0.267	0.517	0.699	0.699	1.301	2.136
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.315								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	12	7.15	7.942	13.8	3.5	11.848	3.442	3.68	5.25	10.7	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 1992 - Station CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	9	23.5	22.8	31.2	15.2	38.48	6.203	15.2	17.15	29.	31.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	7	25.	24.657	30.	16.4	27.1	5.206	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	9	40.	35.556	75.	0.	546.528	23.378	0.	15.	52.5	75.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	9	8.	9.444	20.	5.	28.778	5.364	5.	5.	13.5	20.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	9	7.2	7.	13.	2.2	12.898	3.591	2.2	3.5	9.8	13.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	9	0.9	1.133	2.	0.8	0.195	0.442	0.8	0.8	1.5	2.
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	9	12.	14.222	37.	8.	77.944	8.829	8.	9.5	14.5	37.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	9	51700.	50200.	53700.	42700.	10777500.	3282.91	42700.	48800.	51850.	53700.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	9	1.4	1.633	2.5	1.	0.215	0.464	1.	1.35	2.	2.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	9	6.5	6.978	8.8	5.4	1.564	1.251	5.4	5.85	8.05	8.8
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	9	8.	7.952	8.33	7.32	0.086	0.293	7.32	7.81	8.13	8.33
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	9	8.	7.846	8.33	7.32	0.098	0.313	7.32	7.81	8.13	8.33
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	9	0.01	0.014	0.048	0.005	0.	0.013	0.005	0.007	0.016	0.048
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	9	34.	32.933	35.5	27.5	5.545	2.355	27.5	32.05	34.15	35.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	9	20.	17.	30.	4.	76.	8.718	4.	7.5	22.	30.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	9	0.01	0.017	0.06	0.01	0.	0.017	0.01	0.01	0.015	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	9	0.02	0.018	0.03	0.01	0.	0.008	0.01	0.01	0.025	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	8	27.5	45.625	150.	5.	2881.696	53.681	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	8	1.423	1.343	2.176	0.699	0.358	0.599	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.012								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	9	7.3	9.244	20.7	2.3	47.068	6.861	2.3	3.65	15.1	20.7

** - 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 1993 - Station CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	5	19.7	19.8	25.1	15.	13.785	3.713	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	2	19.6	19.6	26.	13.2	81.92	9.051	**	**	**	**
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	5	50.	46.	100.	0.	1892.5	43.503	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	5	8.	7.6	10.	5.	6.3	2.51	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	5	6.2	5.86	6.8	4.9	0.738	0.859	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	5	1.	1.	1.3	0.7	0.05	0.224	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	5	12.	11.8	14.	8.	5.2	2.28	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	5	47700.	48020.	51800.	44500.	9227000.	3037.598	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	5	2.	1.68	2.2	1.	0.292	0.54	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	5	6.8	7.02	8.9	5.6	1.487	1.219	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	5	7.87	7.848	8.01	7.71	0.014	0.118	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	5	7.87	7.836	8.01	7.71	0.014	0.118	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	5	0.013	0.015	0.019	0.01	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	5	31.2	31.36	34.1	28.8	4.883	2.21	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	5	12.	13.2	18.	11.	7.7	2.775	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	4	0.014	0.013	0.02	0.006	0.	0.008	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	4 ##	0.002	0.007	0.021	0.001	0.	0.01	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	5	15.	38.	90.	10.	1382.5	37.182	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	5	1.176	1.389	1.954	1.	0.212	0.46	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.471								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	11	6.7	7.975	13.45	3.8	14.677	3.831	3.812	3.9	11.95	13.176

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

Annual Analysis for 1994 - Station CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	12	25.95	24.642	30.8	15.7	26.177	5.116	16.39	19.5	29.2	30.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	14	27.5	26.964	34.	19.3	21.516	4.639	20.	23.25	31.	32.5
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	14	10.	25.714	100.	1.	1018.066	31.907	2.5	8.75	35.	95.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	14	7.	7.964	18.	4.	14.326	3.785	4.	5.875	10.	15.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	14	7.15	6.843	11.6	3.1	4.978	2.231	3.8	5.025	8.15	10.35
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	14	0.8	0.879	1.1	0.7	0.017	0.131	0.7	0.8	1.	1.05
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	13	13.	16.	45.	9.	91.833	9.583	9.	10.5	18.	35.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	12	49700.	48491.667	52800.	41100.	14895378.788	3859.453	41670.	45275.	51800.	52800.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	14	1.7	1.607	2.	1.	0.104	0.322	1.05	1.425	1.825	2.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	12	5.9	5.925	7.7	4.6	1.017	1.008	4.66	4.9	6.9	7.52
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	12	7.93	7.892	7.99	7.73	0.01	0.1	7.736	7.77	7.978	7.987
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	12	7.93	7.881	7.99	7.73	0.01	0.101	7.736	7.77	7.978	7.987
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	12	0.012	0.013	0.019	0.01	0.	0.003	0.01	0.011	0.017	0.018
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	12	32.6	31.7	34.9	26.3	7.985	2.826	26.72	29.3	34.075	34.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	12	22.	22.083	36.	7.	53.538	7.317	9.1	18.5	25.75	33.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	13	0.01	0.021	0.1	0.001	0.001	0.025	0.003	0.01	0.025	0.072
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	10	0.015	0.017	0.044	0.004	0.	0.011	0.005	0.011	0.02	0.042
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	14	27.5	39.107	105.	2.5	1155.391	33.991	3.75	12.5	73.75	95.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	14	1.438	1.379	2.021	0.398	0.257	0.507	0.548	1.057	1.866	1.975
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.927								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	13	8.88	7.694	13.65	1.85	9.543	3.089	2.982	5.09	9.49	12.182

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

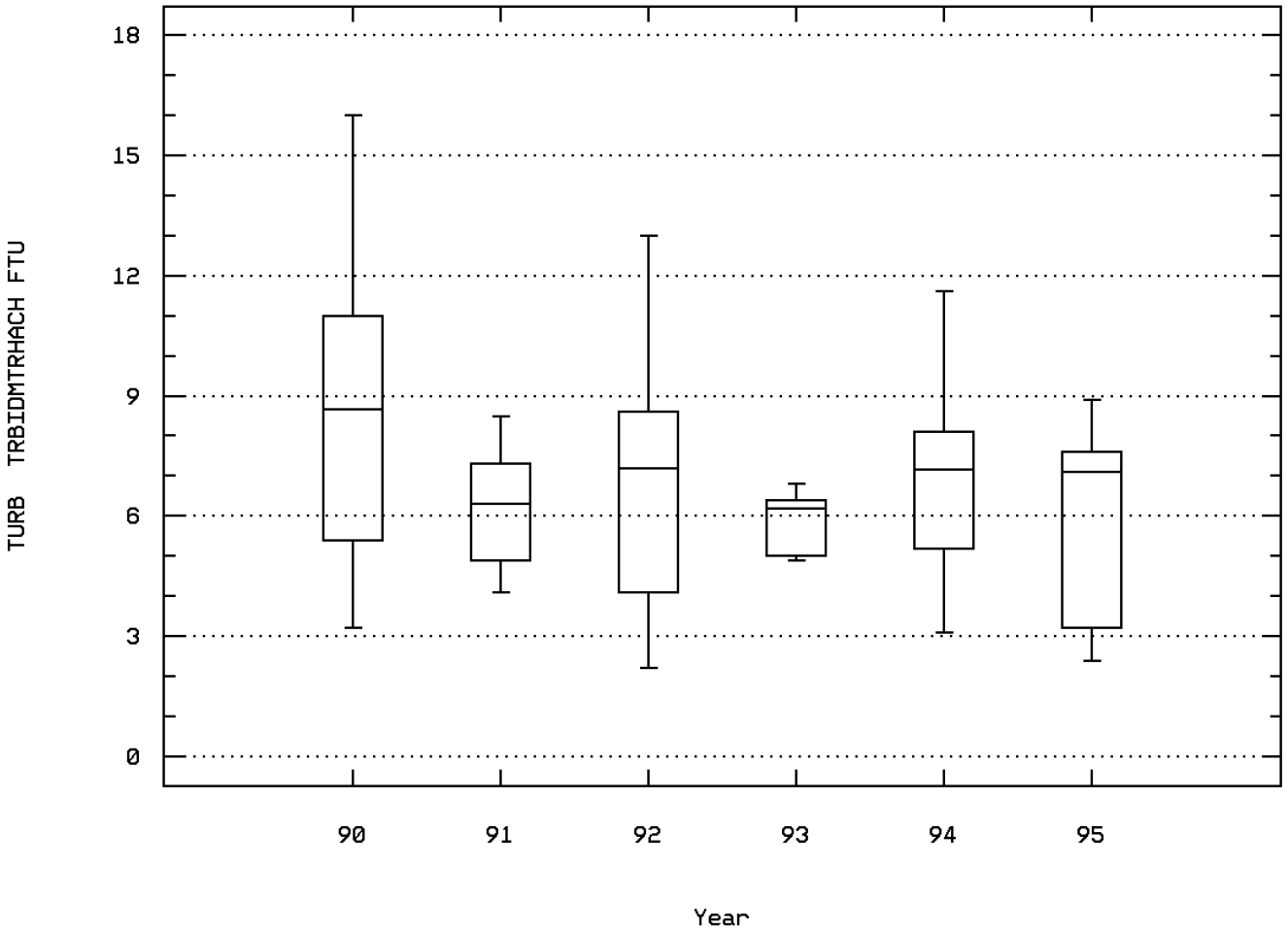
Annual Analysis for 1995 - Station CANA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	8	27.75	24.725	31.2	15.4	44.939	6.704	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	9	25.2	24.133	30.	14.	34.16	5.845	14.	18.5	29.5	30.
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	9	50.	42.778	100.	5.	1438.194	37.924	5.	5.	75.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	9	7.	6.667	10.	3.	7.5	2.739	3.	3.5	9.	10.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	9	7.1	5.667	8.9	2.4	6.773	2.602	2.4	3.15	7.95	8.9
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	9	1.	1.144	1.5	0.9	0.05	0.224	0.9	1.	1.4	1.5
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	9	10.	12.667	25.	9.	25.	5.	9.	10.	14.	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	8	51650.	50037.5	53500.	38100.	26442678.571	5142.245	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	9	1.5	1.578	2.4	1.	0.249	0.499	1.	1.25	1.95	2.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	8	5.15	5.625	7.7	4.2	1.639	1.28	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	8	7.84	7.83	8.01	7.68	0.01	0.101	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	8	7.84	7.82	8.01	7.68	0.01	0.102	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	8	0.014	0.015	0.021	0.01	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	8	34.05	32.875	35.4	24.2	13.988	3.74	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	7	18.	15.286	26.	8.	49.238	7.017	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	8	0.015	0.016	0.03	0.009	0.	0.008	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	9	0.012	0.013	0.025	0.006	0.	0.006	0.006	0.01	0.017	0.025
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	9	30.	33.333	60.	15.	300.	17.321	15.	17.5	50.	60.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	9	1.477	1.47	1.778	1.176	0.052	0.229	1.176	1.239	1.69	1.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.517								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	9	5.25	5.652	11.03	0.98	9.914	3.149	0.98	3.45	8.095	11.03

** - Less than 9 observations ## - Computed 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: CANA0059 Parameter Code: 00076

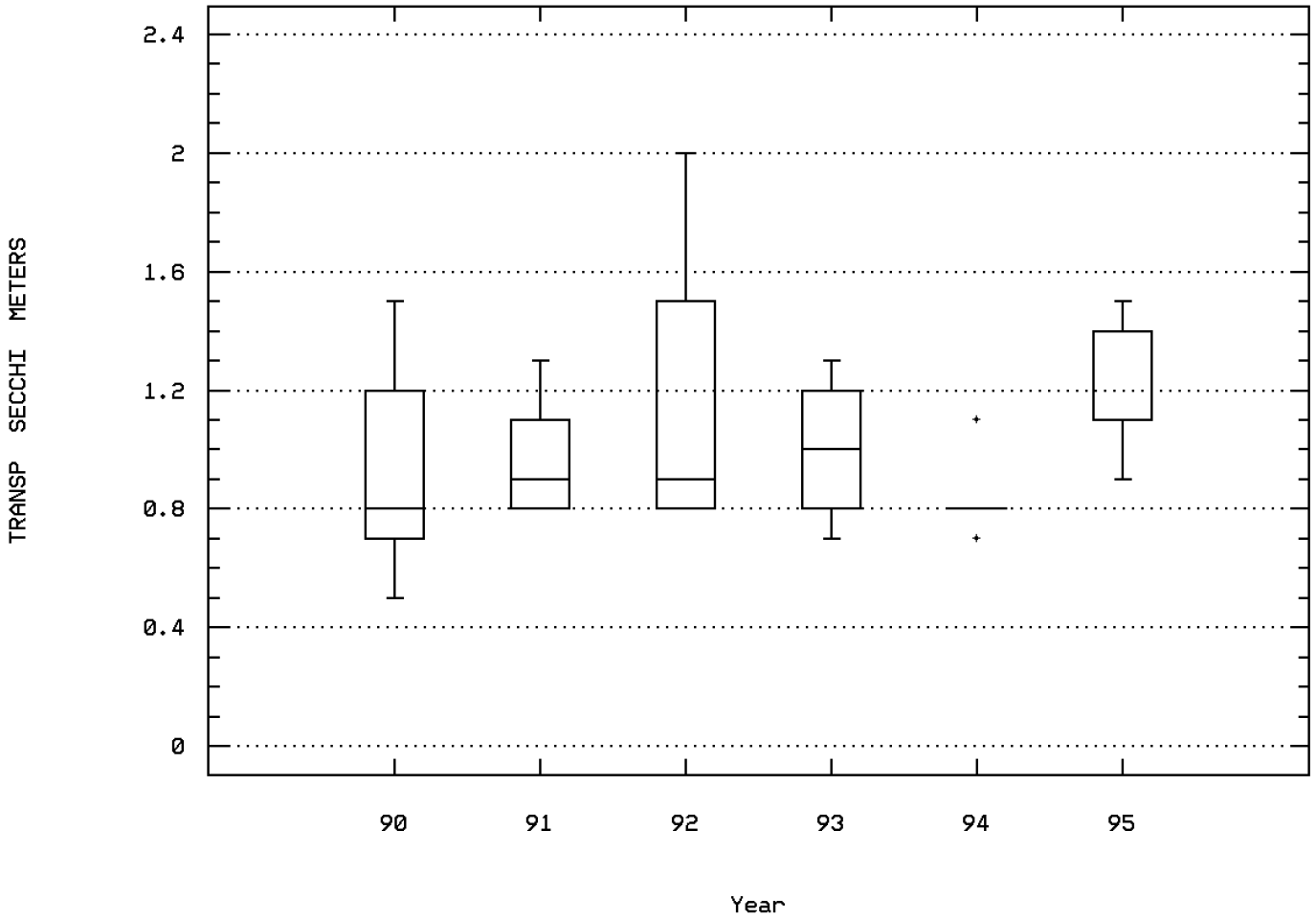
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



INDIAN RIVER LAGOON AT ICWW CM 60

Station: CANA0059 Parameter Code: 00078

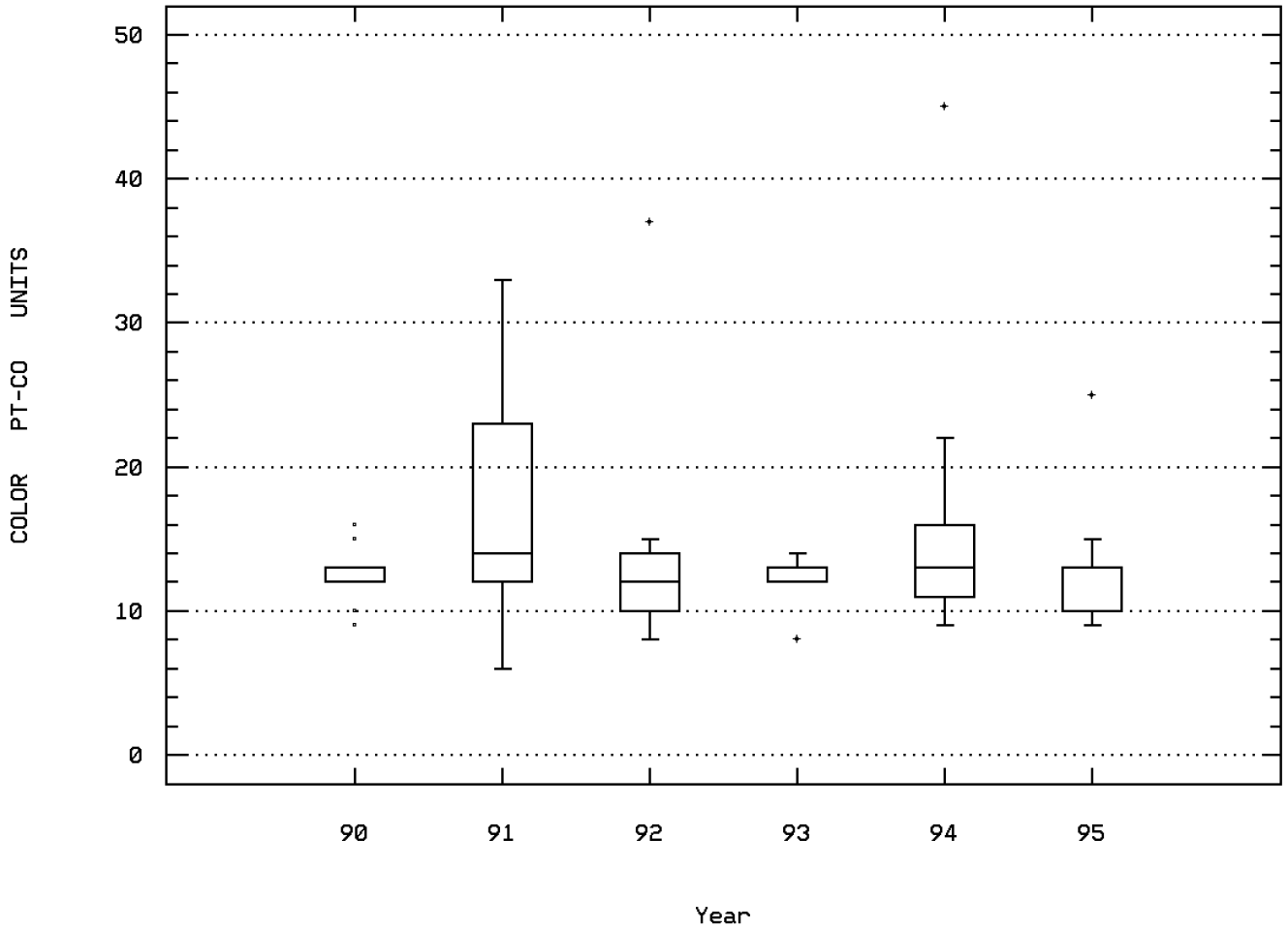
TRANSPARENCY, SECCHI DISC (METERS)



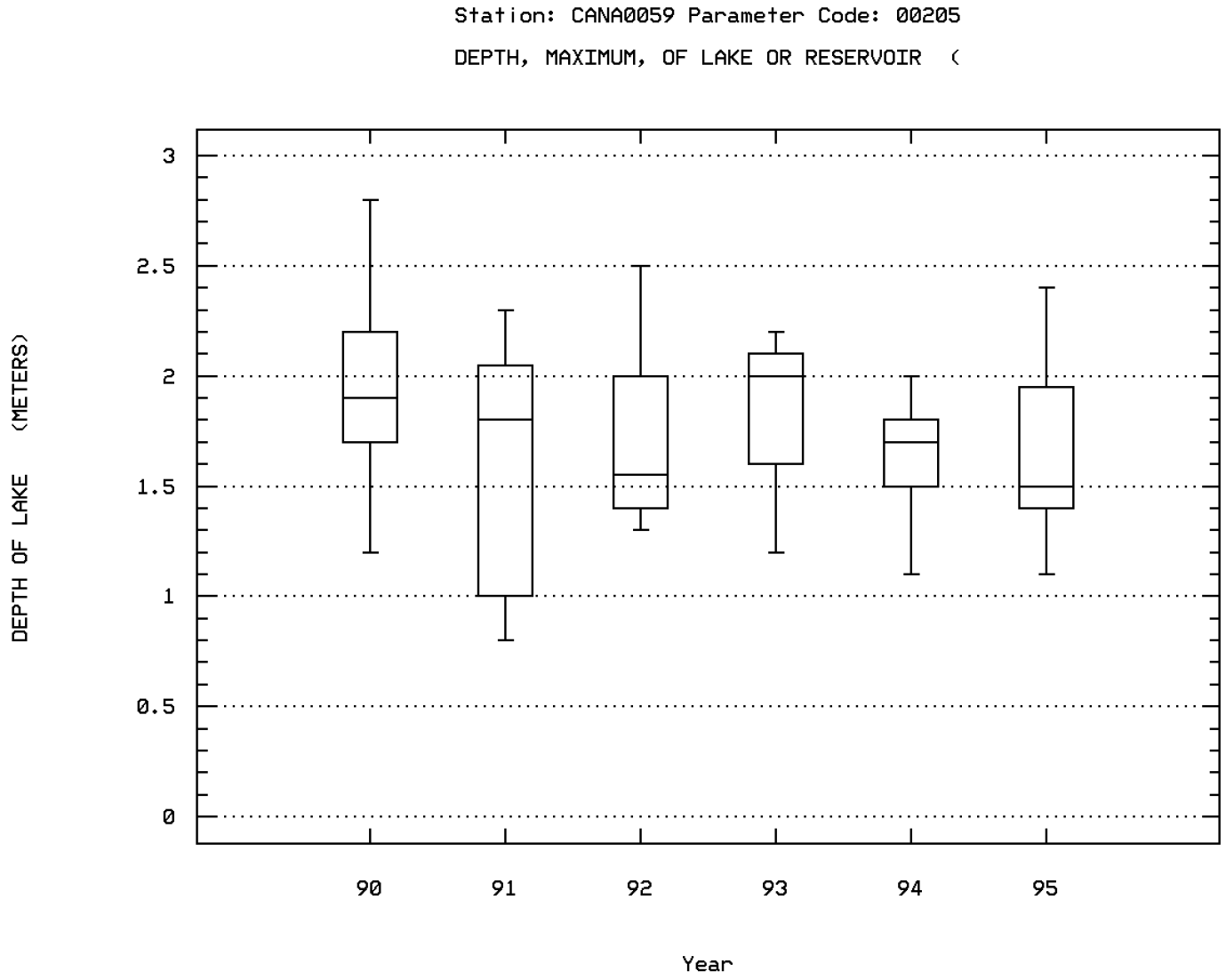
INDIAN RIVER LAGOON AT ICWW CM 60

Station: CANA0059 Parameter Code: 00080

COLOR (PLATINUM-COBALT UNITS)



INDIAN RIVER LAGOON AT ICWW CM 60

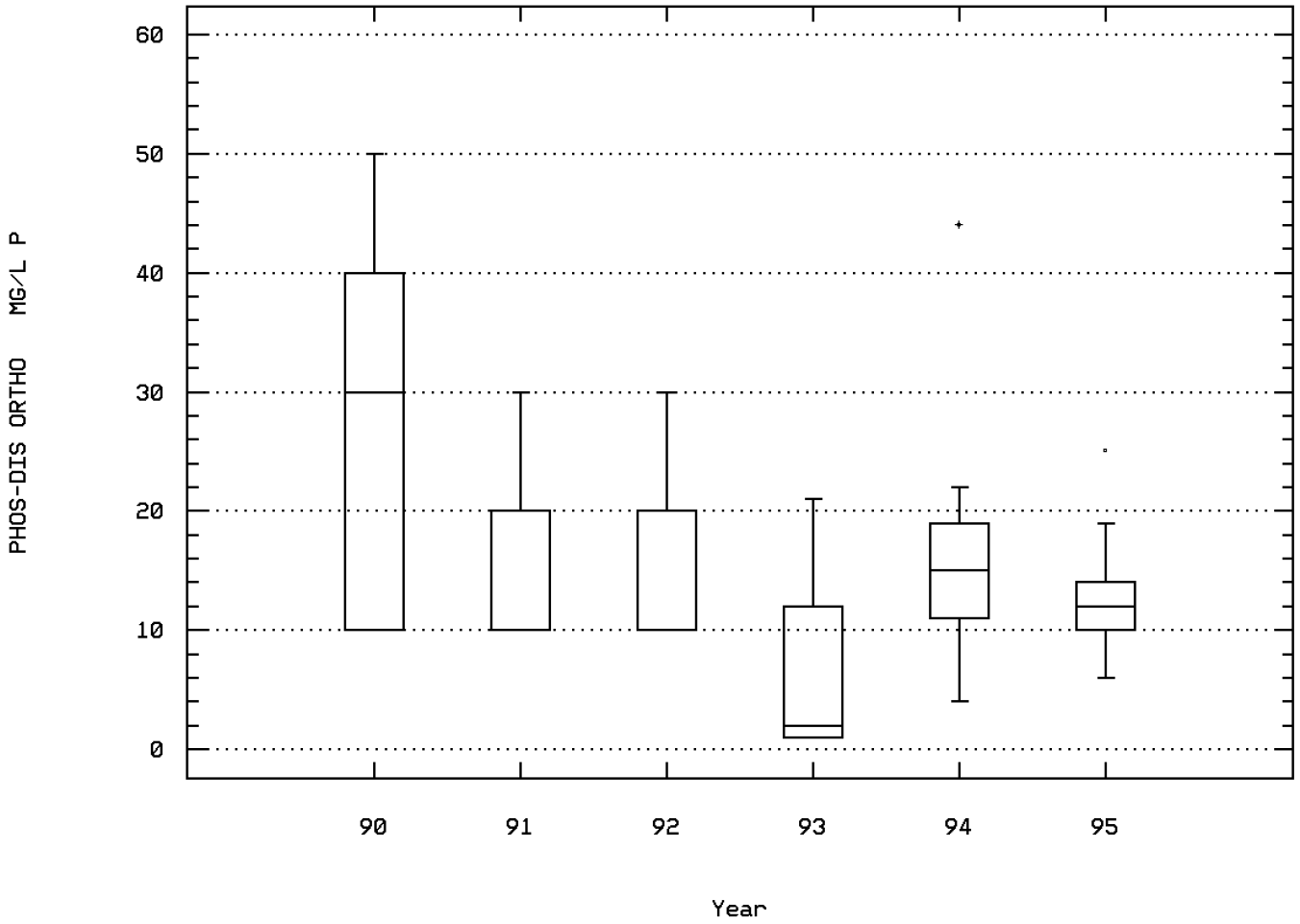


INDIAN RIVER LAGOON AT ICWW CM 60

Station: CANA0059 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M

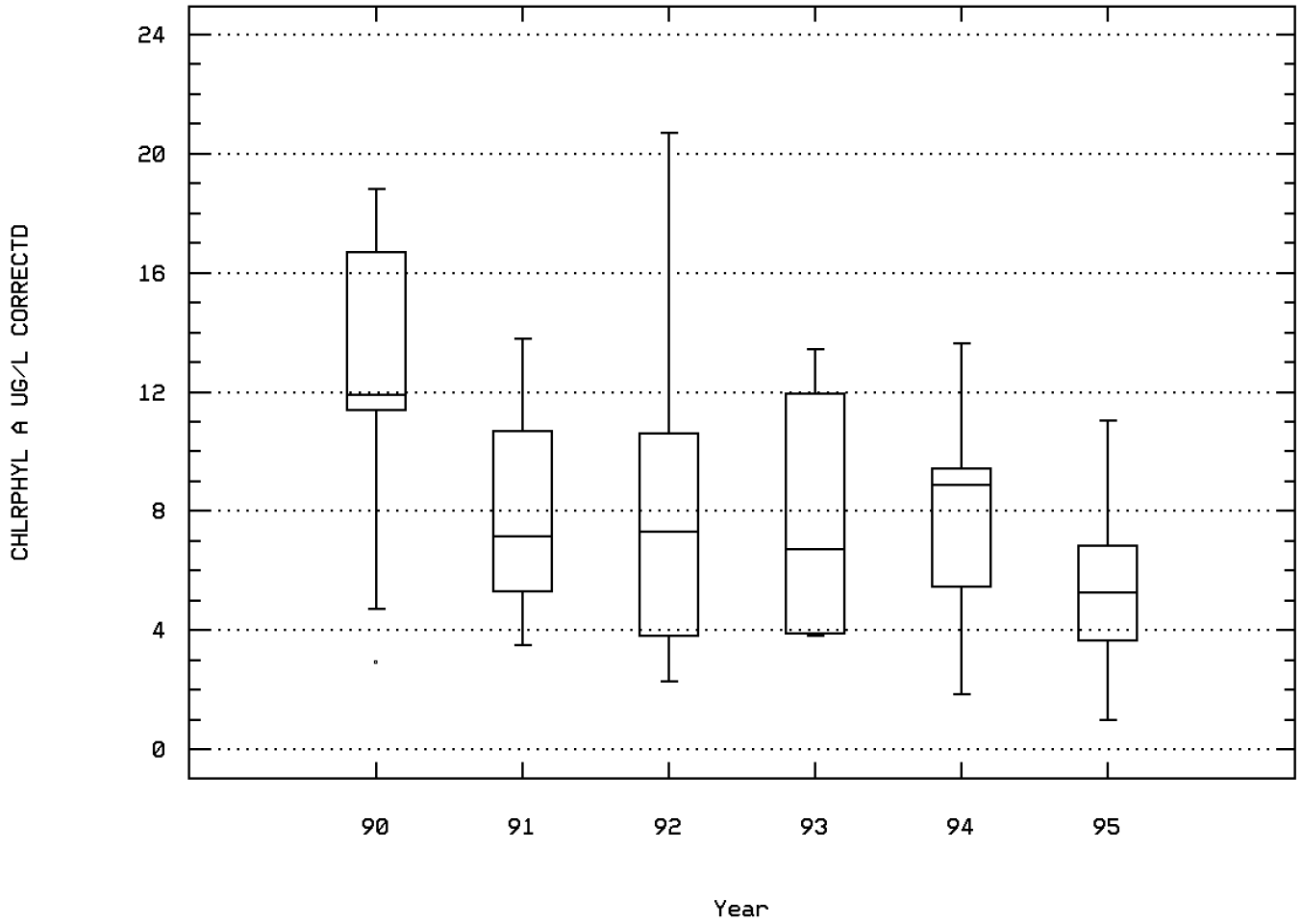
(X 0.001)



INDIAN RIVER LAGOON AT ICWW CM 60

Station: CANA0059 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON AT ICWW CM 60

Station Inventory for Station: CANA0060

NPS Station ID: CANA0060
LAT/LON: 28.968615/ -80.868615
Agency: 21FLA
Date Created: 02/25/89
Location: INDIAN RIVER LAGOON AT 3 SISTERS IS.
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011715
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON EAST OF EDGEWATER AND JUST NORTH OF THREE SISTERS ISLAND.

Parameter Inventory for Station: CANA0060

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: CANA0061

NPS Station ID: CANA0061 LAT/LON: 28.969170/ -80.878060 Agency: 21FLVEMD Date Created: 02/13/93
Location: INDIAN RIVER LAGOON W. OF THREE SISTERS ISLAND FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ML09
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03080202 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA ECO Region:
RF1 Index: 03080202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03080202000304.99 RF3 Mile Point: 12.19 Distance from RF3: 0.25 On/Off RF3:
Description:
INDIAN RIVER LAGOON EAST OF EDGEWATER AND JUST WEST OF THREE SISTERS ISLAND

Parameter Inventory for Station: CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	59	24.9	23.897	32.1	15.4	27.016	5.198	16.8	19.	27.9	30.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	54	26.1	25.961	34.5	14.2	31.959	5.653	17.75	21.75	30.25	33.
00032	CLOUD COVER (PERCENT)	04/16/90-08/16/95	55	30.	42.091	100.	0.	1126.529	33.564	1.2	10.	80.	90.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	61	8.	9.418	20.	0.	23.677	4.866	5.	5.	13.	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	61	6.4	6.475	17.	1.6	12.066	3.474	2.4	3.95	8.3	11.
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	62	0.85	0.948	1.9	0.5	0.12	0.346	0.6	0.775	1.025	1.5
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	60	13.	14.85	45.	6.	54.977	7.415	8.	10.25	15.	27.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	56	50850.	50053.571	59500.	38200.	20773441.558	4557.789	42370.	48425.	52575.	54500.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	63	1.3	1.411	3.1	0.5	0.386	0.622	0.7	1.	1.8	2.32
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	58	6.5	6.495	9.2	3.7	1.437	1.199	5.	5.5	7.425	7.82
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	57	7.89	7.821	8.3	7.3	0.043	0.206	7.524	7.695	7.975	8.052
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	57	7.89	7.77	8.3	7.3	0.045	0.213	7.524	7.695	7.975	8.052
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	57	0.013	0.017	0.05	0.005	0.	0.009	0.009	0.011	0.02	0.03
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	59	33.9	33.256	39.8	24.7	10.634	3.261	27.9	31.7	35.4	36.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	56	14.	33.25	999.	3.	17327.5	131.634	7.	10.	22.	29.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/16/95	15	0.014	0.035	0.12	0.006	0.001	0.036	0.008	0.01	0.06	0.108
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/16/95	47	1.04	1.131	2.1	0.52	0.158	0.397	0.698	0.83	1.3	1.74
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	59	0.01	0.016	0.1	0.001	0.	0.017	0.007	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/16/95	45	0.08	0.075	0.13	0.019	0.001	0.025	0.036	0.06	0.091	0.109
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	56	0.018	0.021	0.06	0.001	0.	0.014	0.01	0.01	0.03	0.043
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	58	5.	21.336	165.	2.5	1084.916	32.938	2.5	5.	20.	72.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	58	0.699	1.006	2.217	0.398	0.239	0.489	0.398	0.699	1.301	1.856
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.134								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	57	5.	8.684	75.	2.5	149.354	12.221	2.5	2.5	10.	17.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	57	0.699	0.751	1.875	0.398	0.124	0.352	0.398	0.398	1.	1.22
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.639								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	56	10.	47.634	760.	2.5	14496.004	120.399	2.5	5.	35.	86.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	56	1.	1.135	2.881	0.398	0.37	0.609	0.398	0.699	1.544	1.937
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.638								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	35	6.65	7.658	18.2	1.25	18.35	4.284	2.106	4.59	11.14	12.898
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	68	6.8	7.892	20.2	0.93	25.963	5.095	2.28	4.133	10.19	17.029
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	33	0.	0.061	0.6	0.	0.015	0.123	0.	0.	0.08	0.228
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	35	0.98	1.161	3.13	0.13	0.602	0.776	0.218	0.61	1.8	2.152
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/16/95	35	0.99	1.065	2.83	0.	0.522	0.723	0.172	0.52	1.59	2.09
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	09/14/92-01/11/93	3	-1.42	-1.46	-1.16	-1.8	0.104	0.322	**	**	**	**

** - 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

EPA Water Quality Criteria Analysis for Station: CANA0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	61	0	0.00	12	0	0.00	17	0	0.00	15	0	0.00	17	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	58	1	0.02	12	0	0.00	18	0	0.00	12	0	0.00	16	1	0.06
00400	PH	Other-Hi Lim.	9.	57	0	0.00	11	0	0.00	18	0	0.00	12	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	57	0	0.00	11	0	0.00	18	0	0.00	12	0	0.00	16	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	58	0	0.00	11	0	0.00	17	0	0.00	13	0	0.00	17	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	57	0	0.00	10	0	0.00	17	0	0.00	13	0	0.00	17	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	56	15	0.27	10	7	0.70	16	2	0.13	13	1	0.08	17	5	0.29

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

Annual Analysis for 1990 - Station CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	10	10.	9.8	18.	3.	22.178	4.709	3.2	5.	12.75	17.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	10	9.65	9.98	17.	4.7	15.488	3.936	4.71	6.675	13.25	16.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	10	0.8	0.7	0.8	0.5	0.018	0.133	0.5	0.575	0.8	0.8
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	10	12.5	12.2	17.	6.	10.178	3.19	6.2	11.	14.25	16.8
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	10	1.15	1.12	1.7	0.6	0.135	0.368	0.62	0.8	1.375	1.69
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	10	22.5	21.8	34.	7.	77.289	8.791	7.3	14.5	29.	33.8
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	10	0.01	0.012	0.02	0.01	0.	0.004	0.01	0.01	0.013	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	10	0.03	0.03	0.06	0.01	0.	0.019	0.01	0.01	0.05	0.059
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	9	5.	13.333	55.	5.	262.5	16.202	5.	5.	15.	55.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	9	0.699	0.954	1.74	0.699	0.131	0.361	0.699	0.699	1.176	1.74
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.998								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	10	13.05	12.71	20.2	2.6	43.837	6.621	2.79	6.975	18.75	20.19

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

Annual Analysis for 1991 - Station CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	13	10.	9.	15.	0.	33.	5.745	0.	5.	15.	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	13	7.6	6.392	10.	2.2	6.784	2.605	2.36	4.05	8.45	9.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	12	0.9	0.817	1.3	0.5	0.072	0.269	0.5	0.525	1.	1.24
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	13	15.	17.308	32.	7.	60.397	7.772	7.8	12.5	24.	31.2
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	13	1.	0.985	1.6	0.5	0.095	0.308	0.5	0.8	1.1	1.48
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	13	14.	90.462	999.	5.	74580.769	273.095	5.8	9.	24.5	611.8
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	13	0.01	0.014	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	13	0.02	0.021	0.05	0.01	0.	0.013	0.01	0.01	0.03	0.046
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	11	5.	20.455	165.	5.	2307.273	48.034	5.	5.	5.	135.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	11	0.699	0.88	2.217	0.699	0.217	0.466	0.699	0.699	0.699	2.009
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.593								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	13	6.1	6.762	18.6	2.1	17.368	4.167	2.18	4.45	8.05	14.92

** - 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 1992 - Station CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	10	10.	9.6	20.	3.	25.156	5.016	3.2	5.	11.25	19.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	10	7.	7.4	17.	1.7	21.773	4.666	1.77	3.75	11.	16.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	10	0.8	0.89	1.4	0.6	0.081	0.285	0.6	0.675	1.15	1.39
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	10	13.	15.6	45.	8.	112.711	10.617	8.1	10.5	15.	42.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	10	1.45	1.37	2.4	0.6	0.24	0.49	0.62	1.025	1.525	2.32
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	10	14.5	15.6	35.	3.	99.822	9.991	3.3	6.75	22.	33.7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	10	0.01	0.016	0.06	0.01	0.	0.016	0.01	0.01	0.013	0.056
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	10	0.02	0.022	0.04	0.01	0.	0.009	0.01	0.018	0.03	0.039
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	10	5.	17.5	100.	5.	901.389	30.023	5.	5.	15.	93.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	10	0.699	0.937	2.	0.699	0.202	0.45	0.699	0.699	1.119	1.948
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.65								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	10	8.05	8.47	18.9	1.3	32.38	5.69	1.54	3.775	12.225	18.63

** - Less than 9 observations ## - Computed with 50% or 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 CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	6	5.	6.333	13.	5.	10.667	3.266	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	5	4.6	4.9	6.8	3.8	1.62	1.273	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	7	1.	1.157	1.8	0.8	0.106	0.326	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	5	13.	12.2	13.	10.	1.7	1.304	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	7	2.2	2.429	3.1	1.8	0.412	0.642	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	5	11.	11.	15.	7.	8.5	2.915	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	4 ##	0.005	0.008	0.02	0.001	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	4 ##	0.001	0.003	0.009	0.001	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	5	10.	33.	100.	10.	1520.	38.987	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	5	1.	1.309	2.	1.	0.205	0.453	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.362								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	12	8.955	8.511	16.91	2.3	20.651	4.544	2.36	4.425	11.993	15.608

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

Annual Analysis for 1994 - Station CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	15	13.	11.967	20.	5.5	21.874	4.677	5.8	8.	14.	20.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	16	4.6	5.181	8.4	2.	4.456	2.111	2.28	3.525	7.25	8.26
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	16	0.8	1.013	1.9	0.65	0.177	0.421	0.65	0.8	1.	1.9
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	15	11.	15.4	33.	8.	66.686	8.166	8.	10.	20.	32.4
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	16	1.2	1.344	2.4	0.7	0.331	0.575	0.7	0.8	1.7	2.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	14	13.	14.286	25.	8.	29.143	5.398	8.	10.	18.75	23.5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	16	0.01	0.023	0.1	0.001	0.001	0.029	0.001	0.009	0.02	0.093
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	12	0.018	0.021	0.044	0.009	0.	0.011	0.01	0.015	0.022	0.043
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	16	15.	29.688	115.	2.5	1233.229	35.117	2.5	3.125	53.75	97.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	16	1.176	1.144	2.061	0.398	0.348	0.59	0.398	0.473	1.72	1.986
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.928								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	16	5.665	6.526	14.91	0.93	11.678	3.417	2.638	4.193	8.788	11.704

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

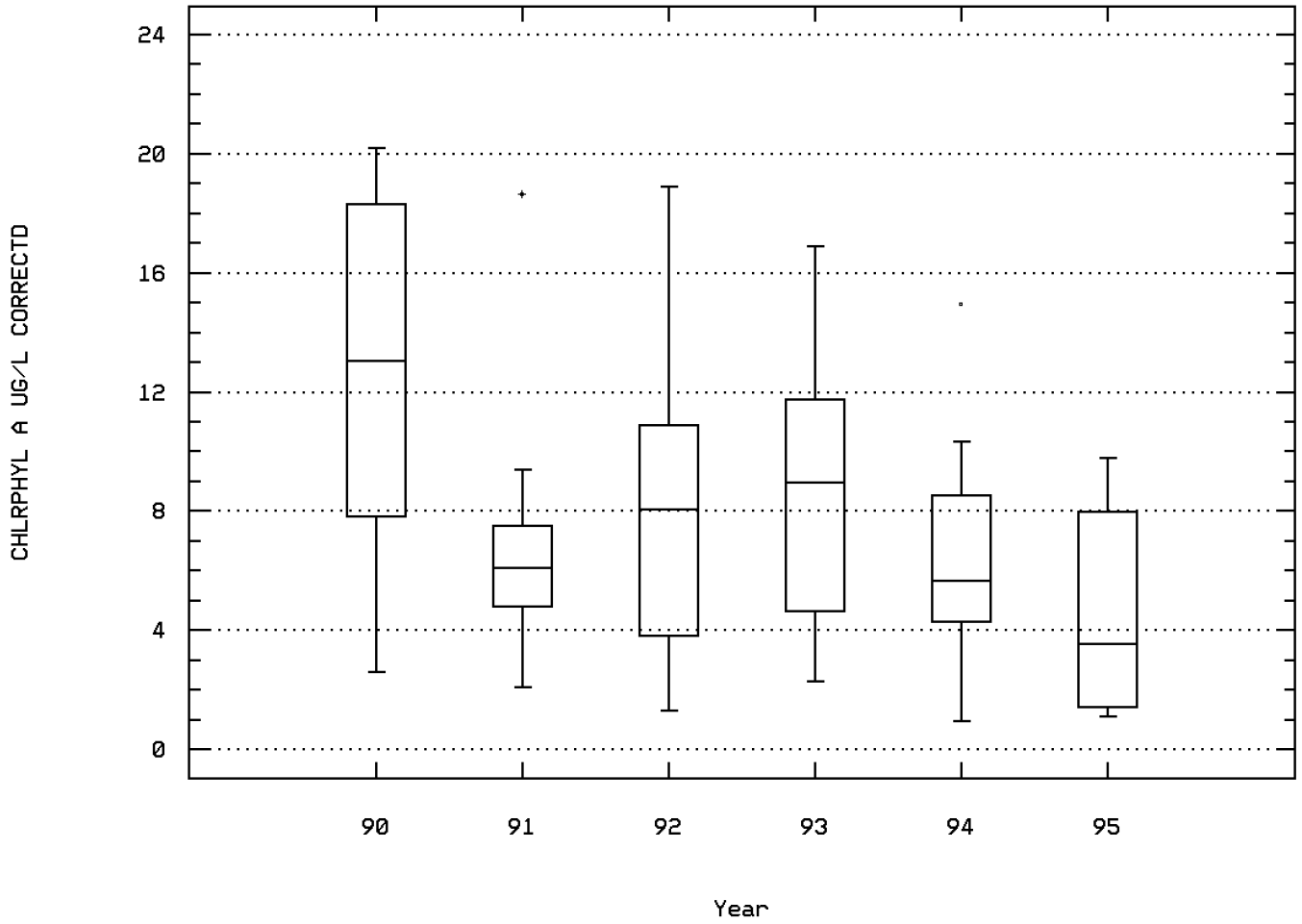
Annual Analysis for 1995 - Station CANA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	7	6.	6.571	10.	4.	3.952	1.988	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	7	4.5	4.386	6.8	1.6	5.438	2.332	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	7	1.2	1.257	1.6	1.	0.073	0.27	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	7	12.	13.714	28.	8.	44.905	6.701	**	**	**	**
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	7	1.8	1.814	2.2	1.5	0.055	0.234	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	4	13.5	14.25	22.	8.	34.917	5.909	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	6	0.02	0.017	0.02	0.001	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	7	0.014	0.016	0.031	0.01	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	7	5.	11.071	30.	2.5	118.452	10.884	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	7	0.699	0.835	1.477	0.398	0.223	0.472	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.844								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	7	3.55	4.343	9.8	1.1	11.353	3.369	**	**	**	**

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

Station: CANA0061 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON W. OF THREE SISTERS

Station Inventory for Station: CANA0062

NPS Station ID: CANA0062
LAT/LON: 28.971670/ -80.889448
Agency: 21FLVEMD
Date Created: 02/13/93
Location: INDIAN RIVER LAGOON AT ICWW CM 57
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): ML08
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CHANNEL MARKER 57 JUST SOUTH OF MARINA

Parameter Inventory for Station: CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/90-08/16/95	60	24.95	24.157	31.3	15.1	30.14	5.49	16.43	18.6	29.6	30.79
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	54	26.25	25.815	35.	13.1	38.633	6.216	16.4	20.875	30.25	34.
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	60	30.	34.167	100.	0.	1130.107	33.617	0.	5.	50.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	60	8.	8.35	20.	1.	17.757	4.214	3.1	5.	10.	14.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	61	6.1	5.998	16.	1.8	7.355	2.712	3.04	3.85	7.3	8.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	59	0.9	1.005	1.7	0.5	0.078	0.279	0.7	0.8	1.2	1.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	59	13.	14.864	55.	6.	68.292	8.264	9.	10.	15.	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/90-08/16/95	58	51400.	50636.207	59400.	38300.	21611823.956	4648.852	43400.	48425.	53600.	56400.
00205	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	61	1.4	1.497	2.6	0.7	0.303	0.55	0.8	1.	2.	2.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/16/90-08/16/95	60	6.5	6.557	9.	4.4	1.371	1.171	4.91	5.725	7.2	8.65
00400	PH (STANDARD UNITS)	04/16/90-08/16/95	60	7.89	7.833	8.29	7.12	0.044	0.209	7.6	7.703	7.958	8.019
00400	CONVERTED PH (STANDARD UNITS)	04/16/90-08/16/95	60	7.89	7.774	8.29	7.12	0.047	0.218	7.6	7.703	7.957	8.019
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/90-08/16/95	60	0.013	0.017	0.076	0.005	0.	0.011	0.01	0.011	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	04/16/90-08/16/95	60	33.85	33.373	39.7	24.4	11.494	3.39	28.1	31.875	35.475	37.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	54	13.	14.778	32.	5.	44.44	6.666	7.	9.	19.25	24.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/10/92-08/16/95	15	0.01	0.043	0.4	0.006	0.01	0.1	0.006	0.01	0.02	0.202
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/90-08/16/95	48	1.	1.039	1.8	0.5	0.099	0.315	0.698	0.808	1.288	1.51
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	59	0.01	0.016	0.1	0.001	0.	0.015	0.006	0.01	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/90-08/16/95	48	0.078	0.076	0.14	0.019	0.001	0.027	0.039	0.06	0.096	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	55	0.014	0.018	0.05	0.001	0.	0.012	0.009	0.01	0.02	0.04
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	56	10.	42.902	1030.	2.5	19287.449	138.879	4.25	5.	28.75	89.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	56	1.	1.134	3.013	0.398	0.298	0.546	0.609	0.699	1.457	1.951
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.623								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	55	5.	11.682	75.	2.5	205.8	14.346	2.5	2.5	10.	30.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	55	0.699	0.86	1.875	0.398	0.162	0.402	0.398	0.398	1.	1.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.244								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	54	10.	39.306	460.	2.5	6803.4	82.483	2.5	5.	30.	70.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	54	1.	1.141	2.663	0.398	0.336	0.579	0.398	0.699	1.477	1.844
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.827								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	30	7.41	7.643	17.29	1.32	12.975	3.602	3.767	4.538	10.465	12.853
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	63	6.3	8.04	21.97	1.17	22.662	4.76	3.272	4.2	10.4	16.008
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	29	0.	0.329	6.81	0.	1.636	1.279	0.	0.	0.07	0.51
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	01/11/93-08/16/95	30	0.98	1.194	3.55	0.	0.626	0.791	0.479	0.645	1.598	2.24
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/11/93-08/16/95	30	1.34	1.358	3.06	0.	0.647	0.804	0.195	0.835	1.803	2.899
70971	LIGHT, ATTENUATION COEFFICIENT (ALPHA/M)	02/10/92-01/11/93	8	-1.175	-1.278	0.	-2.14	0.453	0.673	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANA0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	61	0	0.00	10	0	0.00	19	0	0.00	12	0	0.00	20	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00	10	0	0.00	17	0	0.00	11	0	0.00	22	0	0.00
00400	PH	Other-Hi Lim.	9.	60	0	0.00	10	0	0.00	17	0	0.00	11	0	0.00	22	0	0.00
		Other-Lo Lim.	6.5	60	0	0.00	10	0	0.00	17	0	0.00	11	0	0.00	22	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	56	1	0.02	10	0	0.00	15	0	0.00	12	1	0.08	19	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	55	0	0.00	9	0	0.00	15	0	0.00	12	0	0.00	19	0	0.00
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	54	12	0.22	9	2	0.22	14	2	0.14	12	2	0.17	19	6	0.32

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

Annual Analysis for 1990 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	9	30.	28.867	34.5	20.5	26.597	5.157	20.5	23.5	33.4	34.5
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	8	17.5	23.125	70.	0.	463.839	21.537	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	9	10.	9.111	18.	3.	17.361	4.167	3.	6.5	10.	18.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	9	7.5	8.633	16.	3.3	18.6	4.313	3.3	4.9	12.5	16.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	9	0.8	0.967	1.6	0.5	0.135	0.367	0.5	0.7	1.3	1.6
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	9	13.	11.778	15.	7.	5.694	2.386	7.	10.	13.	15.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	9	2.4	2.3	2.6	1.9	0.06	0.245	1.9	2.1	2.5	2.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	9	20.	19.333	32.	5.	97.75	9.887	5.	9.5	29.	32.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	9	0.01	0.012	0.02	0.01	0.	0.004	0.01	0.01	0.015	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	9	0.03	0.029	0.05	0.01	0.	0.015	0.01	0.015	0.04	0.05
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	9	10.	123.889	1030.	5.	115492.361	339.842	5.	7.5	17.5	1030.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	9	1.	1.201	3.013	0.699	0.503	0.71	0.699	0.849	1.199	3.013
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.884								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	8	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	8	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	8	10.	15.	50.	10.	200.	14.142	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	8	1.	1.087	1.699	1.	0.061	0.247	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			12.228								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	9	10.4	10.656	18.1	2.8	30.625	5.534	2.8	4.95	15.4	18.1

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

Annual Analysis for 1991 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	13	29.	25.769	35.	15.	59.276	7.699	15.2	16.5	32.5	35.
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	13	30.	30.308	100.	0.	1151.231	33.93	0.	0.	50.	93.6
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	13	10.	8.154	20.	3.	21.141	4.598	3.	5.	10.	16.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	13	6.3	6.208	8.5	3.5	2.172	1.474	3.82	5.	7.35	8.26
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	11	1.1	1.091	1.4	0.7	0.057	0.239	0.74	0.9	1.4	1.4
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	13	14.	17.923	34.	6.	83.077	9.115	6.4	12.	27.	32.8
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	13	1.4	1.408	2.4	0.7	0.219	0.468	0.74	1.05	1.65	2.24
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	13	12.	13.769	24.	6.	31.859	5.644	7.2	9.5	18.	24.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	13	0.01	0.014	0.03	0.01	0.	0.008	0.01	0.01	0.015	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	13	0.01	0.015	0.03	0.01	0.	0.008	0.01	0.01	0.02	0.03
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	11	10.	27.727	175.	5.	2496.818	49.968	5.	5.	30.	147.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	11	1.	1.101	2.243	0.699	0.247	0.497	0.699	0.699	1.477	2.103
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.619								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	11	10.	9.091	20.	5.	24.091	4.908	5.	5.	10.	19.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	11	1.	0.907	1.301	0.699	0.048	0.219	0.699	0.699	1.	1.276
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.064								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	10	5.	30.5	235.	5.	5224.722	72.282	5.	5.	11.25	214.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	10	0.699	0.944	2.371	0.699	0.311	0.558	0.699	0.699	0.894	2.282
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			8.79								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	12	7.05	8.283	13.2	2.	16.025	4.003	2.66	5.025	12.95	13.14

** - 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 1992 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	8	28.6	26.238	30.	16.3	25.088	5.009	**	**	**	**
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	11	35.	32.727	65.	0.	326.818	18.078	2.	20.	40.	62.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	10	5.	8.3	20.	3.	30.9	5.559	3.2	5.	12.75	19.5

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

Annual Analysis for 1992 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	11	6.1	5.745	10.	2.2	6.685	2.585	2.4	3.3	6.6	10.
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	11	1.	1.136	1.7	0.8	0.145	0.38	0.8	0.8	1.7	1.7
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	11	12.	15.818	55.	8.	172.164	13.121	8.4	11.	14.	46.8
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	11	1.6	1.645	2.	1.2	0.091	0.301	1.24	1.4	2.	2.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	11	12.	12.818	23.	6.	34.564	5.879	6.2	7.	16.	22.8
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	11	0.01	0.017	0.07	0.01	0.	0.018	0.01	0.01	0.02	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	11	0.02	0.022	0.04	0.01	0.	0.013	0.01	0.01	0.04	0.04
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	10	10.	35.5	135.	5.	2074.722	45.549	5.	5.	73.75	130.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	10	1.	1.21	2.13	0.699	0.326	0.571	0.699	0.699	1.866	2.11
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.213								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	10	5.	11.5	30.	5.	105.833	10.288	5.	5.	18.75	30.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	10	0.699	0.932	1.477	0.699	0.109	0.331	0.699	0.699	1.251	1.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.559								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	10	27.5	65.	460.	5.	19438.889	139.423	5.	8.75	33.75	418.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	10	1.438	1.354	2.663	0.699	0.329	0.573	0.699	0.925	1.521	2.562
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			22.611								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	11	6.8	8.691	17.7	2.3	33.677	5.803	2.62	4.2	16.7	17.6

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

Annual Analysis for 1993 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	2	19.55	19.55	26.	13.1	83.205	9.122	**	**	**	**
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	6	75.	59.167	100.	0.	2304.167	48.002	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	6	6.5	6.167	10.	1.	10.167	3.189	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	6	5.75	5.817	8.4	4.4	2.218	1.489	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	6	0.95	0.983	1.3	0.6	0.062	0.248	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	6	12.	11.833	14.	9.	4.167	2.041	**	**	**	**
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	6	1.25	1.55	2.4	1.	0.447	0.669	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	6	14.	14.167	18.	11.	5.767	2.401	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	5	0.006	0.011	0.02	0.005	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	5 ##	0.001	0.003	0.011	0.001	0.	0.004	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	6	27.5	35.833	100.	2.5	1391.667	37.305	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	6	1.423	1.23	2.	0.398	0.468	0.684	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.991								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	6	12.5	24.167	75.	2.5	831.667	28.839	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	6	1.	1.046	1.875	0.398	0.404	0.636	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.105								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	6	25.	22.5	50.	2.5	325.	18.028	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	6	1.398	1.128	1.699	0.398	0.332	0.576	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			13.427								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	10	5.75	7.127	11.94	3.5	10.409	3.226	3.53	4.55	10.263	11.851

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

Annual Analysis for 1994 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	13	26.5	26.785	34.	18.7	27.808	5.273	19.3	21.95	31.25	34.
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	13	10.	24.923	100.	1.	1011.077	31.797	2.2	4.5	40.	92.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	13	7.	9.385	18.	3.	20.59	4.538	3.8	6.	13.5	16.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	13	6.	5.477	8.8	2.1	4.269	2.066	2.46	3.55	7.2	8.36
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	13	0.9	0.946	1.2	0.6	0.036	0.19	0.64	0.8	1.1	1.2
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	11	15.	16.	33.	9.	47.	6.856	9.2	12.	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 box-and-whisker plot

Annual Analysis for 1994 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	13	1.2	1.215	1.9	0.9	0.068	0.261	0.94	1.	1.35	1.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	9	18.	16.222	26.	7.	40.944	6.399	7.	10.	21.	26.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	13	0.01	0.02	0.1	0.001	0.001	0.026	0.003	0.008	0.025	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	8	0.017	0.02	0.043	0.012	0.	0.01	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	11	10.	25.	115.	2.5	1238.75	35.196	2.5	5.	30.	105.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	11	1.	1.058	2.061	0.398	0.313	0.56	0.398	0.699	1.477	2.011
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.437								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	11 ##	2.5	15.227	60.	2.5	399.318	19.983	2.5	2.5	30.	56.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	11 ##	0.398	0.813	1.778	0.398	0.344	0.586	0.398	0.398	1.477	1.743
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.503								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	11	35.	70.	320.	2.5	10422.5	102.091	2.5	2.5	75.	297.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	11	1.544	1.304	2.505	0.398	0.663	0.814	0.398	0.398	1.875	2.466
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			20.119								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	13	6.28	7.008	15.42	1.75	11.981	3.461	2.506	4.93	9.095	13.34

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

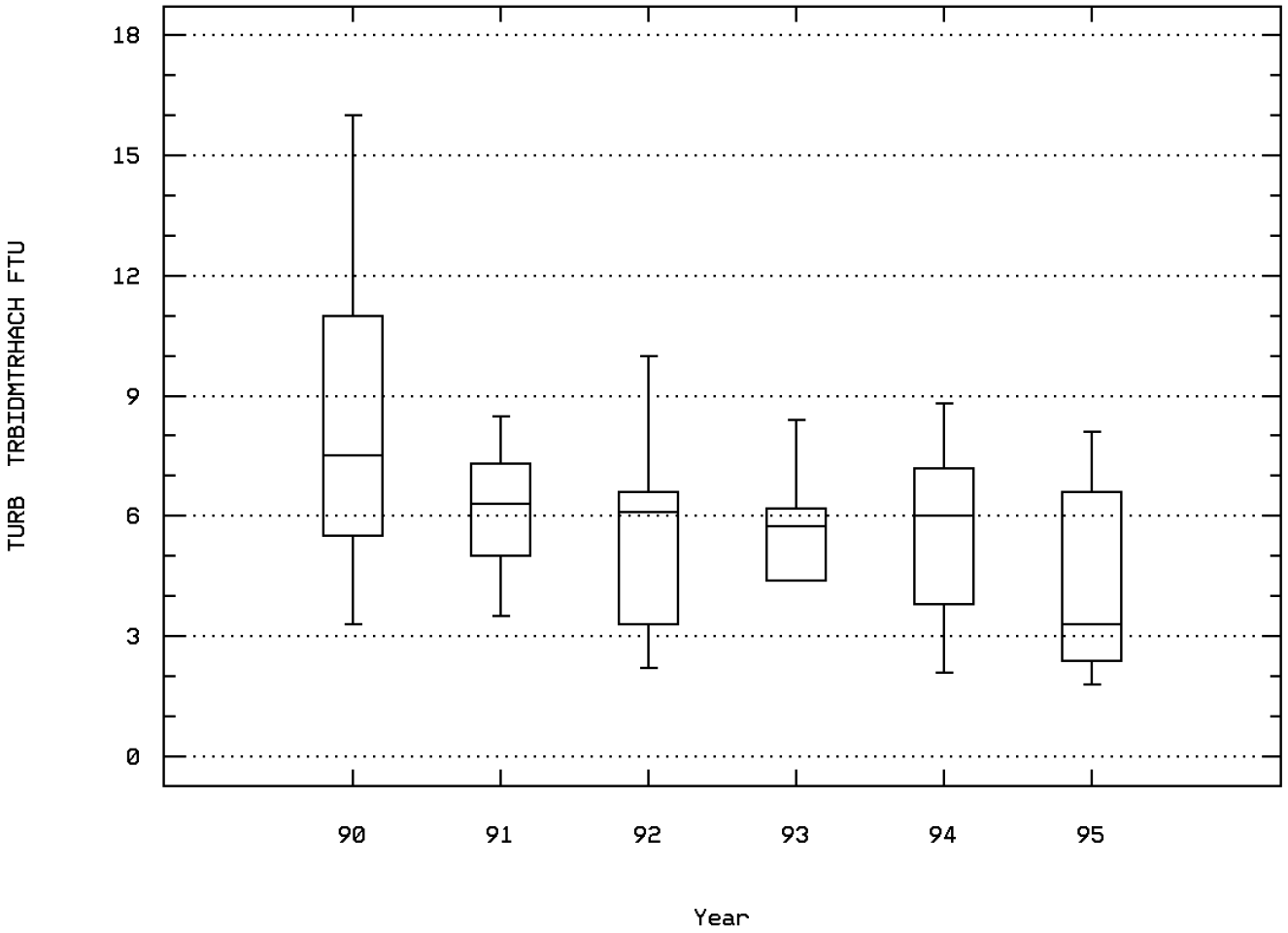
Annual Analysis for 1995 - Station CANA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/16/90-08/16/95	9	24.5	22.444	29.5	14.	31.59	5.621	14.	17.	27.5	29.5
00032	CLOUD COVER (PERCENT)	05/07/90-08/16/95	9	40.	48.	100.	2.	1864.75	43.183	2.	5.	100.	100.
00035	WIND VELOCITY (MILES PER HOUR)	04/16/90-08/16/95	9	8.	7.889	10.	4.	3.611	1.9	4.	7.	9.5	10.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/90-08/16/95	9	3.3	4.244	8.1	1.8	5.263	2.294	1.8	2.3	6.65	8.1
00078p	TRANSPARENCY, SECCHI DISC (METERS)	04/16/90-08/16/95	9	0.8	0.878	1.2	0.7	0.027	0.164	0.7	0.75	1.	1.2
00080p	COLOR (PLATINUM-COBALT UNITS)	04/16/90-08/16/95	9	10.	13.	30.	7.	48.5	6.964	7.	9.5	15.	30.
00205p	DEPTH, MAXIMUM, OF LAKE OR RESERVOIR (METERS)	04/16/90-08/16/95	9	0.8	1.011	2.2	0.7	0.224	0.473	0.7	0.75	1.1	2.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/90-08/16/95	6	11.	12.167	23.	7.	36.967	6.08	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/90-08/16/95	8	0.015	0.015	0.03	0.001	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/90-08/16/95	9	0.011	0.012	0.02	0.008	0.	0.004	0.008	0.01	0.015	0.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/16/90-08/16/95	9	15.	15.278	40.	2.5	135.069	11.622	2.5	5.	20.	40.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/16/90-08/16/95	9	1.176	1.053	1.602	0.398	0.148	0.385	0.398	0.699	1.301	1.602
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.298								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	9 ##	2.5	3.889	10.	2.5	6.424	2.534	2.5	2.5	5.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/16/90-08/16/95	9 ##	0.398	0.532	1.	0.398	0.048	0.219	0.398	0.398	0.699	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.402								
31649	ENTEROCOCCI- ME-MF N0/100ML	04/16/90-08/16/95	9	10.	15.833	55.	2.5	279.688	16.724	2.5	2.5	22.5	55.
31649	LOG ENTEROCOCCI- ME-MF N0/1	04/16/90-08/16/95	9	1.	0.979	1.74	0.398	0.239	0.489	0.398	0.398	1.349	1.74
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			9.524								
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/16/90-08/16/95	8	4.06	6.658	21.97	1.17	43.588	6.602	**	**	**	**

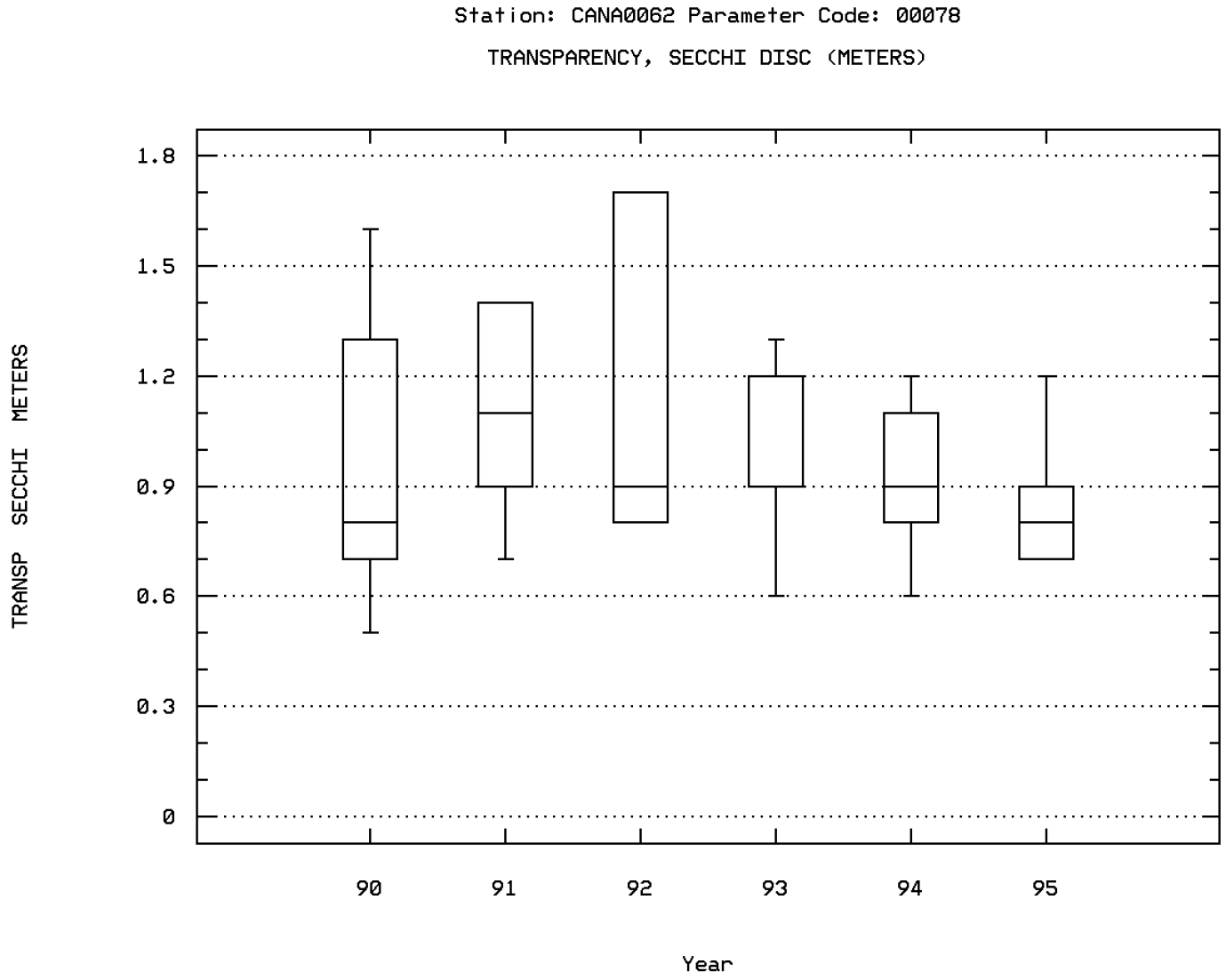
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CANA0062 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



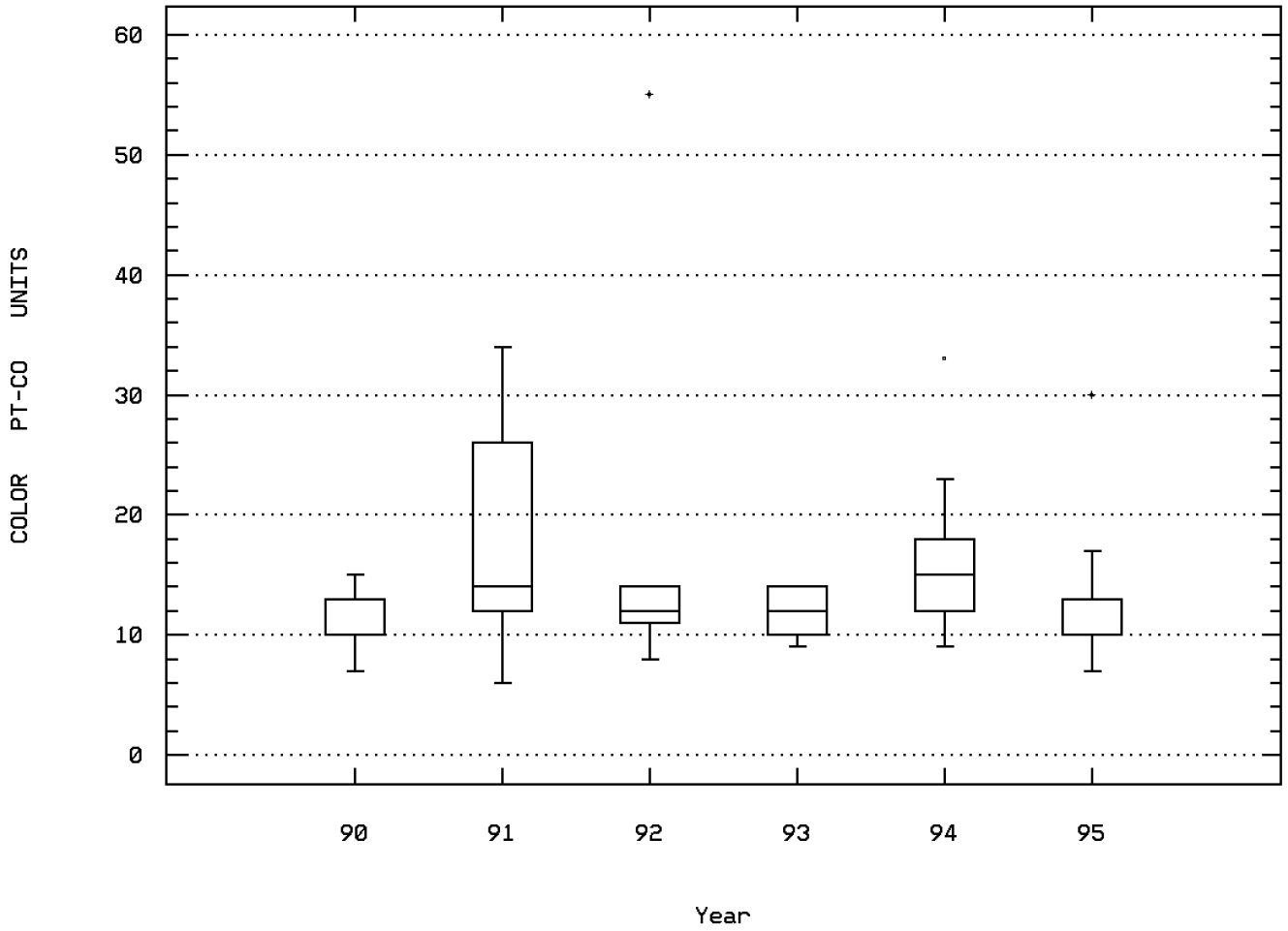
INDIAN RIVER LAGOON AT ICWW CM 57



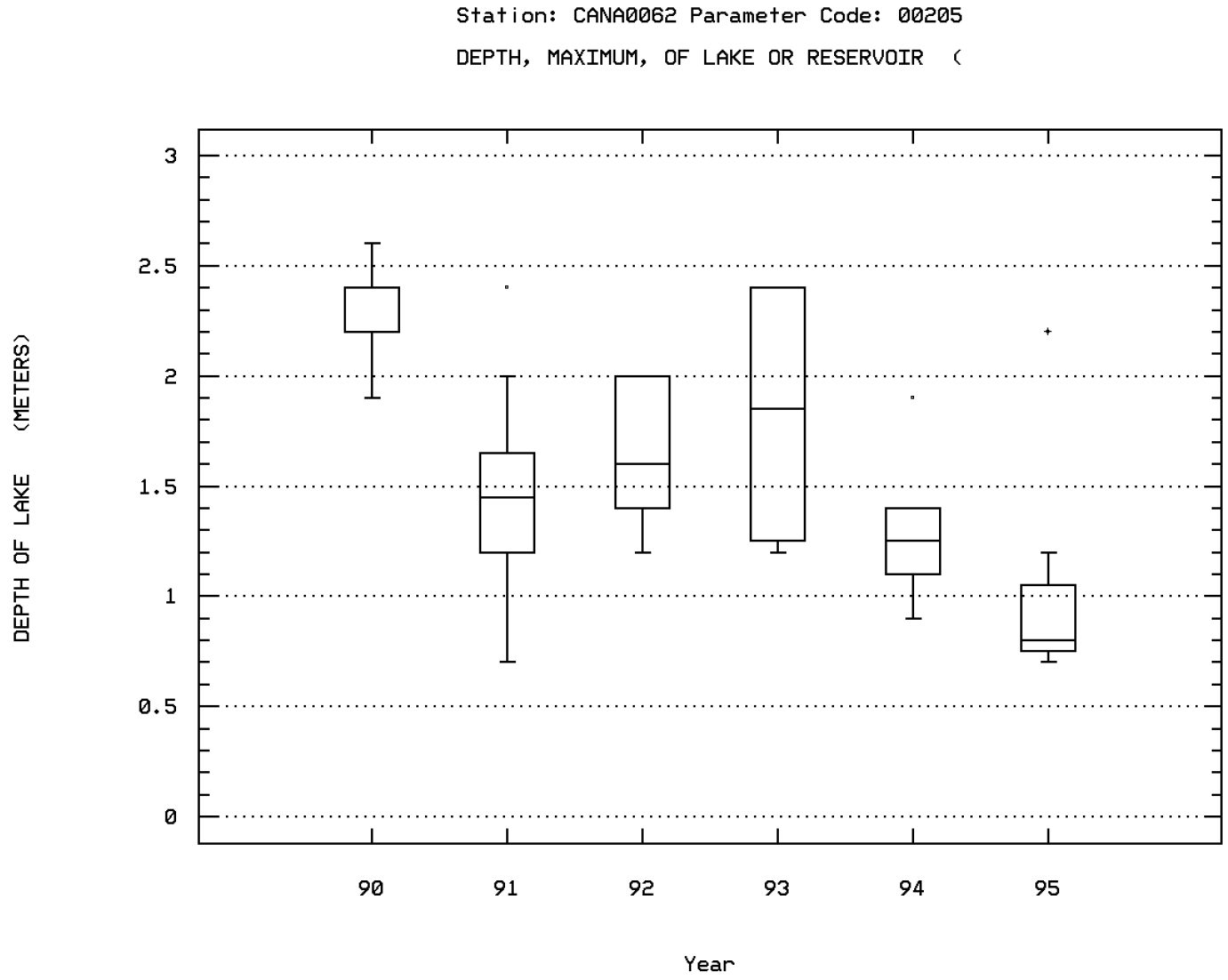
INDIAN RIVER LAGOON AT ICWW CM 57

Station: CANA0062 Parameter Code: 00080

COLOR (PLATINUM-COBALT UNITS)



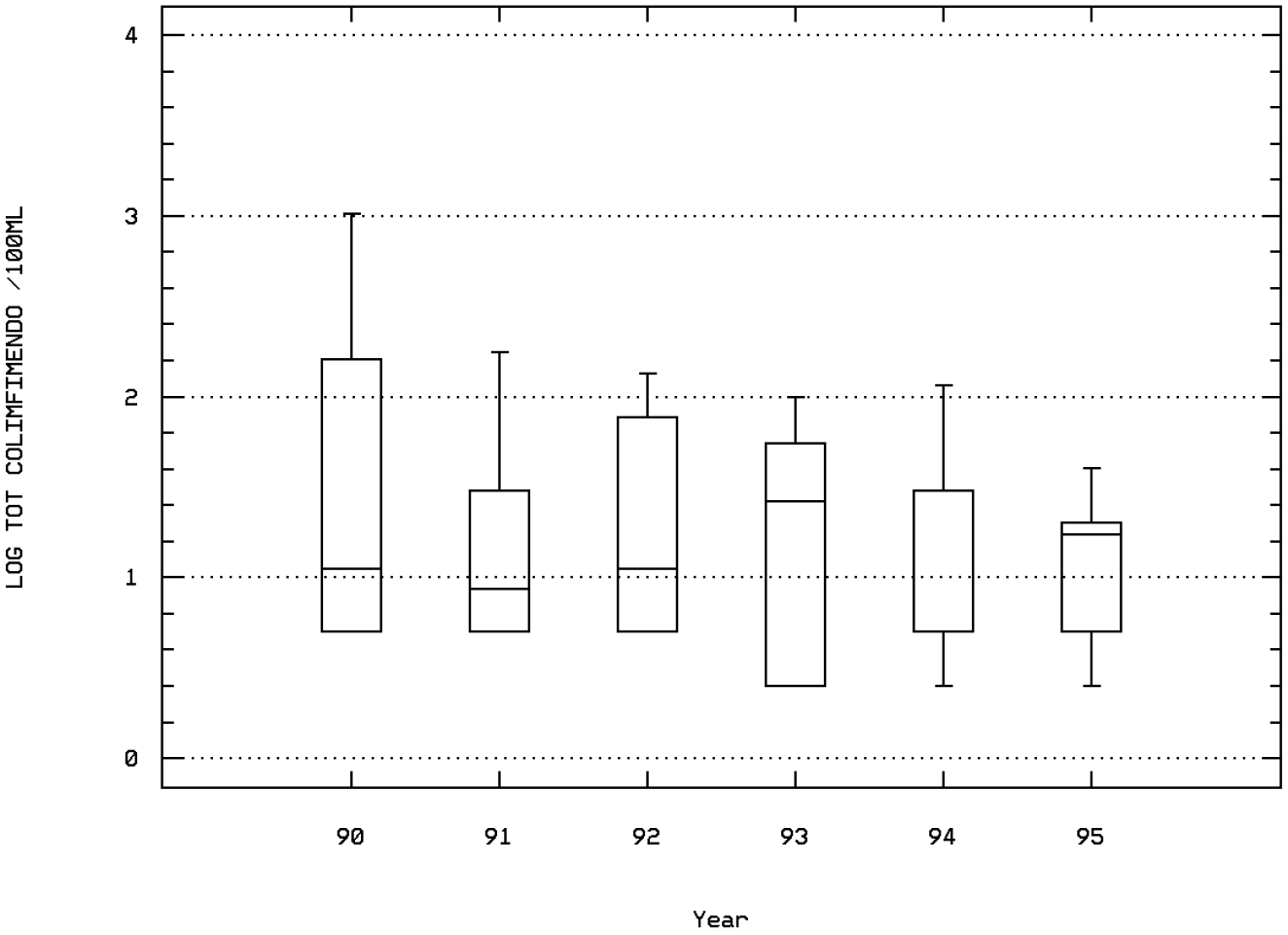
INDIAN RIVER LAGOON AT ICWW CM 57



INDIAN RIVER LAGOON AT ICWW CM 57

Station: CANA0062 Parameter Code: 31501

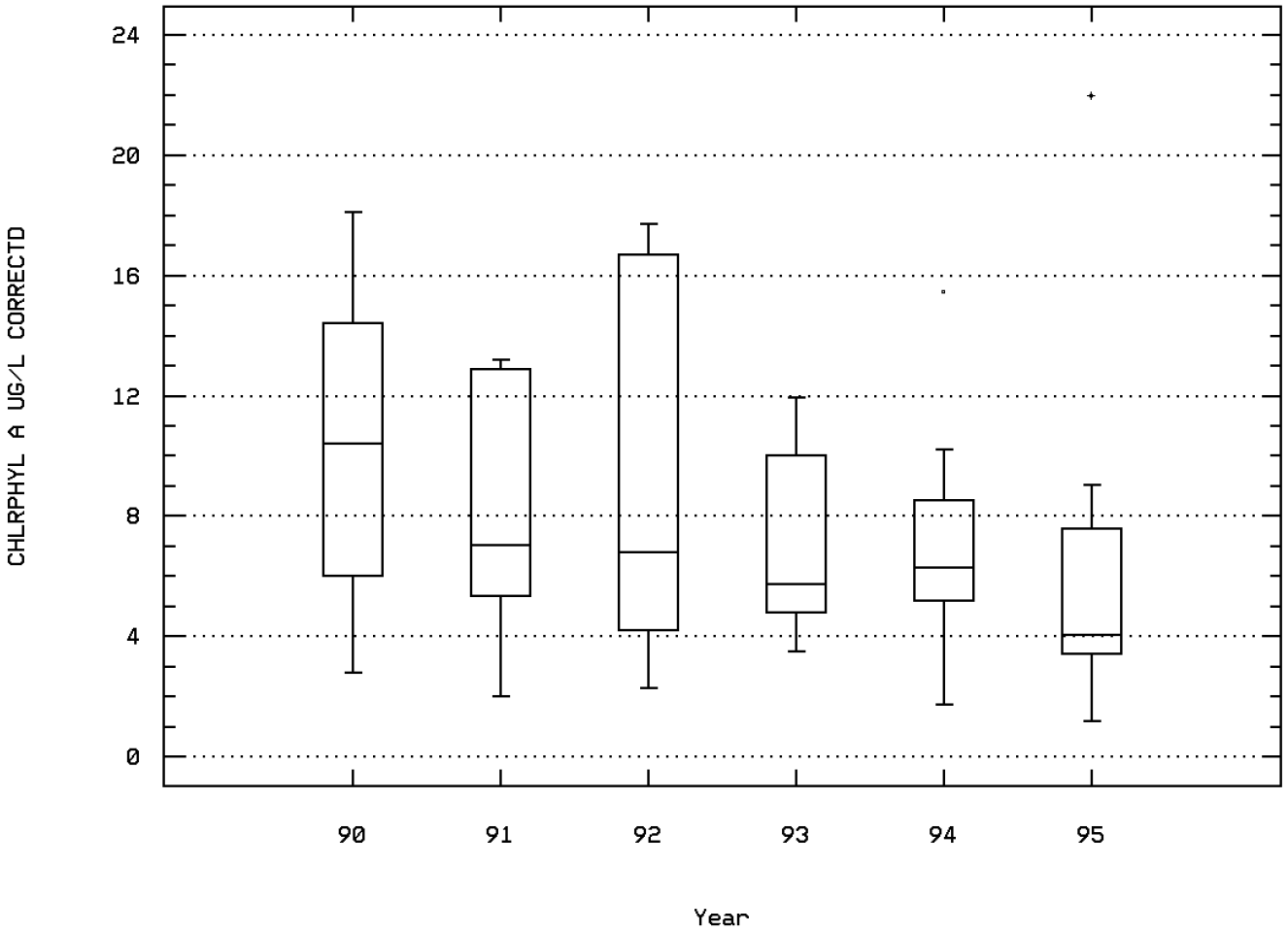
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



INDIAN RIVER LAGOON AT ICWW CM 57

Station: CANA0062 Parameter Code: 32211

CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



INDIAN RIVER LAGOON AT ICWW CM 57

Station Inventory for Station: CANA0063

NPS Station ID: CANA0063
LAT/LON: 28.971893/ -80.890309
Agency: 21FLA
Date Created: / /
Location: INDIAN RIV N ICW CHAN MARK 57
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27010459
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTH-EAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COAST
ECO Region:
RF1 Index: 03080202001
RF1 Mile Point: 12.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
SEGMENT 27.1DA BODY OF WATER: RIVER, INDIAN INDIAN RIVER NORTH AT ICW CHANNEL MARKER NO 57 MIDSTREAM - VOLUSIA CO

Parameter Inventory for Station: CANA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/70-12/13/72	2	25.75	25.75	26.5	25.	1.125	1.061	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/02/70-12/13/72	2 ##	5.45	5.45	10.8	0.1	57.245	7.566	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/70-12/13/72	2	27.5	27.5	40.	15.	312.5	17.678	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/02/70-12/13/72	2	38150.	38150.	45100.	31200.	96605000.	9828.784	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/02/70-12/13/72	2	6.7	6.7	7.	6.4	0.18	0.424	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/02/70-12/13/72	2	1.35	1.35	1.5	1.2	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	12/13/72-12/13/72	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/13/72-12/13/72	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-12/13/72	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/13/72-12/13/72	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/13/72-12/13/72	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/13/72-12/13/72	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/70-12/13/72	2	144.	144.	148.	140.	32.	5.657	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/13/72-12/13/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	12/13/72-12/13/72	1	30840.	30840.	30840.	30840.	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/13/72-12/13/72	1	4281.	4281.	4281.	4281.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/13/72-12/13/72	1	26560.	26560.	26560.	26560.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/13/72-12/13/72	1	30830.	30830.	30830.	30830.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/13/72-12/13/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/13/72-12/13/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/13/72-12/13/72	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.035	0.035	0.07	0.	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.09	0.09	0.18	0.	0.016	0.127	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/70-12/13/72	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/70-06/02/70	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/70-06/02/70	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/70-06/02/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/70-06/02/70	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/13/72-12/13/72	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

EPA Water Quality Criteria Analysis for Station: CANA0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 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.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	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

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

Station Inventory for Station: CANA0064

NPS Station ID: CANA0064
LAT/LON: 28.972504/ -80.889171
Agency: 21FLA
Date Created: 09/17/88
Location: INDIAN RIVER NEAR CM #57
FIPS State/County: 12127 FLORIDA/VOLUSIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 27011703
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03080202
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: FLORIDA EAST COASTAL AREA
ECO Region:
RF1 Index: 03080202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03080202000304.99
RF3 Mile Point: 12.19
Distance from RF3: 0.25
On/Off RF3:
Description:
INDIAN RIVER LAGOON AT ICWW CM #57 JUST SOUTH OF CAMERON'S MARINA NEAR SOUTH EDGEWATER. VOLUSIA COUNTY STATION NUMBER 9

Parameter Inventory for Station: CANA0064

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

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

EPA Water Quality Criteria Analysis for Entire CANA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-12/31 Obs	10/01-12/31 Exceed	10/01-12/31 Prop.	1/01-3/14 Obs	1/01-3/14 Exceed	1/01-3/14 Prop.	3/15-5/31 Obs	3/15-5/31 Exceed	3/15-5/31 Prop.	6/01-9/30 Obs	6/01-9/30 Exceed	6/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	37	0	0.00	13	0	0.00	8	0	0.00	6	0	0.00	10	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	828	1	0.00	156	0	0.00	212	0	0.00	189	0	0.00	271	1	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1189	44	0.04	247	3	0.01	286	0	0.00	237	3	0.01	419	38	0.09
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	22	0	0.00	7	0	0.00	7	0	0.00	12	0	0.00
00400	PH	Other-Hi Lim.	9.	1105	1	0.00	244	0	0.00	260	1	0.00	214	0	0.00	387	0	0.00
		Other-Lo Lim.	6.5	1105	0	0.00	244	0	0.00	260	0	0.00	214	0	0.00	387	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	130	3	0.02	30	0	0.00	24	1	0.04	29	2	0.07	47	0	0.00
		Other-Lo Lim.	6.5	130	2	0.02	30	0	0.00	24	0	0.00	29	1	0.03	47	1	0.02
00406	PH, FIELD	Other-Hi Lim.	9.	50	0	0.00	4	0	0.00	12	0	0.00	12	0	0.00	22	0	0.00
		Other-Lo Lim.	6.5	50	0	0.00	4	0	0.00	12	0	0.00	12	0	0.00	22	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	22	15	0.68	6	3	0.50	4	3	0.75	3	3	1.00	9	6	0.67
		Drinking Water	250.	22	15	0.68	6	3	0.50	4	3	0.75	3	3	1.00	9	6	0.67
01002	ARSENIC, TOTAL	Marine Acute	69.	60	0	0.00	12	0	0.00	12	0	0.00	6	0	0.00	30	0	0.00
01027	CADMIUM, TOTAL	Marine Acute	43.	69	0	0.00	12	0	0.00	15	0	0.00	12	0	0.00	30	0	0.00
01042	COPPER, TOTAL	Marine Acute	2.9	6 &	4	0.67	2	0	0.00	2	2	1.00	2	2	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	69	0	0.00	12	0	0.00	15	0	0.00	12	0	0.00	30	0	0.00
01059	THALLIUM, TOTAL	Marine Acute	2130.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	66	8	0.12	12	0	0.00	12	0	0.00	12	7	0.58	30	1	0.03
01077	SILVER, TOTAL	Marine Acute	0.12	53 &	53	1.00	11	11	1.00	12	12	1.00	6	6	1.00	24	24	1.00
01092	ZINC, TOTAL	Marine Acute	95.	69	1	0.01	12	0	0.00	15	0	0.00	12	1	0.08	30	0	0.00
01097	ANTIMONY, TOTAL	Marine Acute	1500.	65	0	0.00	11	0	0.00	12	0	0.00	12	0	0.00	30	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.	768	2	0.00	146	0	0.00	196	0	0.00	171	1	0.01	255	1	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	66	0	0.00	12	0	0.00	14	0	0.00	10	0	0.00	30	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	808	7	0.01	144	3	0.02	207	0	0.00	177	0	0.00	280	4	0.01
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	732	127	0.17	126	39	0.31	182	20	0.11	171	13	0.08	253	55	0.22
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Marine Acute	0.034	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	23	0	0.00	11	0	0.00	6	0	0.00				6	0	0.00
71900	MERCURY, TOTAL	Marine Acute	2.1	69	0	0.00	12	0	0.00	15	0	0.00	12	0	0.00	30	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	136	0	0.00	29	0	0.00	29	0	0.00	27	0	0.00	51	0	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

No STORET Data Within the CANA Study Area Exist for These Groups:

Flow

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the CANA Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	158	114	17	27	16
00435	ACIDITY, TOTAL (MG/L AS CACO3)	6	0	1	5	6
		164	114	18	32	22 (16)[1]

pH		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1105	1073	18	14	25
00403	PH, LAB (STANDARD UNITS)	136	92	18	26	15
00406	PH, FIELD (STANDARD UNITS)	51	51	0	0	6
		1292	1216	36	40	46 (33)[1]

Conductivity		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	918	906	12	0	25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	111	75	19	17	15
00480	SALINITY - PARTS PER THOUSAND	1179	1164	15	0	28
		2208	2145	46	17	68 (33)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	1190	1176	14	0	29
00300	OXYGEN, DISSOLVED (MG/L)	48	0	7	41	8
		1238	1176	21	41	37 (33)[1]

Water Temperature		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1242	1183	18	41	34
		1242	1183	18	41	34 (34)[1]

Clarity/Turbidity		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	37	0	6	31	8
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	828	816	12	0	18
00077	TRANSPARENCY, SECCHI DISC (INCHES)	4	0	1	3	4
00078	TRANSPARENCY, SECCHI DISC (METERS)	1181	1159	22	0	23
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1030	1002	18	10	48
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	142	142	0	0	12
		3222	3119	59	44	113 (48)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Nitrate/Nitrogen		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	5	0	1	4	3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	320	320	0	0	13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	96	88	1	7	13
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	2	0	2	0	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	97	71	0	26	12
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	1015	991	17	7	31
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	67	51	16	0	7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	788	788	0	0	13
		2390	2309	37	44	93 (33)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	13	0	0	13	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	79	71	0	8	9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1022	987	18	17	32
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	3	0	0	3	3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	791	787	1	3	17
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	106	90	0	16	11
		2014	1935	19	60	73 (33)[!]

Chlorophyll		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	647	644	3	0	40
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	918	904	14	0	19
32230	CHLOROPHYLL A (MG/L)	3	0	0	3	3
		1568	1548	17	3	62 (45)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00945	SULFATE, TOTAL (MG/L AS SO4)	75	75	0	0	7
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4	4	0	0	1
		79	79	0	0	8 (7)[!]

Bacteria		Total Obs.	01/01/85 to 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	768	759	2	7	19
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	67	50	0	17	9
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	1	1	0	0	1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	809	800	2	7	26
31649	ENTEROCOCCI- ME-MF	732	732	0	0	13
		2377	2342	4	31	68 (29)[!]

[!]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 10/23/95	01/01/75 to 12/31/84	Before 01/01/75	Total Stations	
01097	ANTIMONY, TOTAL (UG/L AS SB)	71	71	0	0	6	
01002	ARSENIC, TOTAL (UG/L AS AS)	66	66	0	0	7	
01012	BERYLLIUM, TOTAL (UG/L AS BE)	72	72	0	0	7	
01027	CADMIUM, TOTAL (UG/L AS CD)	75	73	2	0	8	
01034	CHROMIUM, TOTAL (UG/L AS CR)	74	72	2	0	8	
01042	COPPER, TOTAL (UG/L AS CU)	74	72	2	0	9	
01051	LEAD, TOTAL (UG/L AS PB)	75	73	2	0	8	
71900	MERCURY, TOTAL (UG/L AS HG)	75	73	2	0	8	
01067	NICKEL, TOTAL (UG/L AS NI)	72	72	0	0	7	
01147	SELENIUM, TOTAL (UG/L AS SE)	1	1	0	0	1	
01077	SILVER, TOTAL (UG/L AS AG)	72	72	0	0	7	
01059	THALLIUM, TOTAL (UG/L AS TL)	1	1	0	0	1	
01092	ZINC, TOTAL (UG/L AS ZN)	75	73	2	0	8	
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	24	24	0	0	6	
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	24	24	0	0	6	
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	24	24	0	0	6	
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	24	24	0	0	6	
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	24	24	0	0	6	
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	24	24	0	0	6	
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	24	24	0	0	6	
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	24	24	0	0	6	
		1307	1295	12	0	211	(9)[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	164	114	69.5	16	32.0	10.3	06/02/70-10/23/95	6.5
pH	1292	1216	94.1	33	66.0	39.2	01/25/71-10/23/95	52.2
Conductivity	2208	2145	97.1	33	66.0	66.9	06/02/70-10/23/95	87.0
Dissolved Oxygen	1238	1176	95.0	33	66.0	37.5	06/02/70-10/23/95	48.8
Water Temperature	1242	1183	95.2	34	68.0	36.5	08/09/56-10/23/95	31.7
Flow	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Clarity/Turbidity	3222	3119	96.8	48	96.0	67.1	06/02/70-10/23/95	126.9
Nitrate/Nitrogen	2390	2309	96.6	33	66.0	72.4	06/02/70-10/23/95	94.1
Phosphate/Phosphorus	2014	1935	96.1	33	66.0	61.0	06/02/70-10/23/95	79.3
Chlorophyll	1568	1548	98.7	45	90.0	34.8	10/09/73-10/23/95	71.1
Sulfates/Total Dissolved Solids/Hardness	79	79	100.0	7	14.0	11.3	07/23/91-06/16/93	41.5
Bacteria	2377	2342	98.5	29	58.0	82.0	06/02/70-08/16/95	94.3
Toxic Elements	1307	1295	99.1	9	18.0	145.2	02/13/78-06/16/93	85.2

Water Quality Observations
Outside STORET Edit Criteria for CANA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANA0002	00340	COD, .25N K2CR2O7 MG/L	920505		2970.0000000	11NPSWRD	CANA_1	
CANA0002	00340	COD, .25N K2CR2O7 MG/L	920727		9300.0000000	11NPSWRD	CANA_1	
CANA0002	00340	COD, .25N K2CR2O7 MG/L	920922		1080.0000000	11NPSWRD	CANA_1	
CANA0002	00340	COD, .25N K2CR2O7 MG/L	930331		1040.0000000	11NPSWRD	CANA_1	
CANA0002	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920505		1180.0000000	11NPSWRD	CANA_1	
CANA0002	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920727		1190.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	910723		416.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	910919		462.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	911120		346.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	920203		357.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	920303		374.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	920505		394.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	920727		225.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	920922		342.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	930119	1200	364.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	930331		354.0000000	11NPSWRD	CANA_1	
CANA0002	00937	POTASSIUM, TOTAL MG/L AS K)	930616		336.0000000	11NPSWRD	CANA_1	
CANA0002	00945	SULFATE, TOTAL (MG/L AS SO4)	910723		2620.0000000	11NPSWRD	CANA_1	
CANA0002	00945	SULFATE, TOTAL (MG/L AS SO4)	911120		2595.0000000	11NPSWRD	CANA_1	
CANA0002	00945	SULFATE, TOTAL (MG/L AS SO4)	920203		2640.0000000	11NPSWRD	CANA_1	
CANA0002	00945	SULFATE, TOTAL (MG/L AS SO4)	920505		2940.0000000	11NPSWRD	CANA_1	
CANA0002	00945	SULFATE, TOTAL (MG/L AS SO4)	920727		2520.0000000	11NPSWRD	CANA_1	
CANA0002	00945	SULFATE, TOTAL (MG/L AS SO4)	930616		2570.0000000	11NPSWRD	CANA_1	
CANA0002	01022	BORON, TOTAL (UG/L AS B)	930616		5980.0000000	11NPSWRD	CANA_1	
CANA0010	00403	PH, LAB, STANDARD UNITS SU	730712	0935	70.0000000	21FLA	27010600	x
CANA0010	00500	RESIDUE, TOTAL (MG/L)	720306	1205	36880.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	720525	0945	40120.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	720720	1037	35680.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	721010	1010	39100.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	721120	1445	35560.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	730205	1115	31230.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	730305	0230	29040.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	730605	1100	35080.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	730712	0935	34620.0000000	21FLA	27010600	
CANA0010	00500	RESIDUE, TOTAL (MG/L)	730712	0935	34620.0000000	21FLA	27010600	
CANA0010	00940	CHLORIDE,TOTAL IN WATER MG/L	710623	1045	23100.0000000	21FLA	27010600	
CANA0015	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920602	1240	1310.0000000	21FLSJWM	MEC907	
CANA0015	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920602	1241	1350.0000000	21FLSJWM	MEC907	
CANA0015	00929	SODIUM, TOTAL (MG/L AS NA)	920602	1240	10600.0000000	21FLSJWM	MEC907	
CANA0015	00929	SODIUM, TOTAL (MG/L AS NA)	920602	1241	10900.0000000	21FLSJWM	MEC907	
CANA0015	00929	SODIUM, TOTAL (MG/L AS NA)	921214	1430	9120.0000000	21FLSJWM	MEC907	

Water Quality Observations
Outside STORET Edit Criteria for CANA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANA0015	00937	POTASSIUM, TOTAL MG/L AS K)	920602	1240	393.0000000	21FLSJWM	MEC907	
CANA0015	00937	POTASSIUM, TOTAL MG/L AS K)	920602	1241	409.0000000	21FLSJWM	MEC907	
CANA0015	00937	POTASSIUM, TOTAL MG/L AS K)	921214	1430	353.0000000	21FLSJWM	MEC907	
CANA0015	00945	SULFATE, TOTAL (MG/L AS SO4)	920602	1240	2800.0000000	21FLSJWM	MEC907	
CANA0015	00945	SULFATE, TOTAL (MG/L AS SO4)	920602	1241	2800.0000000	21FLSJWM	MEC907	
CANA0015	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920602	1240	35900.0000000	21FLSJWM	MEC907	
CANA0015	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920602	1241	35800.0000000	21FLSJWM	MEC907	
CANA0015	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920928	1100	29200.0000000	21FLSJWM	MEC907	
CANA0015	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	921214	1430	29900.0000000	21FLSJWM	MEC907	
CANA0030	00340	COD, .25N K2CR2O7 MG/L	920505		2430.0000000	11NPSWRD	CANA_5	
CANA0030	00340	COD, .25N K2CR2O7 MG/L	930331		2850.0000000	11NPSWRD	CANA_5	
CANA0030	00927	MAGNESIUM, TOTAL (MG/L AS MG)	910919		1060.0000000	11NPSWRD	CANA_5	
CANA0030	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920505		1370.0000000	11NPSWRD	CANA_5	
CANA0030	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920727		1160.0000000	11NPSWRD	CANA_5	
CANA0030	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930616		1230.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	910723		388.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	910919		492.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	911120		370.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	920203		402.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	920303		371.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	920505		420.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	920727		998.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	920922		336.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	921116		365.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	930119	1200	348.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	930331		397.0000000	11NPSWRD	CANA_5	
CANA0030	00937	POTASSIUM, TOTAL MG/L AS K)	930616		338.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	910919		2660.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	911120		3316.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	920203		2980.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	920303		3770.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	920505		2690.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	920727		2930.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	921116		3196.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	930119	1200	2970.0000000	11NPSWRD	CANA_5	
CANA0030	00945	SULFATE, TOTAL (MG/L AS SO4)	930616		3060.0000000	11NPSWRD	CANA_5	
CANA0039	00340	COD, .25N K2CR2O7 MG/L	920505		1890.0000000	11NPSWRD	CANA_2	
CANA0039	00340	COD, .25N K2CR2O7 MG/L	920727		1080.0000000	11NPSWRD	CANA_2	
CANA0039	00340	COD, .25N K2CR2O7 MG/L	920922		1540.0000000	11NPSWRD	CANA_2	
CANA0039	00340	COD, .25N K2CR2O7 MG/L	930331		7700.0000000	11NPSWRD	CANA_2	
CANA0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	910919		1150.0000000	11NPSWRD	CANA_2	

Water Quality Observations
Outside STORET Edit Criteria for CANA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANA0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	911120		1016.0000000	11NPSWRD	CANA_2	
CANA0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920505		1310.0000000	11NPSWRD	CANA_2	
CANA0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920727		1170.0000000	11NPSWRD	CANA_2	
CANA0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930331		1020.0000000	11NPSWRD	CANA_2	
CANA0039	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930616		1270.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	910723		388.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	910919		502.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	911120		413.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	920203		392.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	920303		400.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	920505		700.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	920727		367.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	920922		388.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	921116		369.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	930119	1200	360.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	930331		377.0000000	11NPSWRD	CANA_2	
CANA0039	00937	POTASSIUM, TOTAL MG/L AS K)	930616		355.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	910723		2610.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	911120		2769.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	920203		2760.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	920303		3470.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	920505		3100.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	921116		3282.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	930119	1200	2870.0000000	11NPSWRD	CANA_2	
CANA0039	00945	SULFATE, TOTAL (MG/L AS SO4)	930616		4070.0000000	11NPSWRD	CANA_2	
CANA0045	00340	COD, .25N K2CR2O7 MG/L	920505		1350.0000000	11NPSWRD	CANA_3	
CANA0045	00340	COD, .25N K2CR2O7 MG/L	920727		1560.0000000	11NPSWRD	CANA_3	
CANA0045	00340	COD, .25N K2CR2O7 MG/L	920922		1120.0000000	11NPSWRD	CANA_3	
CANA0045	00927	MAGNESIUM, TOTAL (MG/L AS MG)	910919		1090.0000000	11NPSWRD	CANA_3	
CANA0045	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920303		1006.0000000	11NPSWRD	CANA_3	
CANA0045	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920505		1290.0000000	11NPSWRD	CANA_3	
CANA0045	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920727		1210.0000000	11NPSWRD	CANA_3	
CANA0045	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930616		1220.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	910723		378.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	910919		505.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	911120		429.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	920203		382.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	920303		396.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	920505		422.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	920727		287.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	920922		442.0000000	11NPSWRD	CANA_3	

Water Quality Observations
Outside STORET Edit Criteria for CANA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	921116		366.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	930119	1200	414.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	930331		355.0000000	11NPSWRD	CANA_3	
CANA0045	00937	POTASSIUM, TOTAL MG/L AS K)	930616		358.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	910919		2520.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	911120		2918.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	920203		3010.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	920303		3300.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	920505		2930.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	921116		3233.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	930119	1200	2600.0000000	11NPSWRD	CANA_3	
CANA0045	00945	SULFATE, TOTAL (MG/L AS SO4)	930616		3070.0000000	11NPSWRD	CANA_3	
CANA0052	00340	COD, .25N K2CR2O7 MG/L	920505		1890.0000000	11NPSWRD	CANA_6	
CANA0052	00340	COD, .25N K2CR2O7 MG/L	920727		1480.0000000	11NPSWRD	CANA_6	
CANA0052	00927	MAGNESIUM, TOTAL (MG/L AS MG)	910919		1080.0000000	11NPSWRD	CANA_6	
CANA0052	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920505		1300.0000000	11NPSWRD	CANA_6	
CANA0052	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930616		1220.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	910723		370.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	910919		507.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	911120		422.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	920203		413.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	920303		393.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	920505		412.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	920727		354.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	920922		364.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	921116		361.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	930119	1200	363.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	930331		367.0000000	11NPSWRD	CANA_6	
CANA0052	00937	POTASSIUM, TOTAL MG/L AS K)	930616		334.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	910919		2780.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	911120		3415.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	920203		3160.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	920303		5640.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	920505		2870.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	920727		7140.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	921116		3196.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	930119	1200	2910.0000000	11NPSWRD	CANA_6	
CANA0052	00945	SULFATE, TOTAL (MG/L AS SO4)	930616		2910.0000000	11NPSWRD	CANA_6	
CANA0053	00340	COD, .25N K2CR2O7 MG/L	910723		1330.0000000	11NPSWRD	CANA_4	
CANA0053	00340	COD, .25N K2CR2O7 MG/L	920505		3510.0000000	11NPSWRD	CANA_4	
CANA0053	00340	COD, .25N K2CR2O7 MG/L	920727		1600.0000000	11NPSWRD	CANA_4	

Water Quality Observations
Outside STORET Edit Criteria for CANA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANA0053	00927	MAGNESIUM, TOTAL (MG/L AS MG)	910919		1100.0000000	11NPSWRD	CANA_4	
CANA0053	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920505		1370.0000000	11NPSWRD	CANA_4	
CANA0053	00927	MAGNESIUM, TOTAL (MG/L AS MG)	920727		1170.0000000	11NPSWRD	CANA_4	
CANA0053	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930616		1260.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	910723		374.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	910919		515.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	911120		406.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	920203		413.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	920303		398.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	920505		416.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	920727		326.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	920922		330.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	921116		362.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	930119	1200	365.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	930331		680.0000000	11NPSWRD	CANA_4	
CANA0053	00937	POTASSIUM, TOTAL MG/L AS K)	930616		354.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	910919		2720.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	911120		3167.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	920203		2970.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	920303		3610.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	920505		2940.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	921116		3060.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	930119	1200	2560.0000000	11NPSWRD	CANA_4	
CANA0053	00945	SULFATE, TOTAL (MG/L AS SO4)	930616		3100.0000000	11NPSWRD	CANA_4	
CANA0058	00500	RESIDUE, TOTAL (MG/L)	721213	1820	31250.0000000	21FLA	27010460	
CANA0058	00510	RESIDUE, TOTAL FIXED (MG/L)	721213	1820	26960.0000000	21FLA	27010460	
CANA0058	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	721213	1820	31230.0000000	21FLA	27010460	
CANA0058	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	821005	1400	8.2100000	21FLA	27010460	
CANA0058	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	830405	1430	5.1300000	21FLA	27010460	
CANA0058	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	830719	1150	5.8200000	21FLA	27010460	
CANA0063	00500	RESIDUE, TOTAL (MG/L)	721213	1800	30840.0000000	21FLA	27010459	
CANA0063	00510	RESIDUE, TOTAL FIXED (MG/L)	721213	1800	26560.0000000	21FLA	27010459	
CANA0063	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	721213	1800	30830.0000000	21FLA	27010459	

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) CANATABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) CANASITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) CANAAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) CANAAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) CANAOV0.DOC - Overview of park and retrieved data.

(e) CANAOV1.DOC - Station period of record table.

(f) CANAOV2.DOC - Parameter period of record table.

(g) CANAOV3.DOC - Station/parameter period of record table.

(h) CANAINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) CANASEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) CANAEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) CANAIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) CANABAD.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 CANAOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\CANAOV1.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) CANAFIGS.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 CANA0001. 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 CANA0001) 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) CANAPARM.ZIP

This file compresses CANAPARM.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) CANASITE.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) CANAWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) CANAIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) CANADRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) CANAGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) CANADAMS.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) CANAMISC.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) CANAEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) CANATOC.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) CANAREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) CANAWQ - 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 (CANAWQA, CANAWQB, CANAWQC, etc.) and the index map name will end with an ampersand (&).

(g) CANAIDG - 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 (CANAIDGA, CANAIDGB, CANAIDGC, 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) CANASEHY - 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 CANAFIGS.ZIP and CANATABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in CANAMISC.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) CANARF3.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) CANAWQMW.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: CANAPARM.DBF in CANAPARM.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: CANAPARM.DBF in CANAPARM.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: CANAPARM.DBF in CANAPARM.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: CANAWQ.DBF in CANASITE.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: CANAWQ.DBF in CANASITE.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: CANAIFD.DBF in CANASITE.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: CANAIFD.DBF in CANASITE.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: CANAIFD.DBF in CANASITE.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: CANADRIN.DBF in CANASITE.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: CANADRIN.DBF in CANASITE.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: CANADRIN.DBF in CANASITE.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: CANAGAGE.DBF in CANASITE.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: CANAGAGE.DBF in CANASITE.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: CANADAMS.DBF in CANASITE.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: CANADAMS.DBF in CANASITE.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: CANADAMS.DBF in CANASITE.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: CANADAMS.DBF in CANASITE.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 CANARF3.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 CANARF3.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 CANARF3.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 CANARF3.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 CANARF3.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 CANARF3.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

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

Literature Cited

Code of Federal Regulations. 1994. Protection of Environment. 40 CFR Parts 100 to 149. Revised as of July 1, 1994. Published by the Office of the Federal Register, National Archives and Records Administration. U.S. Government Printing Office, Washington, D.C. 20402.

Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.

GKY and Associates. 1990. Dam Inventory Database and Retrieval Software: Final Report. U.S. Environmental Protection Agency, Water Quality Analysis Branch. Under Contract #68-03-3339.

Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.

National Park Service. 1993. Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service. National Park Service, Washington Office, Servicewide Inventory and Monitoring Program, Washington, D.C. Unpublished. 17p.

U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.

U.S. Environmental Protection Agency. 1989. STORET User Handbook. U.S. Environmental Proteciton Agency, Office of Water, Washington, D.C. 20460.

U.S. Environmental Protection Agency. 1992. Office of Water Environmental and Program Information Systems Compendium. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 152p.

U.S. Environmental Protection Agency. 1993. Technical Description of the Reach File. U.S. Environmental Protection Agency, Office of Water, Washington, D.C. 20460. 23p.

U.S. Geological Survey. 1982. A U.S. Geological Survey Data Standard: Codes for the Identification of Hydrologic Units in the United States and Caribbean Outlying Areas. Geological Survey Circular 878-A. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 115p.

U.S. Geological Survey 1992. Hydro-Climatic Data Network: A U.S. Geological Survey Streamflow Data Set for the United States for the Study of Climate Variations 1874-1988. Open File Report 92-129/USGS Water Supply Paper No. 2406. U.S. Geological Survey, Water Resources Division, Reston, VA. 22092. 193p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Appendix I

Selected General Water Quality References

American Public Health Association. 1989. Standard Methods for the Examination of Water and Wastewater (17th ed.). Washington, D.C. 1476p.

Drever, J. I. 1982. The Geochemistry of Natural Waters. Prentice-Hall, Inc., Englewood Cliffs, NJ. 388p.

Dunne, T. and L. B. Leopold. 1978. Water in Environmental Planning. W.H. Freeman and Company, San Francisco, CA. 818p.

Everett, L. G. 1980. Groundwater Monitoring. General Electric Co., Schenectady, NY. 440p.

Fetter, C. W. 1988. Applied Hydrogeology (2nd ed.). MacMillan Publishing Co., New York, NY. 592p.

Flora, M. D., T. E. Ricketts, J. Wilson, and S. Kunkle. 1984. Water Quality Criteria: An Overview for Park Natural Resource Specialists. WRFSL Report No. 84-4. National Park Service, Water Resources Field Support Laboratory, Fort Collins, CO. 46p.

Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York, NY. 320p.

Hem, J. D. 1985. Study and Interpretation of the Chemical Characteristics of Natural Water (3rd ed.). U.S. Geological Survey Water-Supply Paper 2254. U.S. Government Printing Office, Washington, D.C. 263p.

Kunkle, S., W. S. Johnson, and M. Flora. 1987. Monitoring Stream Water Quality for Land-Use Impacts: A Training Manual for Natural Resource Management Specialists. Water Resources Division, National Park Service, Fort Collins, CO. 102p.

Kunkle, S. and J. Wilson. 1984. Specific Conductance and pH Measurements in Surface Waters: An Introduction for Park Natural Resource Specialists. Water Resources Field Support Laboratory Report No. 84-3. National Park Service, Water Resources Division, Fort Collins, Colorado 80525. 51p.

Merritt, R. W., and K. W. Cummins (eds.). 1984. An Introduction to the Aquatic Insects of North America (2nd ed.). Kendall/Hunt Publishing Co., Dubuque, IA. 44p.

Morel, F. M. 1983. Principles of Aquatic Chemistry. John Wiley & Sons, Inc., New York, NY. 446p.

Nielsen, D. M. (ed.). 1991. Practical Handbook of Ground-Water Monitoring. Lewis Publishers, Inc. Chelsea, MI. 717p.

Ponce, S. L. 1980a. Statistical Methods Commonly Used in Water Quality Data Analysis. WSDG Technical Paper WSDG-TP-00001. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 136p.

Ponce, S. L. 1980b. Water Quality Monitoring Programs. WSDG Technical Paper WSDG-TP-00002. U.S. Department of Agriculture, Forest Service, Watershed Systems Development Group, Fort Collins, CO. 68p.

Rand, G. M. and S. R. Petrocelli (eds.). 1985. Fundamentals of Aquatic Toxicology. Hemisphere Publishing Co., New York, NY. 666p.

Rantz, S. E. and others. 1982. Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge. Volume 2. Computation of Discharge. U.S. Department of the Interior, Geological Survey Water Supply Paper 2175. 631p.

Stednick, J.D. and D. M. Gilbert. 1998. Water Quality Inventory Protocol: Riverine Environments. National Park Service, Water Resources Division Technical Report NPS/NRWRD/NRTR-98/177. Fort Collins, CO. 103p.

Stednick, J. D. 1991. Wildland Water Quality Sampling and Analysis. Academic Press, Inc., San Diego, CA. 217p.

United Nations Educational, Scientific and Cultural Organization (UNESCO). 1978. Water Quality Surveys: A Guide for the Collection and Interpretation of Water Quality Data. IHD-WHO Working Group on the Quality of Water, Paris, France. 350p.

U.S. Department of the Interior. 1977. National Handbook of Recommended Methods for Water-Data Acquisition. U.S. Geological Survey, Office of Water-Data Coordination, Reston, VA. 990p.

U.S. Environmental Protection Agency. 1978. Microbiological Methods for Monitoring the Environment: Water and Wastes. R. H. Border, J. A. Winter, and P. W. Scarpino. EPA-600/8-78-017. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 338p.

U.S. Environmental Protection Agency. 1979b. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-020. (Revised March 1983). Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 460p.

U.S. Environmental Protection Agency. 1983. Water Quality Standards Handbook. Office of Water Regulations and Standards, Washington, D.C. 218p.

U.S. Environmental Protection Agency. 1995. Quality Criteria for Water 1995. Final Draft. Office of Water Regulations and Standards, Washington, D.C.

U.S. Environmental Protection Agency. 1989. Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish. J. L. Plafkin, M. T. Barbour, K. D. Porter, S. K. Gross, and R. M. Hughes. EPA-444/4-89-001. Office of Water Regulations and Standards, Assessment and Watershed Protection Division, Washington, D.C. 162p.

U.S. Environmental Protection Agency. 1990. Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters. D. J. Klemm, P. A. Lewis, F. Fulk, and J. M. Lazorchak. EPA-600/4-90-030. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 256p.

U.S. Environmental Protection Agency. 1991a. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (4th ed.). C. I. Weber, ed. EPA-600/4-90-027. Office of Research and Development, Environmental Monitoring Systems Laboratory, Cincinnati, OH. 293p.

U.S. Environmental Protection Agency. 1991b. Monitoring Guidelines to Evaluate Effects of Forestry Activities on Streams in the Pacific Northwest and Alaska. L. H. MacDonald, A. W.Smart, and R. C. Wissmar. EPA-910/9-91-001. Region 10, Seattle, WA. 162p.

U.S. Environmental Protection Agency. 1993. Guide to Federal Water Quality Programs and Information. T. Stuart and N. P. Ross. EPA-230-B-93-001. Office of Strategic Planning and Environmental Data, Environmental Statistics and Information Division. Washington, D.C. 194p.

Verschueren, K. 1983. Handbook of Environmental Data on Organic Chemicals (2nd ed.). Van Nostrand Reinhold Co., New York, NY. 1310p.

Viessman W. and M. J. Hammer. 1985. Water Supply and Pollution Control (4th ed.). Harper and Row, Publishers, Inc. New York, NY. 797p.

Ward, R. C., J. C. Loftis, and G. B. McBride. 1990. Design of Water Quality Monitoring Systems. Van Nostrand Reinhold Co., New York, NY. 231p.

Wetzel, R. G. 1983. Limnology (2nd ed.). Sanders College Publishing, Philadelphia, PA. 767p.





As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.