Baseline Water Quality Data

Inventory and Analysis

National Capital Parks - Central



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

NATIONAL CAPITAL PARKS - CENTRAL

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located six industrial/municipal dischargers; four drinking water intakes; four active or inactive U. S. Geological Survey (USGS) or U. S. National Oceanic Survey water gages (including stream and estuary); and no water impoundments. The results of the STORET retrieval for the study area yielded 131,713 observations for 513 separate parameters collected by the NPS, USGS, EPA, Interstate Commission on the Potomac River Basin (ICPRB), Washington D.C. Department of Consumer and Regulatory Affairs (DCRA), Maryland Department of Natural Resources (MDNR), and Virginia Department of Environmental Protection at 190 monitoring stations from 1963 to 1998. Approximately 63 percent of the 131,713 observations within the study area were collected by the DCRA from 1983 through 1997. Of the 190 monitoring stations, 13 stations were located within the park boundary (see Station Period of Record Tabulation). Fifty-five of the 190 monitoring stations contained data locked by the ICPRB, DCRA, MDNR, EPA[†], and EXAMPLE[††]. These locked data are not included in the 131,713 total observations retrieved from STORET for the NACC study area. Twenty other stations within the study area (none within the park) were established but contained no data.

Many of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Twenty-eight stations within the study area (one 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 station yielding the longer-term record within the park boundary is Potomac Tidal Basin at the Independence Avenue Bridge (NACC 0101). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) George Washington Memorial Parkway Bridge (NACC 0002); (2) East Side of Key Bridge D.C. (NACC 0136); (3) Highway Bridge Mile 94.50 D.C. (NACC 0078); (4) Hains Point, Wash., D.C. (NACC 0030); and (5) Potomac River at the Memorial Bridge at Washington (NACC 0103)[†††].

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

[††]The two EPA stations with the Agency Code "EXAMPLE," were used for testing STORET data processing procedures.

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

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 NACC water quality criteria screen found 17 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chlorine, cadmium, copper, lead and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Chloride, nitrate, nitrite, nitrite plus nitrate, cadmium, chromium, copper, lead, mercury, and carbon chloroform exceeded their respective EPA drinking water criteria. Dissolved oxygen and pH exceeded their respective EPA criteria for the protection of marine aquatic life. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater and marine bathing, and aquatic life, respectively.

Dissolved oxygen concentrations were measured 12,243 times at 86 monitoring stations from 1963 to 1998. Of the 12,241 observations used in the criteria analysis (see Media Type Screen in Methodology for explanation), 703 concentrations at 53 monitoring stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life from 1963 through 1997.

The pH was measured 10,910 times at 66 monitoring stations from 1963 to 1998. Of the 10,908 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 306 observations at 42 stations were outside the pH range of 6.5 to 8.5 standard units (SU) (EPA chronic criteria for marine aquatic life) or 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life) from 1963 to 1998. One-hundred-six observations at 26 non-marine stations were less than or equal to a pH of 6.5 SU from 1966 to 1998. Eighty-five observations at 23 non-marine stations were greater than or equal to a pH of 9.0 SU from 1964 through 1996. Seventy-two observations at seven marine stations (NACC 0010, NACC 0072, NACC 0094, NACC 0099, NACC 0100, NACC 0105, NACC 0107) were greater than or equal to a pH of 8.5 SU from 1980 through 1996. Forty-three observations at five marine stations (NACC 0010, NACC 0079, NACC 0094, NACC 0100, NACC 0107) were less than or equal to a pH of 6.5 SU from 1980 through 1996. The highest pH of 10.41 SU was reported within NACC at a non-marine station at the west end of the Reflecting Pool (NACC 0108) in April 1995. The lowest pH of 1.5 SU was reported at a non-marine station within George Washington Memorial Parkway (GWMP) in Four Mile Run at the GWMP Bridge (NACC 0002) in March 1976.

Turbidity was measured 2,686 times at 37 monitoring stations from 1963 to 1998. Of the 2,684 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 245 concentrations at 23 stream stations equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1964 through 1996. The highest concentration of 720 JTU was reported in the Potomac River at the Memorial Bridge at Washington (NACC 0103) in February 1966.

Total coliform concentrations were measured 916 times at 47 monitoring stations from 1963 through 1996. Of the 912 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 600 concentrations at 40 stream stations equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1963 through 1996. The highest concentration of 24,000,000 MPN/100 ml was reported twice in the Potomac River at the Arlington Sewage Treatment Plant (STP) effluent (NACC 0003) in February 1967. Fecal coliform concentrations were measured 1,729 times at 52 monitoring stations from 1967 to 1998. Of the 1,715 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 1,097 concentrations at 46 stream and estuary stations exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1967 to 1998. The highest concentration of 16,090,000 MPN/100 ml was reported in the Potomac River at the Arlington STP effluent (NACC 0003) in February 1967.

Total chloride was measured 645 times at 15 monitoring stations from 1963 to 1998. Of the 603 observations used in the criteria analysis[††††], three concentrations, ranging from 428 mg/L to 486 mg/L within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002), exceeded the drinking water criterion of 250 mg/L from 1983 through 1994. The highest concentration of 486 mg/L was reported in February 1994.

Chlorine concentrations (including total residual and free available) were measured 475 times at 11 monitoring stations from 1972 through 1997. Of the 115 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 88 total residual concentrations at three stream stations, in Four Mile Run (NACC 0002, NACC 0004) and the Potomac River at the 14th Street Bridge (NACC 0076), exceeded the acute freshwater criterion of 0.019 mg/L from 1972 through 1987. Sixty-eight of these 88 observations were reported within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002) from 1974 through 1987, including the highest value of 2.5 mg/L in March 1984.

Nitrate concentrations (including dissolved and total) were measured 2,158 times at 36 monitoring stations from 1972 to 1998. Of the 1,958 observations used in the criteria analysis (see Remark Code and Media Type Screens in the Methodology for explanation)[††††], nine concentrations at seven non-marine stations, in Four Mile Run (NACC 0002, NACC 0011), the Potomac River (NACC 0038, NACC 0170), Foundry Branch near Glover-Archibold Park (NACC 0176), and within NACC, at the east end of the Reflecting Pool (NACC 0109) and west end of Constitution Gardens Lake (NACC 0112), exceeded the drinking water criterion of 10 mg/L from 1972 through 1996. The highest concentration of 947 mg/L was reported in the Potomac River at Hains Point Buoy No. 2 (NACC 0038) in July 1981.

Nitrite concentrations (including dissolved and total) were measured 2,464 times at 46 monitoring stations from 1971 to 1998. Of the 2,262 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation)[††††], 36 concentrations at six stream stations, in Rock Creek within Rock Creek Park (NACC 0132, NACC 0175, NACC 0186), within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002), and the Potomac River (NACC 0134, NACC 0171), equaled or exceeded the drinking water criterion of 1 mg/L from 1971 through 1996. Twenty-one of these 36 observations were reported at the three stations in Rock Creek within Rock Creek Park (NACC 0132, NACC 0175, NACC 0186) during the summer of 1971. The highest concentration of 3.299 mg/L was reported within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002) in August 1977.

Nitrite plus nitrate concentrations (including dissolved and total) were measured 951 times at 49 monitoring stations from 1964 through 1997. Of the 783 observations used in the criteria analysis[††††], seven total concentrations, ranging from 11.5 mg/L to 19.2 mg/L in Four Mile Run at the Arlington STP intake (NACC 0007), exceeded the drinking water criterion of 10 mg/L in November 1969.

Cadmium concentrations (including dissolved and total) were measured 326 times at 17 non-marine stations from 1964 through 1995. Of the 299 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), four concentrations at four monitoring stations, in the Potomac River (NACC 0030, NACC 0032, NACC 0171) and within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002), exceeded the acute freshwater criterion of 3.9 micrograms per liter (µg/L) from 1986 through 1991. Three of these four concentrations, at the three stations in the Potomac River (NACC 0030, NACC 0032, NACC 0171), also exceeded the drinking water criterion of 5 µg/L during 1990 and 1991. The highest concentration of 17 µg/L was reported in the Potomac River at the confluence with the Anacostia River (NACC 0032) in January 1991.

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

Chromium concentrations (including dissolved and total) were measured 337 times at 17 non-marine stations from 1964 through 1995. One total concentration of 780 µg/L within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002) exceeded the drinking water criterion of 100 µg/L in December 1974.

Copper concentrations (including dissolved and total) were measured 501 times at 24 monitoring stations from 1964 through 1997. Twenty-seven concentrations at eight stream stations, in Four Mile Run (NACC 0002, NACC 0004, NACC 0011), Foundry Branch near Glover-Archibold Park (NACC 0176), Potomac River (NACC 0076, NACC 0078, NACC 0103), and Rock Creek at the Connecticut Avenue Bridge (NACC 0179), exceeded the acute freshwater criterion of 18 µg/L from 1965 through 1991. The highest concentration of 1,940 µg/L, reported in Foundry Branch near Glover-Archibold Park (NACC 0176), also exceeded the drinking water criterion of 1,300 µg/L in July 1985.

Lead concentrations (including dissolved and total) were measured 337 times at 17 non-marine stations from 1964 through 1995. Nineteen concentrations at seven monitoring stations, in Four Mile Run (NACC 0002, NACC 0004, NACC 0011), the Potomac River (NACC 0030, NACC 0103, NACC 0136), and Rock Creek at the Connecticut Avenue Bridge (NACC 0179), exceeded the drinking water criterion of 15 µg/L from 1965 through 1994. Three of these 27 concentrations also exceeded the acute freshwater criterion of 82 µg/L from 1972 through 1989. The highest concentration of 210 µg/L was reported in Four Mile Run at the Arlington Ridge Road Bridge (NACC 0011) in October 1972.

Total mercury concentrations were measured 322 times at 16 non-marine stations from 1972 through 1995. One concentration of 2 µg/L within GWMP in Four Mile Run at the GWMP Bridge (NACC 0002) equaled the drinking water criterion of 2 µg/L in May 1975.

Zinc concentrations (including dissolved and total) were measured 332 times at 17 non-marine stations from 1964 through 1995. Forty-five concentrations at 14 monitoring stations equaled or exceeded the acute freshwater criterion of 120 µg/L from 1965 through 1994. The highest concentration of 3,854 µg/L was reported within GWMP in the Potomac River at Fletchers Boat House (NACC 0171) in October 1990.

Carbon chloroform concentrations were measured 132 times in the Potomac River at the Memorial Bridge at Washington (NACC 0103) from 1963 through 1969. One-hundred-seven concentrations exceeded the drinking water criterion of 100 µg/L from 1963 through 1969. The highest concentration of 1,299 µg/L was reported in July 1967.

The IDEA conducted for NACC indicates that STORET data exist for all 13 Level I parameter groups in the study area. For the group Chlorophyll, less than 15 percent of the observations were recorded since 1985. For nine parameter groups (Alkalinity, pH, Conductivity, Dissolved Oxygen, Water Temperature, Flow, Clarity/Turbidity, Sulfates/Total Dissolved Solids/Hardness, and Toxic Elements) at least 71 percent of the observations were recorded since 1985. Overall, 72 percent of the observations for Level I parameter groups were recorded since 1985. Relative to other parameter groups, data were limited for the groups Alkalinity, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements. Data for the groups Alkalinity, Flow, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements were recorded at less than half of the 115 monitoring stations with data. Results for 121 of the 126 EPA priority toxic pollutants (consisting of organic parameters, metals, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the NACC study area include the Potomac and Anacostia Rivers; the Washington Channel; Rock, Four Mile, Foundry, and many other creeks, runs, and branches; some reservoirs and tidal basins; and estuaries. The Potomac River is influenced by tidal flow and contains fresh and saline waters in transition. The data inventories and analyses contained in this report indicate that surface waters within the study area have been impacted by human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; landfill operations; quarrying activities; stormwater runoff; recreational use; and atmospheric deposition.

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) 38
Industrial Facilities Discharges, Drinking Water Intakes, Water Gages,
and Water Impoundments Table 39
Representative Mean Annual Hydrograph for Seasonal Analysis 40
Contacts for Agency Codes Retrieved 41
Quantity of Data Retrieved by Agency Code 42
Station Period of Record Tabulation 43
Parameter Period of Record Tabulation 46
Station/Parameter Period of Record Tabulation 54
Station-By-Station Results 89
NACC0001 Po.R. Bolling Afb Near C"9" 91
NACC0002 George Washigton Parkway Bridge 92
NACC0003 Po.R. Arlington STP Effluent 180
NACC0004 Arlington STP Effluent 181
NACC0005 Po.R. Off Hunter Pt. Nat.Airport 183
NACC0006 Arlington,VA. STP 184
NACC0007 Arlington,VA. STP 185
NACC0008 Geisboro Point, Dist.Of Columbia 186
NACC0009 Four Mile Run at George Washington Parkway 192
NACC0010 Potomac River at Geisboro Point 197
NACC0011 Arlington Ridge Road Bridge 201
NACC0012 Potomac at Naval Res Lab Trans P2 203
NACC0013 Potomac at Naval Res Lab Trans P3 204
NACC0014 Potomac at Naval Res Lab Trans P4 205
NACC0015 Potomac at Naval Res Lab Trans P5 206
NACC0016 Potomac at Naval Res Lab Trans P55 207
NACC0017 Potomac at Naval Res Lab Trans P6 208
NACC0018 Potomac at Naval Res Lab Trans P7 209
NACC0019 Potomac at Naval Res Lab Trans P8 210
NACC0020 Potomac at Naval Res Lab 211
NACC0021 Potomac at Hains Point Trans J1 212
NACC0022 Potomac at Hains Point Trans J15 213
NACC0023 Potomac at Hains Point Trans J2 214
NACC0024 Potomac at Hains Point Trans J4 215
NACC0025 Potomac at Hains Point Trans J6 216
NACC0026 Potomac at Hains Point Trans J7 217
NACC0027 Potomac at Hains Point Trans J8 218
NACC0028 Potomac at Hains Point Trans J85 219
NACC0029 Potomac at Hains Point Trans J9 220
NACC0030 Hains Point, Wash., D.C. 221
NACC0031 Hains Point North, D.C. 235
NACC0032 Potomac Confluence G.R. D.C. 240
NACC0033 Potomac River South of Hain's Point 251

NACC0034 Poto.R. Haines Pt. at Rb 1 Qk Fl 255
NACC0035 Poto.R. Haines Pt. Btw C1&Wst Sh 256
NACC0036 Potomac River at Hains Point 257
NACC0037 Pot., N. Bolling Fld. Can 9 Mc 258
NACC0038 Potomac River, Haines Pt. Buoy 2 259
NACC0039 Potomac River at Haines Pt. N 2 265
NACC0040 Anacostia R. Off Haines Point 266
NACC0041 Washington Channel Junction, D.C. 267
NACC0042 Potomac R. Off Haines Pt. D.C. 272
NACC0043 Haines Pt-Station 3 273
NACC0044 Anacostia R. Wash.Chanl R&B Buoy 274
NACC0045 Nation Airport North, D.C. 275
NACC0046 Poto.R. Anacostia Chan Rb"N" 281
NACC0047 Potomac River Northwest of Hain's Point 282
NACC0048 Greenleaf Point, D.C. 286
NACC0049 Potomac River at Hains Point 291
NACC0050 Potomac River Buoy 4 Haines Pt. 292
NACC0051 Buzzard Pt. Marina, D.C. 293
NACC0052 Potomac River at Dangerfield Island 302
NACC0053 Buzzard Pt. Power Plant, D.C. 304
NACC0054 Washington Channel North,Wash.DC 310
NACC0055 Roaches Run, D.C. 311
NACC0056 Pentagon STP Arlington,VA. 317
NACC0057 Washington Channel North of Greenleaf Point 318
NACC0058 S. Capital St. Bridge South, D.C. 322
NACC0059 Potomac River Buoy 6 Haines Pt. 328
NACC0060 Anacostia R. S.Capitol St.Br. 329
NACC0061 Anacostia R. S.Capitol St.Br. 330
NACC0062 Anacostia R. at S. Capital Brdg. 331
NACC0063 Pennsylvania Avenue Bridge-Anacostia River 332
NACC0064 Anacostia River Underneath Douglass Bridge 333
NACC0065 Gravelly Pt. & North Course Marker, D.C. 337
NACC0066 Potomac River, Washington Ch at Ft Mc Nair 343
NACC0067 Navy Yard West,Wash.D.C. 345
NACC0068 Po.R. Off Haines Pt. Near N"2" 351
NACC0069 Po.R. Off Haines Pt. Near N"2" 352
NACC0070 Potomac R at East Potomac Park 353
NACC0071 East Potomac River @ Washington,DC 354
NACC0072 Potomac River at 14th Street Br Wash DC 356
NACC0073 Washington Channel D.C. 358
NACC0074 Potomac River at 14th St. Bridge 369
NACC0075 Potomac River at 14th St. Bridge 375
NACC0076 14th Street Bridge 376
NACC0077 Po.R. 14th St.Br. Wash.,D.C. 379
NACC0078 Highway Bridge Mile 94.50 D.C. 380
NACC0079 Potomac River @ Int. of Buckeye Dr. and Ohio Dr. 394
NACC0080 Memorial Bridge-Station 2B 395
NACC0081 Potomac River Park @ N. of Wilson Bridge 396
NACC0082 Tut's Apartment Used for Testing 398
NACC0083 Tut's Apartment Used for Testing 399
NACC0084 Potomac R. 14th St.Br. Wash,D.C. 400
NACC0085 Po.R. 14th St.Br. Wash.,D.C. 401
NACC0086 14th St Bridge-Station 2 402
NACC0087 Potomac at 14th Street Bridge Trans H2 403

NACC0088 Potomac at 14th Street Bridge Trans H4 404
NACC0089 Potomac at 14th Street Bridge Trans H6 405
NACC0090 Potomac at 14th Street Bridge Trans H8 406
NACC0091 Potomac R. 14th St.Br. Buoy N 10 407
NACC0092 Potomac at Naval Res Lab Trans P1 408
NACC0093 Poto.R. Shallows Btw N10&Tdl Bsn 409
NACC0094 Washington Channel Se of Case Bridge 410
NACC0095 Washington Channel,Wash.D.C. 412
NACC0096 South of Cable Crossing, D.C. 413
NACC0097 Po.R. Off East Potomac Park,DC 419
NACC0098 Potomac Tidal Basin at Independence Ave Bridge 420
NACC0099 Tidal Basin at End of Paddleboat Floating Dock 421
NACC0100 Tidal Basin @ Old West Basin Dr and Independence 423
NACC0101 Potomac Tidal Basin at Independence Ave Bridge 425
NACC0102 Potomac River at Memorial Bridge 436
NACC0103 Potomac River at Washington 441
NACC0104 Memorial Bridge Washington DC 450
NACC0105 Tidal Basin In Half Moon Near Survey Lodge 451
NACC0106 Memorial Bridge, Wash., D.C. 452
NACC0107 Potomac River at Memorial Bridge 458
NACC0108 Reflecting Pool - West End at Center 461
NACC0109 Reflecting Pool - East End at Center 463
NACC0110 Constitution Gardens Lake - East End 465
NACC0111 Constitution Gardens Lake @ Bridge To Signers Is 467
NACC0112 Constitution Gardens Lake - West End 469
NACC0113 Rosevelt Bridge Wash., D.C. 471
NACC0114 Potomac at Memorial Bridge Trans G15 472
NACC0115 Potomac at Memorial Bridge Trans G1 473
NACC0116 Potomac at Memorial Bridge Trans G2 474
NACC0117 Potomac at Memorial Bridge Trans G3 475
NACC0118 Potomac at Memorial Bridge Trans G4 476
NACC0119 Potomac at Memorial Bridge Trans G5 477
NACC0120 Potomac at Memorial Bridge Trans G6 478
NACC0121 Potomac at Memorial Bridge Trans G8 479
NACC0122 Potomac at Memorial Bridge Trans G9 480
NACC0123 Po.R. Roosevelt Mem.Br. Wash,DC 481
NACC0124 Po.R. Roosevelt Memorial Br. DC 482
NACC0125 C&O Canal Georgetown, D.C. 483
NACC0126 Kennedy Center,Wash.D.C. 487
NACC0127 Washington Aqueduct 488
NACC0128 Rgn 3 489
NACC0129 South Bank of Rock Creek D.C. 492
NACC0130 Rock Creek at Virginia Avenue 498
NACC0131 Rock Creek North D.C. 499
NACC0132 Rock Creek Park 505
NACC0133 Roosevelt Island, Wash., D.C. 506
NACC0134 Potomac River at Key Bridge 511
NACC0135 Potomac River at Key Bridge 517
NACC0136 East Side of Key Bridge D.C. 518
NACC0137 Potomac R. Off Key Br. Wash,D.C. 532
NACC0138 Po.R. at Key Bridge Wash.,D.C. 533
NACC0139 Fairfax-Westgate,VA. STP 534
NACC0140 Key Bridge-Station 1 535
NACC0141 Potomac at Roosevelt Island Trans D1 536

NACC0142 Potomac at Roosevelt Island Trans D2 537
NACC0143 Potomac at Roosevelt Island Trans D6 538
NACC0144 Potomac at Roosevelt Island Trans D8 539
NACC0145 Po.R. at Key Br. Washington,D.C. 540
NACC0146 Key Bridge Washington DC 541
NACC0147 Georgetown Univ. In Line With Both Spires, D.C. 542
NACC0148 Rock Creek Park 548
NACC0149 Three Sisters Island, Wash.,D.C. 549
NACC0150 Three Sisters Island Wash DC 555
NACC0151 Potomac at Three Sisters Island 556
NACC0152 Spout Run,Wash.,D.C. 557
NACC0153 Rock Creek at M Street Bridge 563
NACC0154 M Street Bridge- 564
NACC0155 Po.R.-Rock Creek at M St.Br. DC 565
NACC0156 Windy Run Waterfall , Wash.,D.C. 566
NACC0157 Potomac Above Windy Run 572
NACC0158 Potomac Above Windy Run 573
NACC0159 Rock Creek at P Street Wash.,D.C. 576
NACC0160 Fletchers Boat House South Wash.D.C. 577
NACC0161 Near Beechwood Hills 583
NACC0162 Anacostia Aquatic Gardens D.C. 584
NACC0163 Fletcher's Boathouse South 585
NACC0164 Rock Creek Park 586
NACC0165 Potomac at Fletcher's Boathouse Trans A1 587
NACC0166 Potomac at Fletcher's Boathouse Trans A2 588
NACC0167 Potomac at Fletcher's Boathouse Trans A8 589
NACC0168 Potomac at Fletcher's Boathouse Trans A9 590
NACC0169 Opp DC Tributary 591
NACC0170 Po.R. Opposite D.C. Tributary 592
NACC0171 Fletchers Boat House Wash.D.C. 594
NACC0172 Rock Creek Park 607
NACC0173 Rock Creek at Conn. Avenue 608
NACC0174 Rock Creek at West Beach Drive 609
NACC0175 Rock Creek Park 610
NACC0176 Foundry Branch Park, D.C. 611
NACC0177 C&O Canal Fletcher's Boathouse, D.C. 621
NACC0178 National Zoo Off Bridge Wash.,D.C.. 631
NACC0179 Rock Creek at Conn. Avenue 632
NACC0180 Rock Creek Park 643
NACC0181 Rock Creek/Klingle Road, D.C. 644
NACC0182 Rock Creek Park 649
NACC0183 Rock Creek Park 650
NACC0184 Rock Creek at Pierce Mill Wash.,D.C.. 651
NACC0185 Rock Creek Park 652
NACC0186 Rock Creek Park 653
NACC0187 Rock Creek Park 654
NACC0188 Rock Creek Park 655
NACC0189 Key Bridge-Station 1 656
NACC0190 Rock Creek Park 657
EPA Water Quality Criteria Analysis for Entire Park Study Area 658
NPS Servicewide Inventory and Monitoring Program
"Level I" Water Quality Inventory Data Evaluation and Analysis (IDEA) 661
Water Quality Observations Outside STORET Edit Criteria for Park 669

V. APPENDICES 679
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.

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

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

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

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

Greg Harp and Clint Bassett helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Dawn Grandbois, Bill Folsom, Dana Griffin, and Scott Ratchford provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Curtis Cooper, Adam Henson, Shawndra Mawhorter, Lisa Smith, Ryan Shy, Lisa Dummer, Eric Lord, Adriane Petersen, Margaret Matter, Richard Henderson, Ronda Burns, and Aria Brissette uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

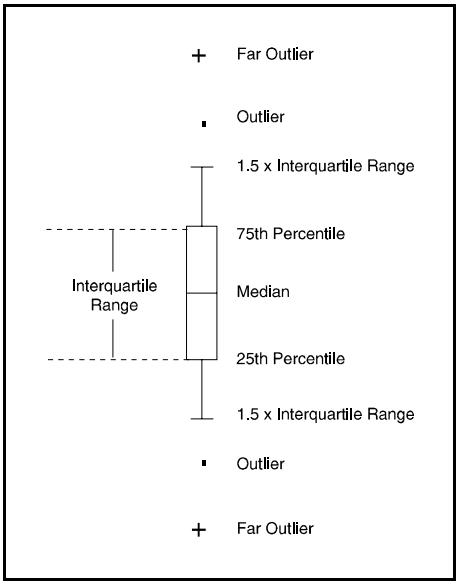
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR NACC

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:	29459	1081
# STORET Stations:	190	13
# Stations With No Data:	20	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	28	1
Date of STORET Retrieval:	09/04/98	09/04/98
Period of Record:	07/01/63-08/04/98	01/24/67-02/14/97
# Parameters Measured:	513	57
# Water Quality Observations:	131713	6850
# Industrial/Municipal Facilities:	6	0
# Drinking Water Intakes:	4	0
# Water Gages:	4	0
# Water Impoundments:	0	0
# Total Plots:	67	0
# Time Series:	23	0
# Annual:	17	0
# Seasonal:	27	0

Hydrologic Definition of Seasons:

1. July 1 - October 14
2. October 15 - March 31
3. April 1 - June 30

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 15 years and at least 80 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 15 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.

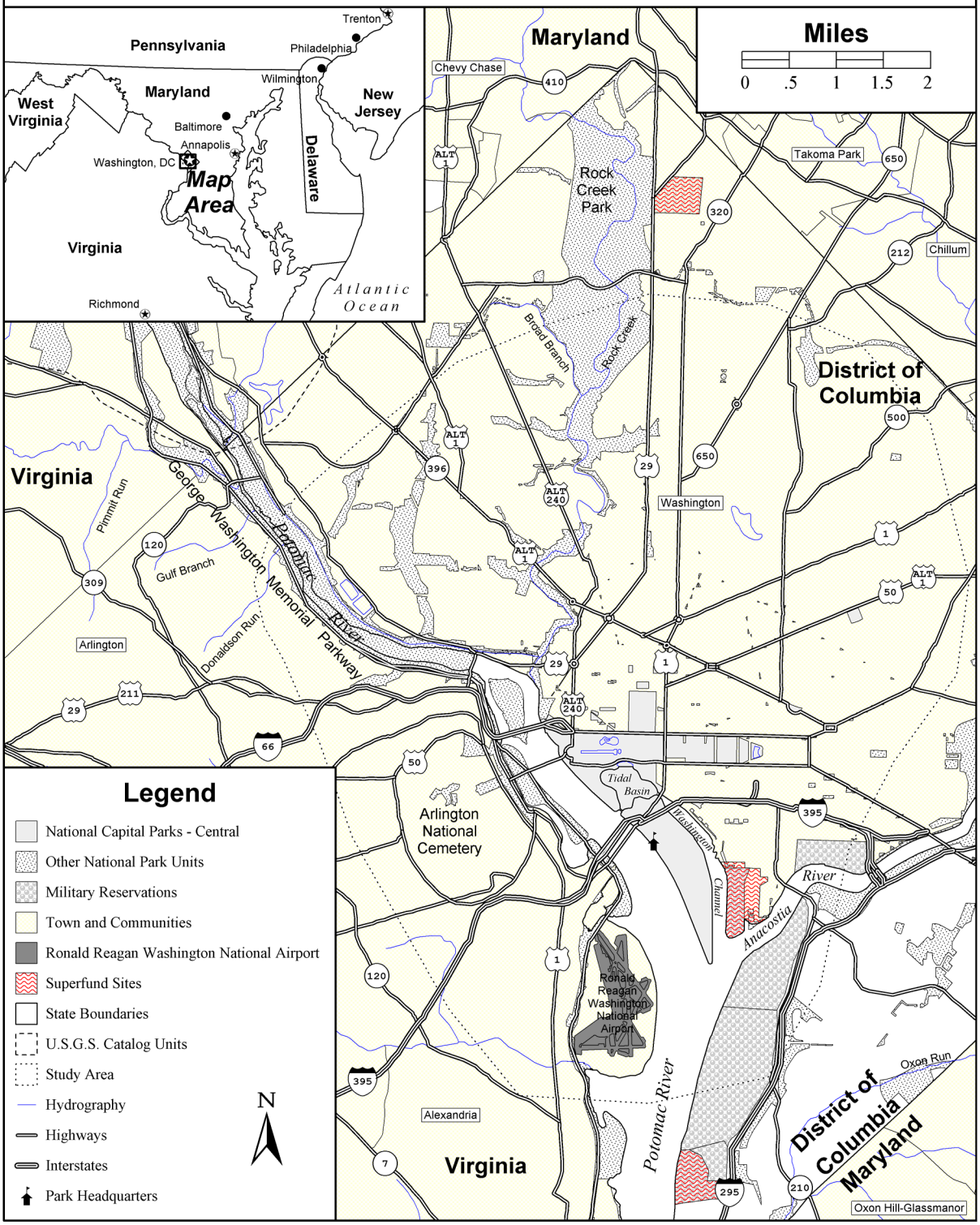
Seasonal Analysis Criteria:

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 15 years and observations in at least 4 of the 15 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.

National Capital Parks - Central

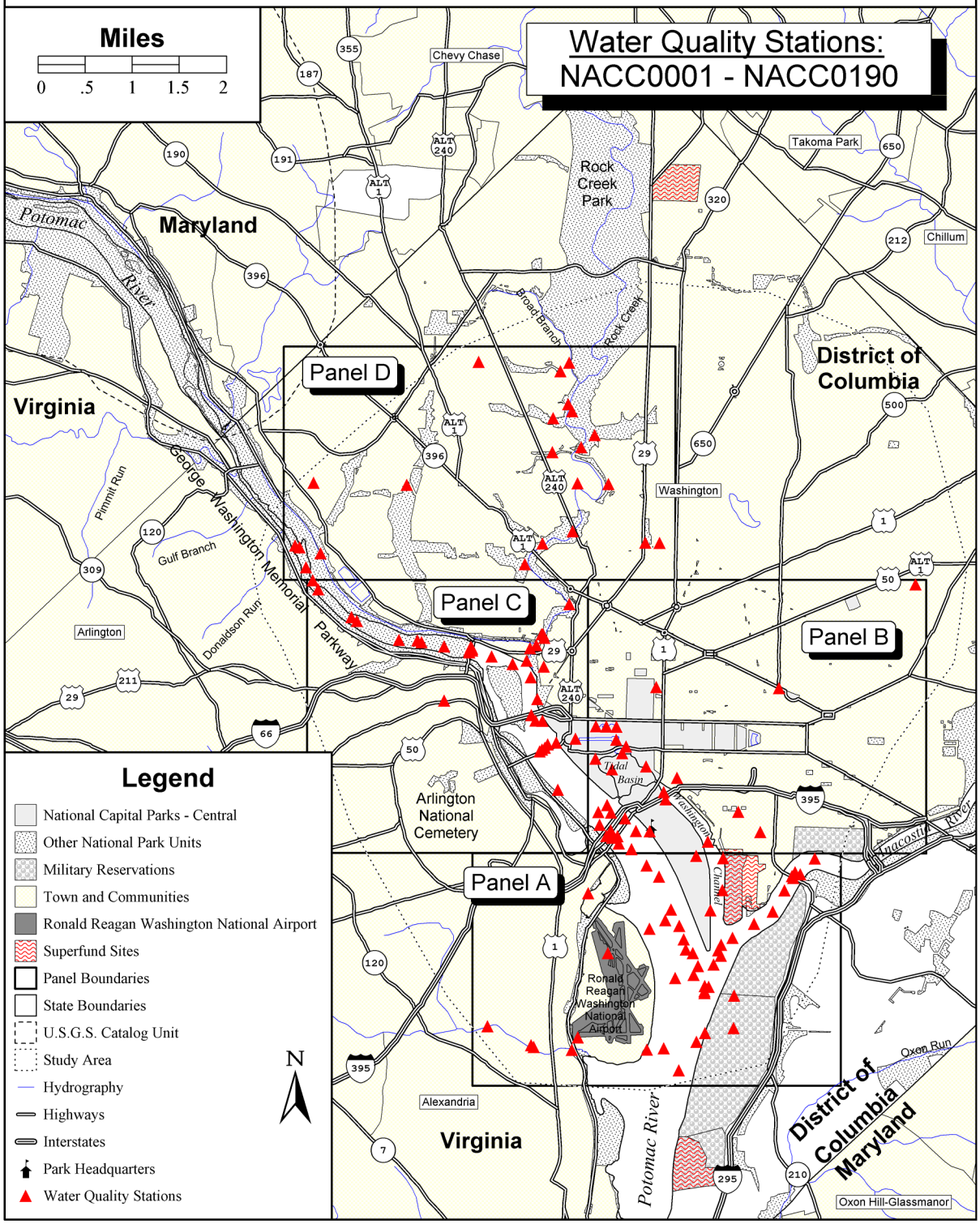
Regional Location Map



National Capital Parks - Central

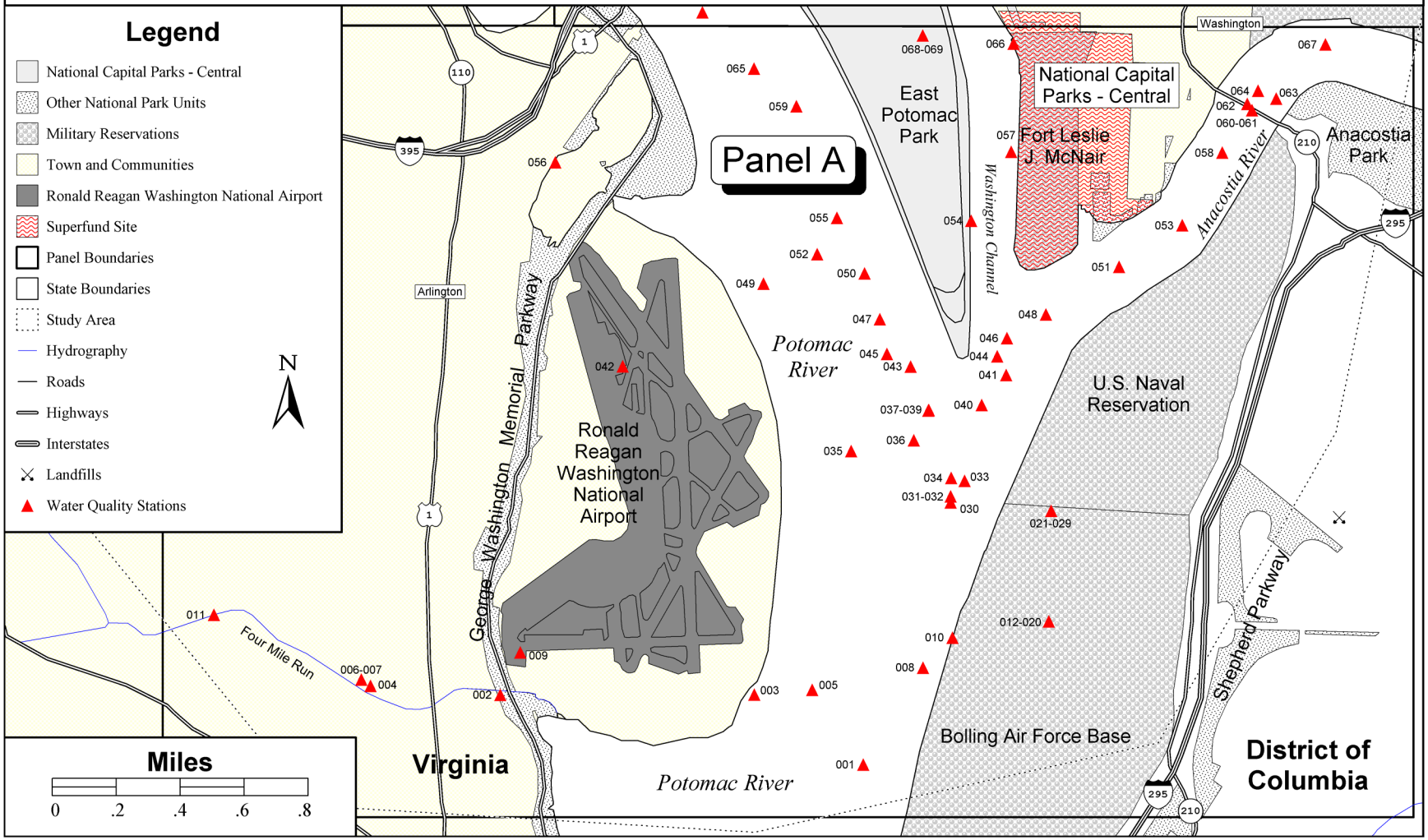
Water Quality Monitoring Locations

Graphic Panel Index



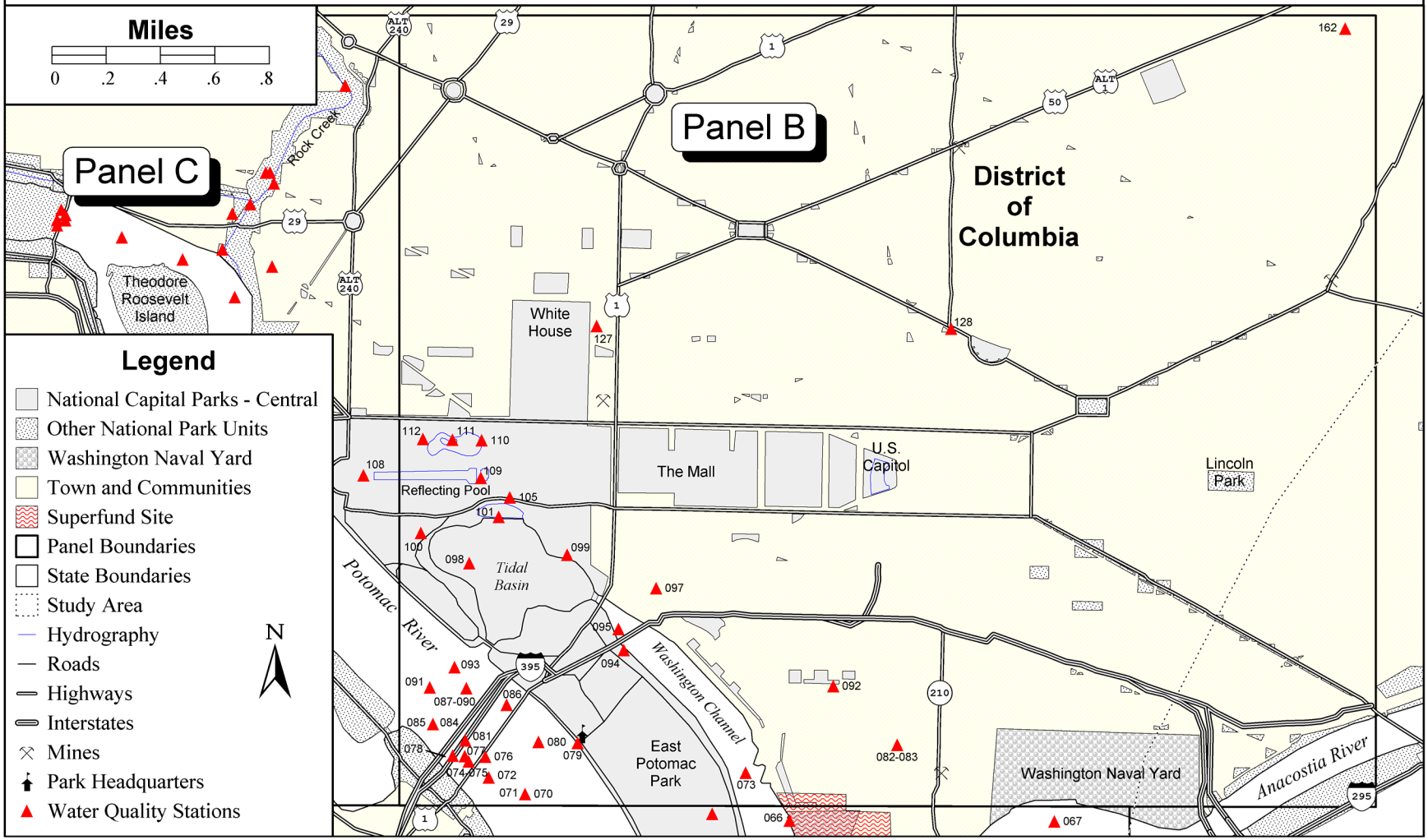
National Capital Parks - Central

Water Quality Monitoring Locations



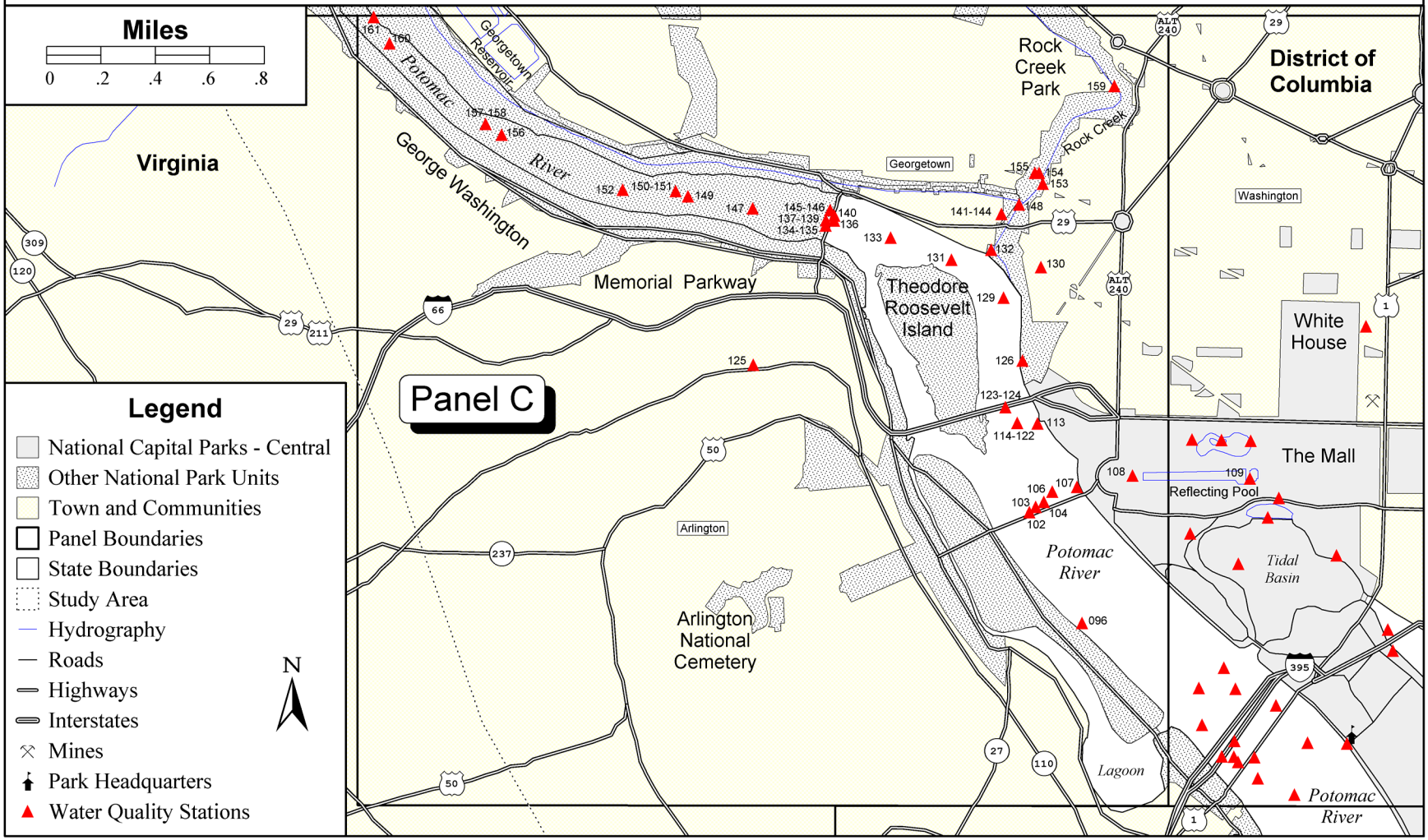
National Capital Parks - Central

Water Quality Monitoring Locations



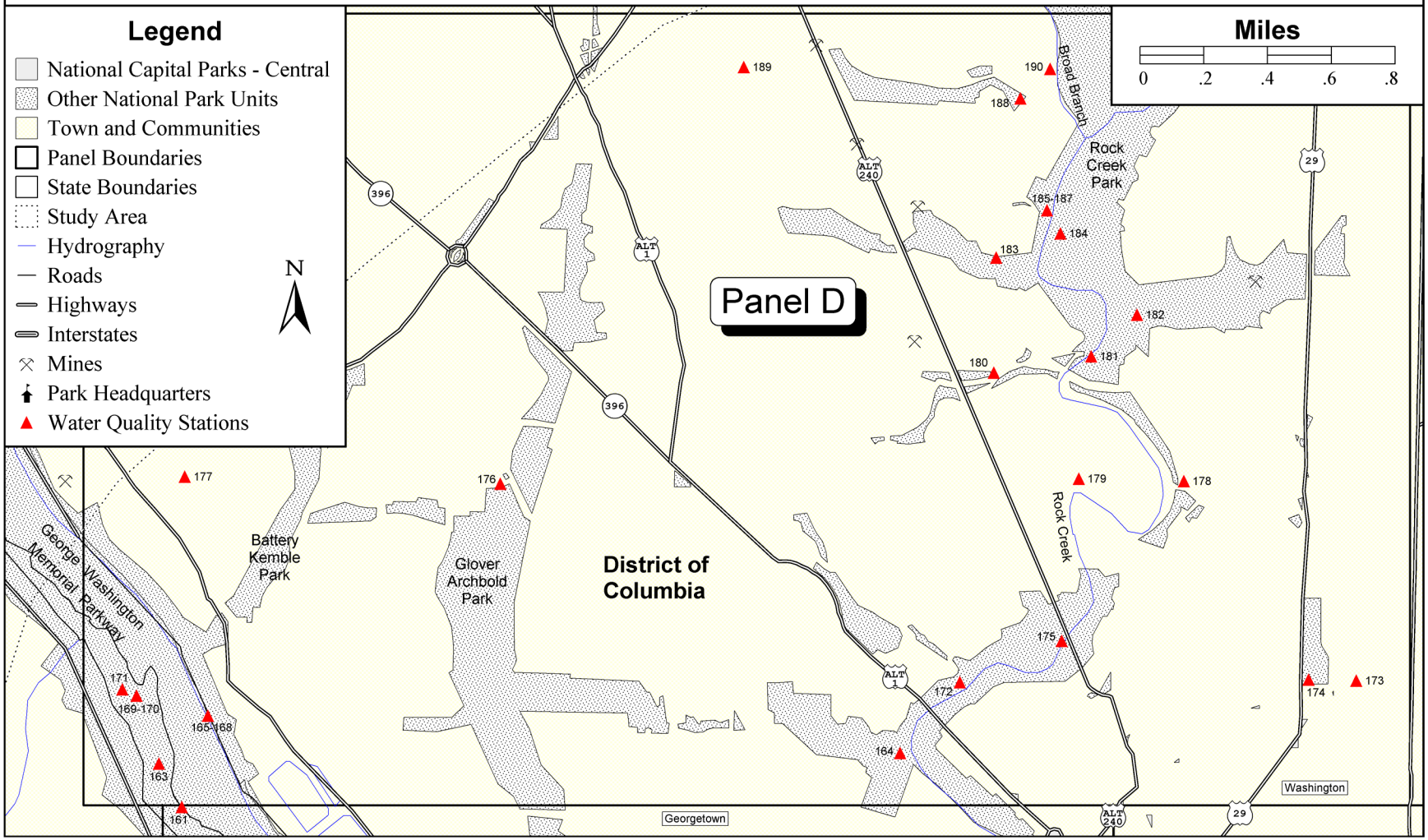
National Capital Parks - Central

Water Quality Monitoring Locations



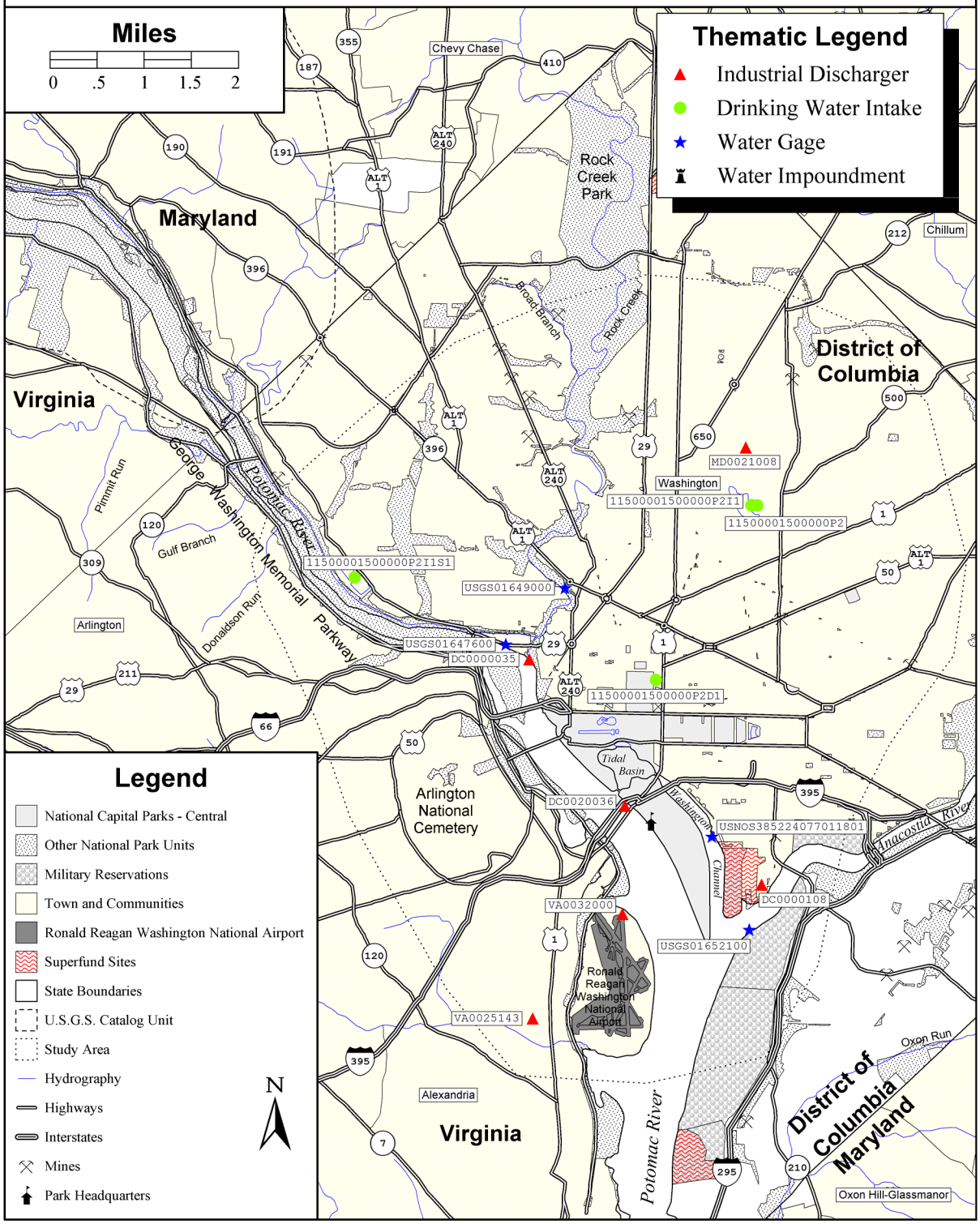
National Capital Parks - Central

Water Quality Monitoring Locations



National Capital Parks - Central

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
DC0000035	WEST HEATING PLANT	GSA NCRHOTP, ROOM 6672	WASHINGTON	POTOMAC RIVER
DC0000108	PEPCO BUZZARD POINT	1900 PENNSYLVANIA AVE.	WASHINGTON	ANACOSTIA RIVER
DC0020036	GSA CENTRAL HEATING & REFRIGER	13TH & C STS SW	WASHINGTON	WASHINGTON CHANNEL TO POTOMAC
MD0021008	GREENBRIAR TEMPORARY STP	4017 HAMILTON ST	HYATTSVILLE	UNNAMED TRIB. TO BEAVERDAM CRE
VA0025143	ARLINGTON	S GLEBE RD	.....	FOUR MILE RN
VA0032000	GSA VA HEATING & REFRIGERATION	CLARK ST	ARLINGTON	ROACHES RN

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
11500001500000P2	MCMILLAN TRTMT PLNT	DISTRICT OF C	1100000	0.00
11500001500000P2D1	DISTRICT OF C	1100000		0.00
11500001500000P2I1	MCMILLAN RESERVOIR	DISTRICT OF C	1100000	0.00
11500001500000P2I1S1	GEORGETOWN RESERVOI	DISTRICT OF C	1100000	0.00

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS01649000	ROCK C AT Q STREET W	Stream	75.80	1929	1933
USGS01652100	POTOMAC R AT US NAVAL STN, WASH, DC	Estuary			
USNOS385224077011801	WASHINGTON POTOMAC R	Estuary		1924	1998
USGS01647600	POTOMAC R AT WISCONSIN AVE, WASH, DC	Estuary			

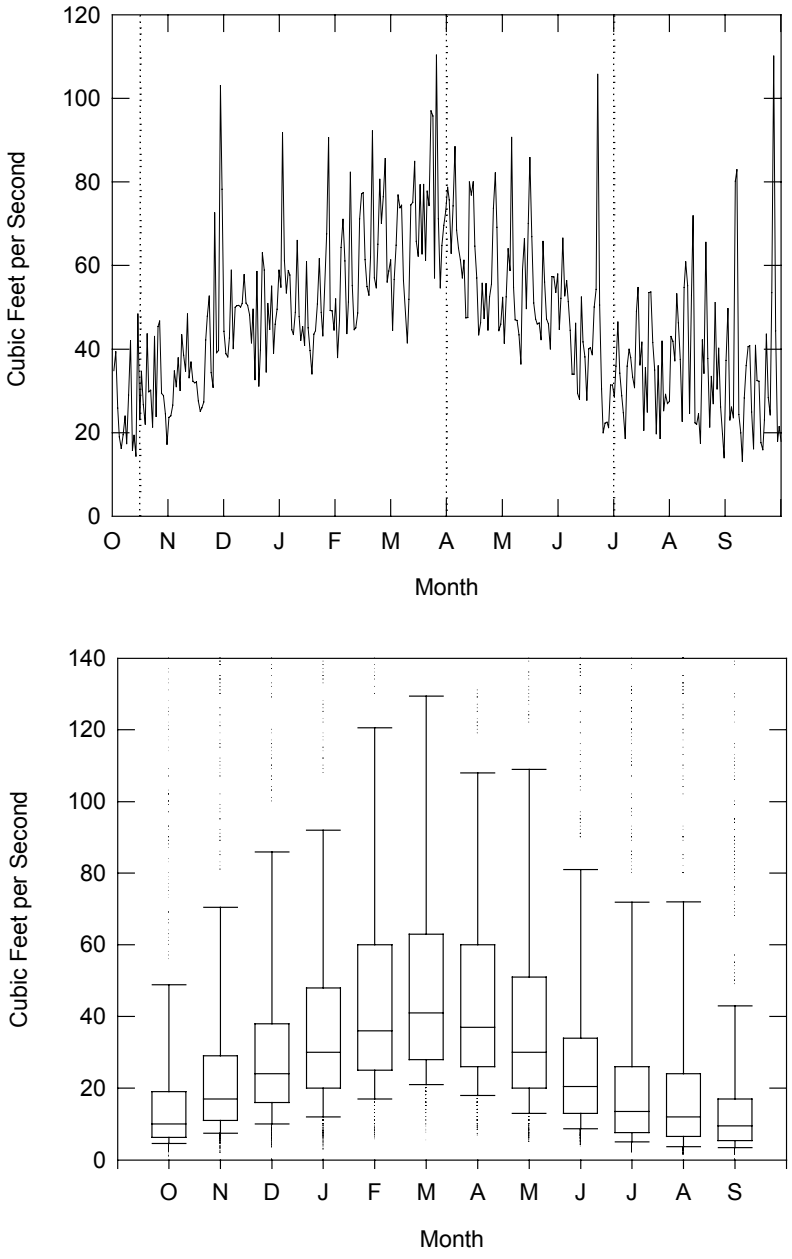
Water Impoundments

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

NATIONAL CAPITAL PARKS - CENTRAL
NW Branch Anacostia River near Hyattsville, MD
01651000, 56 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for National Capital Parks - Central are: Jul. 1 to Oct. 14, Oct. 15 to Mar. 31, and Apr. 1 to Jun. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR NACC

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
1113UPBA	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21VASWCB	POLLOCK, VERA	VA DEPT OF ENVIRONMENTAL	(804)698-4566	(804)698-4473
1113POTS	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113TIWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21DCBAWQ	JARMON, CLIFFORD	WASH DC DEPT OF CONSUMER	(202)645-6602	
11121TWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
31POTOMA	HAYWOOD, CARLTON	INTRSTAT COMM POTOMAC RVR	(301)984-1908	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
1113PESE	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
111230WQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11121WWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
1113AAWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
21MDEXP	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
11121ZWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761	
EXAMPLE	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
1113MCST	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
111WS	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1119ORPF	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 1119ORPF HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
21MDUNIV	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	

QUANTITY OF DATA RETRIEVED FOR NACC 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
1113UPBA	USEPA REGION 3	01/14/67-03/13/67	01/24/67-01/30/67	7	1	0	0	0	0	193	7	4	4
21VASWCB	VA DEPT OF ENVIRONMENTAL	01/24/72-08/04/98	No Data in Park	4	0	4	0	0	0	9232	0	142	0
1113POTS	USEPA REGION 3	11/03/69-11/26/69	11/03/69-11/26/69	8	1	0	0	0	0	1090	295	9	7
1113TIWQ	USEPA REGION 3	No Data in S.A.	No Data in Park	5	0	0	0	5	0	0	0	0	0
21DCBAWQ	WASH DC DEPT OF CONSUMER	10/11/83-12/08/97	12/20/83-12/02/96	42	1	12	1	7	0	83483	2474	47	43
11121TWQ	USEPA REGION 3	04/07/70-09/16/81	No Data in Park	11	0	8	0	0	0	6759	0	168	0
112WRD	US GEOLOGICAL SURVEY	03/26/79-09/28/83	No Data in Park	8	0	2	0	0	0	15051	0	102	0
31POTOMA	INTRSTAT COMM POTOMAC RVR	No Data in S.A.	No Data in Park	44	0	0	0	44	0	0	0	0	0
11NPSWRD	NATIONAL PARK SERVICE	04/19/90-11/20/97	01/24/95-02/14/97	14	10	0	0	0	0	5471	4074	16	12
1113PESE	USEPA REGION 3	No Data in S.A.	No Data in Park	5	0	0	0	5	0	0	0	0	0
111230WQ	USEPA REGION 3	02/18/69-03/23/70	No Data in Park	1	0	0	0	0	0	423	0	12	0
11121WWQ	USEPA REGION 3	No Data in S.A.	No Data in Park	3	0	0	0	3	0	0	0	0	0
1113AAWQ	USEPA REGION 3	03/18/70-12/15/70	No Data in Park	2	0	0	0	0	0	107	0	15	0
21MDEXP	MARYLAND DEPT OF NAT RES	No Data in S.A.	No Data in Park	7	0	0	0	7	0	0	0	0	0
11121ZWQ	USEPA REGION 3	03/18/70-12/15/70	No Data in Park	1	0	0	0	0	0	60	0	15	0
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
11BIOACC	U.S. EPA MDSD	08/29/84-12/17/86	No Data in Park	2	0	0	0	0	0	128	0	64	0
EXAMPLE	USEPA HQ	No Data in S.A.	No Data in Park	2	0	0	0	2	0	0	0	0	0
1110NET	USEPA HQ	07/01/63-01/07/69	No Data in Park	1	0	1	0	0	0	6897	0	131	0
1113MCST	USEPA REGION 3	08/06/73-08/09/73	No Data in Park	7	0	0	0	0	0	439	0	15	0
111WS	USEPA HQ	02/13/75-03/04/75	No Data in Park	1	0	0	0	0	0	7	0	7	0
1119ORPF	USEPA HQ	01/03/69-01/11/74	No Data in Park	1	0	1	0	0	0	1297	0	17	0
21MDUNIV	USEPA REGION 3	06/15/71-08/18/71	No Data in Park	13	0	0	0	1	0	1076	0	9	0
Totals		07/01/63-08/04/98	01/24/67-02/14/97	190	13	28	1	75	0	131713	6850	513	57

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

Station Period of Record Tabulation
From 07/01/63 To 08/04/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75
NACC0001	PO.R. BOLLING AFB NEAR C"9"	No	33	0	0	33
NACC0002[1]	GEORGE WASHIGTON PARKWAY BRIDGE	No	7418	4690	2656	72
NACC0003	PO.R. ARLINGTON STP EFFLUENT	No	48	0	0	48
NACC0004[1]	ARLINGTON STP EFFLUENT	No	627	0	0	627
NACC0005	PO.R. OFF HUNTER PT. NAT.AIRPORT	No	282	0	0	282
NACC0006	ARLINGTON,VA. STP	No	0	0	0	0
NACC0007	ARLINGTON,VA. STP	No	35	0	0	35
NACC0008	GEISBORO POINT, DIST.OF COLUMBIA	No	833	754	79	0
NACC0009	FOUR MILE RUN AT GEORGE WASHINGTON PARKWAY	No	126	0	126	0
NACC0010[1]	POTOMAC RIVER AT GEISBORO POINT	No	6167	0	6167	0
NACC0011[1]	ARLINGTON RIDGE ROAD BRIDGE	No	477	0	0	477
NACC0012	POTOMAC AT NAVAL RES LAB TRANS P2	No	0	0	0	0
NACC0013	POTOMAC AT NAVAL RES LAB TRANS P3	No	0	0	0	0
NACC0014	POTOMAC AT NAVAL RES LAB TRANS P4	No	0	0	0	0
NACC0015	POTOMAC AT NAVAL RES LAB TRANS P5	No	0	0	0	0
NACC0016	POTOMAC AT NAVAL RES LAB TRANS P55	No	0	0	0	0
NACC0017	POTOMAC AT NAVAL RES LAB TRANS P6	No	0	0	0	0
NACC0018	POTOMAC AT NAVAL RES LAB TRANS P7	No	0	0	0	0
NACC0019	POTOMAC AT NAVAL RES LAB TRANS P8	No	0	0	0	0
NACC0020	POTOMAC AT NAVAL RES LAB	No	0	0	0	0
NACC0021	POTOMAC AT HAINS POINT TRANS J1	No	0	0	0	0
NACC0022	POTOMAC AT HAINS POINT TRANS J15	No	0	0	0	0
NACC0023	POTOMAC AT HAINS POINT TRANS J2	No	0	0	0	0
NACC0024	POTOMAC AT HAINS POINT TRANS J4	No	0	0	0	0
NACC0025	POTOMAC AT HAINS POINT TRANS J6	No	0	0	0	0
NACC0026	POTOMAC AT HAINS POINT TRANS J7	No	0	0	0	0
NACC0027	POTOMAC AT HAINS POINT TRANS J8	No	0	0	0	0
NACC0028	POTOMAC AT HAINS POINT TRANS J85	No	0	0	0	0
NACC0029	POTOMAC AT HAINS POINT TRANS J9	No	0	0	0	0
NACC0030[1]	HAINS POINT, WASH., D.C.	No	10021	9396	625	0
NACC0031	HAINS POINT NORTH, D.C.	No	795	709	86	0
NACC0032[1]	POTOMAC CONFLUENCE G.R. D.C.	No	5969	5487	482	0
NACC0033	POTOMAC RIVER SOUTH OF HAIN'S POINT	No	339	339	0	0
NACC0034	POTO.R. HAINES PT. AT RB 1 QK FL	No	0	0	0	0
NACC0035	POTO.R. HAINES PT. BTW C1&WST SH	No	0	0	0	0
NACC0036	POTOMAC RIVER AT HAINS POINT	No	423	0	0	423
NACC0037	POT., N. BOLLING FLD. CAN 9 MC	No	8	0	0	8
NACC0038[1]	POTOMAC RIVER, HAINES PT. BUOY 2	No	1387	0	511	876
NACC0039	POTOMAC RIVER AT HAINES PT. N 2	No	0	0	0	0
NACC0040	ANACOSTIA R. OFF HAINES POINT	No	47	0	0	47
NACC0041	WASHINGTON CHANNEL JUNCTION, D.C.	No	786	700	86	0
NACC0042	POTOMAC R. OFF HAINES PT. D.C.	No	0	0	0	0
NACC0043	HAINES PT-STATION 3	No	0	0	0	0
NACC0044[1]	ANACOSTIA R. WASH.CHANL R&B BUOY	No	165	0	70	95
NACC0045	NATION AIRPORT NORTH, D.C.	No	870	780	90	0
NACC0046	POTO.R. ANACOSTIA CHAN RB"N"	No	0	0	0	0
NACC0047	POTOMAC RIVER NORTHWEST OF HAIN'S POINT	No	316	316	0	0
NACC0048	GREENLEAF POINT, D.C.	No	806	720	86	0
NACC0049	POTOMAC RIVER AT HAINS POINT	No	415	0	415	0
NACC0050	POTOMAC RIVER BUOY 4 HAINES PT.	No	7	0	7	0
NACC0051[1]	BUZZARD PT. MARINA, D.C.	No	3837	3606	231	0
NACC0052	POTOMAC RIVER AT DANGERFIELD ISLAND	No	2449	0	2449	0
NACC0053	BUZZARD PT. POWER PLANT, D.C.	No	862	769	93	0
NACC0054	WASHINGTON CHANNEL NORTH,WASH.DC	No	0	0	0	0
NACC0055	ROACHES RUN, D.C.	No	868	773	95	0
NACC0056	PENTAGON STP ARLINGTON,VA.	No	0	0	0	0
NACC0057	WASHINGTON CHANNEL NORTH OF GREENLEAF POINT	No	367	367	0	0
NACC0058	S. CAPITAL ST. BRIDGE SOUTH, D.C.	No	904	811	93	0
NACC0059	POTOMAC RIVER BUOY 6 HAINES PT.	No	21	0	21	0
NACC0060	ANACOSTIA R. S.CAPITOL ST.BR.	No	60	0	0	60
NACC0061[1]	ANACOSTIA R. S.CAPITOL ST.BR.	No	141	0	58	83
NACC0062	ANACOSTIA R. AT S. CAPITAL BRDG.	No	60	0	0	60
NACC0063	PENNSYLVANIA AVENUE BRIDGE-ANACOSTIA RIVER	No	0	0	0	0
NACC0064	ANACOSTIA RIVER UNDERNEATH DOUGLASS BRIDGE	No	375	375	0	0
NACC0065	GRAVELLY PT. & NORTH COURSE MARKER, D.C.	No	853	772	81	0
NACC0066	POTOMAC RIVER, WASHINGTON CH AT FT MC NAIR	No	166	0	166	0
NACC0067	NAVY YARD WEST,WASH.D.C.	No	812	805	7	0
NACC0068	PO.R. OFF HAINES PT. NEAR N"2"	Yes	295	0	0	295
NACC0069	PO.R. OFF HAINES PT. NEAR N"2"	Yes	7	0	0	7
NACC0070	POTOMAC R AT EAST POTOMAC PARK	No	0	0	0	0
NACC0071	EAST POTOMAC RIVER WASHINGTON,DC	No	64	0	64	0

Station Period of Record Tabulation
From 07/01/63 To 08/04/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75
NACC0072	POTOMAC RIVER AT 14TH STREET BR WASH DC	No	1021	0	1021	0
NACC0073[1]	WASHINGTON CHANNEL D.C.	No	6678	6083	595	0
NACC0074[1]	POTOMAC RIVER AT 14TH ST. BRIDGE	No	1332	0	505	827
NACC0075	POTOMAC RIVER AT 14TH ST. BRIDGE	No	0	0	0	0
NACC0076[1]	14TH STREET BRIDGE	No	710	0	333	377
NACC0077	PO.R. 14TH ST.BR. WASH.,D.C.	No	13	0	0	13
NACC0078[1]	HIGHWAY BRIDGE MILE 94.50 D.C.	No	10827	10308	519	0
NACC0079	Potomac River @ Int. of Buckeye Dr. and Ohio Dr.	Yes	278	278	0	0
NACC0080	MEMORIAL BRIDGE-STATION 2B	No	0	0	0	0
NACC0081	POTOMAC RIVER PARK @ N. OF WILSON BRIDGE	No	64	64	0	0
NACC0082	TUT'S APARTMENT USED FOR TESTING	No	0	0	0	0
NACC0083	TUT'S APARTMENT USED FOR TESTING	No	0	0	0	0
NACC0084	POTOMAC R. 14TH ST.BR. WASH,D.C.	No	0	0	0	0
NACC0085	PO.R. 14TH ST.BR. WASH.,D.C.	No	168	0	0	168
NACC0086	14TH ST BRIDGE-STATION 2	No	0	0	0	0
NACC0087	POTOMAC AT 14TH STREET BRIDGE TRANS H2	No	0	0	0	0
NACC0088	POTOMAC AT 14TH STREET BRIDGE TRANS H4	No	0	0	0	0
NACC0089	POTOMAC AT 14TH STREET BRIDGE TRANS H6	No	0	0	0	0
NACC0090	POTOMAC AT 14TH STREET BRIDGE TRANS H8	No	0	0	0	0
NACC0091	POTOMAC R. 14TH ST.BR. BUOY N 10	No	0	0	0	0
NACC0092	POTOMAC AT NAVAL RES LAB TRANS P1	No	0	0	0	0
NACC0093	POTO.R. SHALLOWS BTW N10&TDL BSN	No	0	0	0	0
NACC0094	Washington Channel SE of Case Bridge	Yes	240	240	0	0
NACC0095	WASHINGTON CHANNEL,WASH.D.C.	No	8	8	0	0
NACC0096	SOUTH OF CABLE CROSSING, D.C.	No	853	773	80	0
NACC0097	PO.R. OFF EAST POTOMAC PARK,DC	No	67	0	0	67
NACC0098	POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE	No	0	0	0	0
NACC0099	Tidal Basin at End of Paddleboat Floating Dock	Yes	588	588	0	0
NACC0100	Tidal Basin @ Old West Basin Dr and Independence	Yes	263	263	0	0
NACC0101[1]	POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE	Yes	2474	2413	61	0
NACC0102[1]	POTOMAC RIVER AT MEMORIAL BRIDGE	No	1562	0	989	573
NACC0103[1]	POTOMAC RIVER AT WASHINGTON	No	6897	0	0	6897
NACC0104	MEMORIAL BRIDGE WASHINGTON DC	No	63	0	0	63
NACC0105	Tidal Basin in Half Moon near Survey Lodge	Yes	260	260	0	0
NACC0106	MEMORIAL BRIDGE, WASH., D.C.	No	945	773	172	0
NACC0107[1]	POTOMAC RIVER AT MEMORIAL BRIDGE	No	4805	0	4805	0
NACC0108	Reflecting Pool - West End at Center	Yes	516	516	0	0
NACC0109	Reflecting Pool - East End at Center	Yes	490	490	0	0
NACC0110	Constitution Gardens Lake - East End	Yes	480	480	0	0
NACC0111	Constitution Gardens Lake @ Bridge to Signers Is	Yes	478	478	0	0
NACC0112	Constitution Gardens Lake - West End	Yes	481	481	0	0
NACC0113	ROSEVELT BRIDGE WASH., D.C.	No	7	7	0	0
NACC0114	POTOMAC AT MEMORIAL BRIDGE TRANS G15	No	0	0	0	0
NACC0115	POTOMAC AT MEMORIAL BRIDGE TRANS G1	No	0	0	0	0
NACC0116	POTOMAC AT MEMORIAL BRIDGE TRANS G2	No	0	0	0	0
NACC0117	POTOMAC AT MEMORIAL BRIDGE TRANS G3	No	0	0	0	0
NACC0118	POTOMAC AT MEMORIAL BRIDGE TRANS G4	No	0	0	0	0
NACC0119	POTOMAC AT MEMORIAL BRIDGE TRANS G5	No	0	0	0	0
NACC0120	POTOMAC AT MEMORIAL BRIDGE TRANS G6	No	0	0	0	0
NACC0121	POTOMAC AT MEMORIAL BRIDGE TRANS G8	No	0	0	0	0
NACC0122	POTOMAC AT MEMORIAL BRIDGE TRANS G9	No	0	0	0	0
NACC0123	PO.R. ROOSEVELT MEM.BR. WASH,DC	No	61	0	0	61
NACC0124	PO.R. ROOSEVELT MEMORIAL BR. DC	No	40	0	0	40
NACC0125[1]	C&O CANAL GEORGETOWN, D.C.	No	1759	1479	280	0
NACC0126	KNNEDY CENTER,WASH.D.C.	No	0	0	0	0
NACC0127	WASHINGTON AQUEDUCT	No	7	0	7	0
NACC0128[1]	RGN 3	No	1297	0	0	1297
NACC0129	SOUTH BANK OF ROCK CREEK D.C.	No	826	819	7	0
NACC0130	ROCK CREEK AT VIRGINIA AVENUE	No	0	0	0	0
NACC0131	ROCK CREEK NORTH D.C.	No	861	787	74	0
NACC0132	ROCK CREEK PARK	No	293	0	0	293
NACC0133	ROOSEVELT ISLAND, WASH., D.C.	No	734	660	74	0
NACC0134[1]	POTOMAC RIVER AT KEY BRIDGE	No	1230	0	539	691
NACC0135	POTOMAC RIVER AT KEY BRIDGE	No	0	0	0	0
NACC0136[1]	EAST SIDE OF KEY BRIDGE D.C.	No	12001	11442	559	0
NACC0137	POTOMAC R. OFF KEY BR. WASH,D.C.	No	0	0	0	0
NACC0138	PO.R. AT KEY BRIDGE WASH.,D.C.	No	160	0	0	160
NACC0139	FAIRFAX-WESTGATE,VA. STP	No	22	0	0	22
NACC0140	KEY BRIDGE-STATION 1	No	0	0	0	0
NACC0141	POTOMAC AT ROOSEVELT ISLAND TRANS D1	No	0	0	0	0
NACC0142	POTOMAC AT ROOSEVELT ISLAND TRANS D2	No	0	0	0	0

Station Period of Record Tabulation
From 07/01/63 To 08/04/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75
NACC0143	POTOMAC AT ROOSEVELT ISLAND TRANS D6	No	0	0	0	0
NACC0144	POTOMAC AT ROOSEVELT ISLAND TRANS D8	No	0	0	0	0
NACC0145	PO.R. AT KEY BR. WASHINGTON,D.C.	No	15	0	0	15
NACC0146	KEY BRIDGE WASHINGTON DC	No	64	0	0	64
NACC0147	GEORGETOWN UNIV. IN LINE WITH BOTH SPIRES, D.C.	No	853	773	80	0
NACC0148	ROCK CREEK PARK	No	7	0	0	7
NACC0149	THREE SISTERS ISLAND, WASH.,D.C.	No	837	757	80	0
NACC0150	THREE SISTERS ISLAND WASH DC	No	77	0	0	77
NACC0151	POTOMAC AT THREE SISTERS ISLAND	No	21	0	21	0
NACC0152	SPOUT RUN,WASH.,D.C.	No	859	779	80	0
NACC0153	ROCK CREEK AT M STREET BRIDGE	No	54	0	0	54
NACC0154	M STREET BRIDGE-	No	0	0	0	0
NACC0155	PO.R.-ROCK CREEK AT M ST.BR. DC	No	37	0	0	37
NACC0156	WINDY RUN WATERFALL , WASH.,D.C.	No	880	783	97	0
NACC0157	POTOMAC ABOVE WINDY RUN	No	67	0	0	67
NACC0158[1]	POTOMAC ABOVE WINDY RUN	No	467	0	384	83
NACC0159	ROCK CREEK AT P STREET WASH.,D.C.	No	0	0	0	0
NACC0160	FLETCHERS BOAT HOUSE SOUTH WASH.D.C.	No	815	740	75	0
NACC0161	NEAR BEECHWOOD HILLS	No	63	0	0	63
NACC0162	ANACOSTIA AQUATIC GARDENS D.C.	No	0	0	0	0
NACC0163	FLETCHER'S BOATHOUSE SOUTH	No	0	0	0	0
NACC0164	ROCK CREEK PARK	No	13	0	0	13
NACC0165	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A1	No	0	0	0	0
NACC0166	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A2	No	0	0	0	0
NACC0167	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A8	No	0	0	0	0
NACC0168	POTOMAC AT FLETCHER'S BOATHOUSE TRANS A9	No	0	0	0	0
NACC0169	OPP DC TRIBUTARY	No	51	0	0	51
NACC0170[1]	PO.R. OPPOSITE D.C. TRIBUTARY	No	320	0	237	83
NACC0171[1]	FLETCHERS BOAT HOUSE WASH.D.C.	No	5512	5190	322	0
NACC0172	ROCK CREEK PARK	No	13	0	0	13
NACC0173	ROCK CREEK AT CONN. AVENUE	No	0	0	0	0
NACC0174	ROCK CREEK AT WEST BEACH DRIVE	No	0	0	0	0
NACC0175	ROCK CREEK PARK	No	294	0	0	294
NACC0176[1]	FOUNDRY BRANCH PARK, D.C.	No	2029	1820	209	0
NACC0177[1]	C&O CANAL FLETCHER'S BOATHOUSE, D.C.	No	2258	1979	279	0
NACC0178	NATIONAL ZOO OFF BRIDGE WASH.,D.C..	No	0	0	0	0
NACC0179[1]	ROCK CREEK AT CONN. AVENUE	No	2630	2391	239	0
NACC0180	ROCK CREEK PARK	No	11	0	0	11
NACC0181	ROCK CREEK/KLINGLE ROAD, D.C.	No	621	543	78	0
NACC0182	ROCK CREEK PARK	No	11	0	0	11
NACC0183	ROCK CREEK PARK	No	8	0	0	8
NACC0184	ROCK CREEK AT PIERCE MILL WASH.,D.C..	No	0	0	0	0
NACC0185	ROCK CREEK PARK	No	116	0	0	116
NACC0186	ROCK CREEK PARK	No	291	0	0	291
NACC0187	ROCK CREEK PARK	No	0	0	0	0
NACC0188	ROCK CREEK PARK	No	10	0	0	10
NACC0189	KEY BRIDGE-STATION 1	No	0	0	0	0
NACC0190	ROCK CREEK PARK	No	9	0	0	9

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

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	539	143	110	286	8	1
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11904	9517	1805	582	76	12
00004	STREAM WIDTH (FEET)	1	0	1	0	1	0
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	147	0	51	96	4	0
00006	DISTANCE FROM LOCATION IN X MILES	13	0	13	0	5	0
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	207	0	99	108	8	0
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	1303	0	1303	0	8	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12233	9419	1757	1057	103	13
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	134	0	0	134	12	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	409	0	409	0	7	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	457	0	457	0	7	0
00032	CLOUD COVER (PERCENT)	523	97	426	0	33	1
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	160	0	160	0	3	0
00041	WEATHER (WMO CODE 4501)	2326	1693	539	94	37	1
00060	FLOW, STREAM, MEAN DAILY CFS	87	0	0	87	1	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	4	4	0	0	3	0
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	5202	4801	393	8	36	1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	519	75	62	382	15	0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	15	0	0	15	1	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	161	44	117	0	7	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	727	0	559	168	21	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	1855	1610	245	0	37	0
00080	COLOR (PLATINUM-COBALT UNITS)	278	23	0	255	2	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	9879	9479	400	0	54	11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1112	98	1004	10	8	0
00096	SALINITY AT 25 DEGREES C (MG/ML)	64	2	0	62	4	0
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	16	0	16	0	3	0
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	154	0	154	0	3	0
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	77	0	77	0	3	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	9612	9088	524	0	50	11
00300	OXYGEN, DISSOLVED MG/L	2631	505	1289	837	42	0
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	208	0	208	0	5	0
00310	BOD, 5 DAY, 20 DEG C MG/L	2143	1484	328	331	34	1
00311	BOD, DISSOLVED, 5 DAY MG/L	6	0	0	6	2	0
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	186	0	186	0	5	0
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	207	0	207	0	5	0
00321	BOD, ULTIMATE SECOND STAGE MG/L	184	0	184	0	5	0
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	5	0	5	0	2	0
00335	COD, .025N K2CR2O7 MG/L	240	0	0	240	1	0
00340	COD, .25N K2CR2O7 MG/L	212	139	60	13	3	0
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	108	0	0	108	1	0
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	104	0	0	104	1	0
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	5	0	5	0	5	0
00400	PH (STANDARD UNITS)	10191	8463	1325	403	56	1
00403	PH, LAB, STANDARD UNITS SU	177	145	31	1	5	0
00405	CARBON DIOXIDE (MG/L AS CO2)	9	0	8	1	4	0
00406	PH, FIELD, STANDARD UNITS SU	542	542	0	0	10	10
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	2403	1977	175	251	26	1
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	14	0	0	14	1	0
00480	SALINITY - PARTS PER THOUSAND	19	0	19	0	5	0
00500	RESIDUE, TOTAL (MG/L)	161	107	45	9	3	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	157	107	45	5	2	0
00510	RESIDUE, TOTAL FIXED (MG/L)	157	107	45	5	2	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	243	0	0	243	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1783	1431	244	108	23	1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	286	145	106	35	4	0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	286	145	106	35	4	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	1	0	0	1	1	0
00600	NITROGEN, TOTAL (MG/L AS N)	2	0	2	0	2	0
00602	NITROGEN, DISSOLVED (MG/L AS N)	161	0	161	0	6	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	47	0	47	0	4	0
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	145	0	145	0	6	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	1822	1368	454	0	25	1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1048	145	214	689	36	1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	1798	1327	471	0	24	1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	666	340	129	197	24	8
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1652	1183	469	0	24	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	506	326	91	89	13	8
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	340	0	317	23	13	0
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	161	0	161	0	6	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2179	1035	660	484	47	1

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	682	18	84	580	44	2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	269	103	166	0	15	1
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	1	0	1	0	1	0
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	41	0	0	41	1	0
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	13	0	0	13	1	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	509	0	141	368	14	0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	330	0	70	260	7	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	694	0	49	645	28	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1488	977	469	42	30	1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	1260	816	403	41	29	1
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	1	0	1	0	1	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1686	1377	309	0	25	1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1475	642	456	377	40	1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	838	615	177	46	23	1
00690	CARBON, TOTAL (MG/L AS C)	273	0	41	232	16	0
00740	SULFITE (MG/L AS SO3)	1	0	1	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2337	1961	115	261	21	1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	6	0	6	0	2	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10	0	10	0	2	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10	0	10	0	2	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1	1	0	0	1	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	19	0	10	9	3	0
00931	SODIUM ADSORPTION RATIO	10	0	10	0	2	0
00932	SODIUM, PERCENT	10	0	10	0	2	0
00933	SODIUM,PLUS POTASSIUM (MG/L)	3	0	3	0	2	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	19	0	10	9	3	0
00940	CHLORIDE,TOTAL IN WATER MG/L	645	336	37	272	15	8
00945	SULFATE, TOTAL (MG/L AS SO4)	397	106	39	252	14	1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	16	0	7	9	3	0
00951	FLUORIDE, TOTAL (MG/L AS F)	46	46	0	0	1	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	245	73	172	0	7	0
00956	SILICA, TOTAL (MG/L AS SI02)	1143	1017	126	0	12	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	158	148	0	10	12	1
01002	ARSENIC, TOTAL (UG/L AS AS)	83	63	12	8	16	1
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	4	1	3	0	1	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	10	0	0	10	1	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10	0	0	10	1	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	5	4	1	0	2	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	2	1	1	0	1	0
01020	BORON, DISSOLVED (UG/L AS B)	10	0	0	10	1	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10	0	0	10	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	316	262	40	14	16	1
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	4	1	3	0	1	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	4	1	3	0	1	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10	0	0	10	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	327	262	39	26	16	1
01035	COBALT, DISSOLVED (UG/L AS CO)	10	0	0	10	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	10	0	0	10	1	0
01042	COPPER, TOTAL (UG/L AS CU)	491	425	40	26	23	8
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	4	1	3	0	1	0
01045	IRON, TOTAL (UG/L AS FE)	298	258	30	10	13	1
01046	IRON, DISSOLVED (UG/L AS FE)	9	0	9	0	7	0
01049	LEAD, DISSOLVED (UG/L AS PB)	10	0	0	10	1	0
01051	LEAD, TOTAL (UG/L AS PB)	327	263	41	23	16	1
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	4	1	3	0	1	0
01054	MANGANESE, SUSPENDED (UG/L AS MN)	1	0	1	0	1	0
01055	MANGANESE, TOTAL (UG/L AS MN)	19	4	5	10	3	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	4	0	4	0	2	0
01059	THALLIUM, TOTAL (UG/L AS TL)	5	4	1	0	2	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10	0	0	10	1	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	28	0	9	19	5	0
01067	NICKEL, TOTAL (UG/L AS NI)	7	3	4	0	2	0
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	4	1	3	0	1	0
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10	0	0	10	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	10	0	0	10	1	0
01077	SILVER, TOTAL (UG/L AS AG)	3	2	1	0	2	0
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	1	1	0	0	1	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10	0	0	10	1	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	10	0	0	10	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	10	0	0	10	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	322	256	40	26	16	1

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	4	1	3	0	1	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	1	0	1	0	1	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	10	0	0	10	1	0
01140	SILICON, DISSOLVED (UG/L AS SI)	30	0	30	0	5	0
01147	SELENIUM, TOTAL (UG/L AS SE)	207	206	1	0	13	1
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	2	1	1	0	1	0
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	31	7	24	0	1	0
01501	ALPHA, TOTAL	101	0	0	101	1	0
01502	ALPHA, TOTAL, COUNTING ERROR	101	0	0	101	1	0
01503	ALPHA, DISSOLVED	101	0	0	101	1	0
01504	ALPHA, DISSOLVED, COUNTING ERROR	101	0	0	101	1	0
01505	ALPHA, SUSPENDED	101	0	0	101	1	0
01506	ALPHA, SUSPENDED, COUNTING ERROR	101	0	0	101	1	0
03501	BETA, TOTAL	101	0	0	101	1	0
03502	BETA, TOTAL, COUNTING ERROR	101	0	0	101	1	0
03503	BETA, DISSOLVED	101	0	0	101	1	0
03504	BETA, DISSOLVED, COUNTING ERROR	101	0	0	101	1	0
03505	BETA, SUSPENDED	101	0	0	101	1	0
03506	BETA, SUSPENDED, COUNTING ERROR	101	0	0	101	1	0
04378	WAVE STATE CODE	952	952	0	0	25	0
13501	STRONTIUM 90, TOTAL	4	0	0	4	1	0
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	1	0	0	1	1	0
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	2	1	1	0	2	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	2	1	1	0	2	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	2	1	1	0	2	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	2	1	1	0	2	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	2	1	1	0	2	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	2	1	1	0	2	0
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	2	1	1	0	2	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	2	1	1	0	2	0
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	243	0	0	243	1	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	579	317	84	178	33	1
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	84	4	26	54	9	1
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10	0	10	0	5	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	63	0	0	63	9	1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1013	872	121	20	24	1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	495	233	170	92	17	1
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	158	0	0	158	12	0
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	199	199	0	0	11	1
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	44	0	44	0	3	0
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	53	0	0	53	7	1
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	31	0	0	31	3	0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	155	0	0	155	11	0
32000	SAMPLE SIZE (LITERS)	22	0	0	22	1	0
32001	SAMPLE SIZE (GALLONS)	63	0	0	63	1	0
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	61	0	0	61	1	0
32004	CARBON ALCOHOL EXTRACTABLES	61	0	0	61	1	0
32005	CARBON CHLOROFORM EXTRACTABLES	63	0	0	63	1	0
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	4	0	0	4	1	0
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	4	0	0	4	1	0
32023	ACIDS, STRONG	4	0	0	4	1	0
32024	ACIDS, WEAK	4	0	0	4	1	0
32025	BASES	4	0	0	4	1	0
32026	NEUTRALS, TOTAL	4	0	0	4	1	0
32027	ALIPHATICS FRACTION OF NEUTRALS	4	0	0	4	1	0
32028	AROMATICS FRACTION OF NEUTRALS	4	0	0	4	1	0
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	4	0	0	4	1	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	2	0	2	0	2	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	2	0	2	0	2	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	2	0	2	0	2	0
32104	BROMOFORM,WHOLE WATER,UG/L	2	0	2	0	2	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1	0	1	0	1	0
32106	CHLOROFORM,WHOLE WATER,UG/L	2	0	2	0	2	0
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	603	0	603	0	5	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	97	46	14	37	10	0

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	111	45	66	0	5	0
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	603	0	603	0	5	0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	608	0	608	0	11	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	366	207	159	0	17	1
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	59	45	14	0	1	0
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	266	165	101	0	12	1
32230	CHLOROPHYLL A (MG/L)	136	0	134	2	10	0
32237	PIGMENTS, PHEAD (MG/L)	2	0	0	2	1	0
32240	TANNIN AND LIGNIN (MG/L)	6	6	0	0	1	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	1	0	1	0	1	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	1	0	1	0	1	0
34200	ACENAPHTHYLENE TOTWUG/L	1	0	1	0	1	0
34205	ACENAPHTHENE TOTWUG/L	1	0	1	0	1	0
34210	ACROLEIN TOTWUG/L	1	0	1	0	1	0
34215	ACRYLONITRILE TOTWUG/L	1	0	1	0	1	0
34220	ANTHRACENE TOTWUG/L	1	0	1	0	1	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	1	0	1	0	1	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	1	0	1	0	1	0
34247	BENZO-A-PYRENE TOTWUG/L	1	0	1	0	1	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	3	2	1	0	2	0
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	1	0	1	0	1	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	1	0	1	0	1	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	1	0	1	0	1	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	1	0	1	0	1	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	1	0	1	0	1	0
34301	CHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34306	CHLORODIBROMOMETHANE TOTWUG/L	1	0	1	0	1	0
34311	CHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34320	CHRYSENE TOTWUG/L	1	0	1	0	1	0
34336	DIETHYL PHTHALATE TOTWUG/L	1	0	1	0	1	0
34341	DIMETHYL PHTHALATE TOTWUG/L	1	0	1	0	1	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	1	0	1	0	1	0
34351	ENDOSULFAN SULFATE TOTWUG/L	3	2	1	0	2	0
34356	ENDOSULFAN, BETA TOTWUG/L	3	2	1	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	3	2	1	0	2	0
34366	ENDRIN ALDEHYDE TOTWUG/L	3	2	1	0	2	0
34371	ETHYLBENZENE TOTWUG/L	1	0	1	0	1	0
34376	FLUORANTHENE TOTWUG/L	1	0	1	0	1	0
34381	FLUORENE TOTWUG/L	1	0	1	0	1	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	1	0	1	0	1	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	2	1	1	0	2	0
34396	HEXACHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	1	0	1	0	1	0
34408	ISOPHORONE TOTWUG/L	1	0	1	0	1	0
34413	METHYL BROMIDE TOTWUG/L	1	0	1	0	1	0
34418	METHYL CHLORIDE TOTWUG/L	1	0	1	0	1	0
34423	METHYLENE CHLORIDE TOTWUG/L	1	0	1	0	1	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	1	0	1	0	1	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	1	0	1	0	1	0
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	1	0	1	0	1	0
34447	NITROBENZENE TOTWUG/L	1	0	1	0	1	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	1	0	1	0	1	0
34461	PHENANTHRENE TOTWUG/L	1	0	1	0	1	0
34469	PYRENE TOTWUG/L	1	0	1	0	1	0
34475	TETRACHLOROETHYLENE TOTWUG/L	1	0	1	0	1	0
34480	THALLIUM DRY WGTBOTMG/KG	2	1	1	0	1	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	1	0	1	0	1	0
34496	1,1-DICHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	1	0	1	0	1	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1	0	1	0	1	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	1	0	1	0	1	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	1	0	1	0	1	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	1	0	1	0	1	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1	0	1	0	1	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	1	0	1	0	1	0
34561	1,3-DICHLOROPROPENE TOTWUG/L	1	0	1	0	1	0

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34566	1,3-DICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	1	0	1	0	1	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1	0	1	0	1	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	1	0	1	0	1	0
34586	2-CHLOROPHENOL TOTWUG/L	1	0	1	0	1	0
34591	2-NITROPHENOL TOTWUG/L	1	0	1	0	1	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	1	0	1	0	1	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	1	0	1	0	1	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	1	0	1	0	1	0
34611	2,4-DINITROTOLUENE TOTWUG/L	1	0	1	0	1	0
34616	2,4-DINITROPHENOL TOTWUG/L	1	0	1	0	1	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	1	0	1	0	1	0
34626	2,6-DINITROTOLUENE TOTWUG/L	1	0	1	0	1	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	1	0	1	0	1	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	1	0	1	0	1	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	1	0	1	0	1	0
34646	4-NITROPHENOL TOTWUG/L	1	0	1	0	1	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	1	0	1	0	1	0
34671	PCB - 1016 TOTWUG/L	3	2	1	0	2	0
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	1	0	1	0	1	0
34685	ENDRIN WET WGTTISMG/KG	2	1	1	0	2	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	2	1	1	0	2	0
34687	HEPTACHLOR WET WGTTISMG/KG	2	1	1	0	2	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	2	1	1	0	2	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	1	0	1	0	1	0
34696	NAPHTHALENE TOTWUG/L	1	0	1	0	1	0
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	2	1	1	0	2	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	44	0	0	44	1	0
38442	DICAMBA (BANVEL) WATER,DISSUG/L	1	1	0	0	1	0
38451	DICHLORPROP WATER,SUSPUG/L	1	1	0	0	1	0
38745	2,4-DB WATER, TOTUG/L	2	2	0	0	1	0
38824	ISOPROPALIN TISWETWGTMG/KG	2	1	1	0	2	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	6	2	4	0	2	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	3	3	0	0	1	0
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	3	0	3	0	1	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	2	1	1	0	2	0
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	3	0	3	0	1	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	2	1	1	0	2	0
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	3	0	3	0	1	0
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	3	0	3	0	1	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	2	1	1	0	2	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	1	0	1	0	1	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	1	0	1	0	1	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1	0	1	0	1	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1	0	1	0	1	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2	0
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	1	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2	0
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	1	0
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	2	1	1	0	2	0
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	1	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10	2	5	3	3	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	1	2	0	1	0
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	3	2	1	0	2	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	3	2	1	0	2	0
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	6	2	1	3	3	0
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	4	0	4	0	2	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	3	3	0	0	1	0
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	2	0	0	1	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	2	0	0	1	0

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	1	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	9	2	4	3	3	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	3	0	0	1	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	9	2	4	3	3	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	2	0	0	1	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	3	0	0	1	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	2	1	1	0	2	0
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	6	2	1	3	3	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	2	2	0	0	1	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	6	2	1	3	3	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	1	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	3	2	1	0	2	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	3	2	1	0	2	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	3	2	1	0	2	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	3	2	1	0	2	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	3	2	1	0	2	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	4	1	3	0	1	0
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	3	3	0	0	1	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	2	0	2	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	2	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	1	0	1	0	1	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	2	1	1	0	2	0
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	2	1	1	0	2	0
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	1	1	0	0	1	0
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	13	0	2	11	2	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	292	200	65	27	11	8
50064	CHLORINE, FREE AVAILABLE (MG/L)	183	183	0	0	8	8
60050	ALGAE, TOTAL (CELLS/ML)	171	0	105	66	5	0
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	64	0	0	64	1	0
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	64	0	0	64	1	0
60200	ALGAE, COCCOID GREEN (CELLS/ML)	66	0	0	66	1	0
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	65	0	0	65	1	0
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	66	0	0	66	1	0
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	64	0	0	64	1	0
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	55	0	0	55	1	0
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	3	0	0	3	1	0
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	3	0	0	3	1	0
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	2	0	0	2	1	0
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	3	0	0	3	1	0
60400	DIATOMS, CENTRIC (/ML)	66	0	0	66	1	0
60600	DIATOMS, PENNATE (/ML)	66	0	0	66	1	0
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	15	0	0	15	1	0
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	15	0	0	15	1	0
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	2	0	0	2	1	0
70222	WAVE HEIGHT (WMO CODE 1555)	4614	4209	405	0	34	1
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	11	0	0	11	3	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	2	0	2	0	1	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10	0	10	0	2	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	1	0	1	0	1	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12	0	12	0	2	0
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	157	0	67	90	4	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	434	276	68	90	13	8
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	2	0	2	0	1	0
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	2	0	2	0	1	0
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	2	1	1	0	2	0
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	23	0	23	0	3	0
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	57	0	57	0	3	0
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	3	0	0	3	1	0
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	3	0	0	3	1	0

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	3	0	0	3	1	0
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	3	0	0	3	1	0
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	3	0	0	3	1	0
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	3	0	0	3	1	0
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	3	0	0	3	1	0
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	1	0	0	1	1	0
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	1	0	0	1	1	0
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	3	0	0	3	1	0
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	3	0	0	3	1	0
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	3	0	0	3	1	0
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	3	0	0	3	1	0
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	3	0	0	3	1	0
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	3	0	0	3	1	0
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	3	0	0	3	1	0
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	1	0	0	1	1	0
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	1	0	0	1	1	0
71100	SESTON, TOTAL - MG/L	41	0	41	0	2	0
71101	SESTON, ASH FREE WGT (MG/L)	41	0	41	0	2	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	67	0	16	51	4	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	152	0	152	0	6	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	150	0	150	0	6	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	151	0	151	0	6	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	187	0	8	179	30	1
71887	NITROGEN, TOTAL, AS NO3 - MG/L	2	0	2	0	2	0
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	90	0	90	0	5	0
71900	MERCURY, TOTAL (UG/L AS HG)	322	258	38	26	16	1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	4	1	3	0	1	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	2	1	1	0	2	0
75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	1	1	0	0	1	0
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	2	1	1	0	2	0
77825	ALACHLOR WHOLE WATER,UG/L	2	2	0	0	1	0
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	2	1	1	0	2	0
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	2	1	1	0	2	0
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	2	1	1	0	2	0
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	2	1	1	0	2	0
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	1	1	0	0	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	124	0	124	0	4	0
81280	NONPURGEABLE ORGANIC CARBON MG/L	1	0	1	0	1	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	2	1	1	0	2	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	2	1	1	0	2	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	2	1	1	0	2	0
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	2	1	1	0	2	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	2	1	1	0	2	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	2	1	1	0	2	0
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	2	1	1	0	2	0
82032	CALCIUM - TOTAL UG/L (AS CA)	1	1	0	0	1	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	4	0	4	0	2	0
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	25	25	0	0	2	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1981	1836	145	0	21	1
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	178	0	178	0	5	0
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	207	0	207	0	5	0
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	208	0	208	0	5	0
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	179	0	179	0	4	0
82398	SAMPLING METHOD (CODES)	85	0	85	0	4	0
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	6	0	6	0	3	0
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	33	0	33	0	3	0
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	33	0	33	0	3	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	4	0	4	0	3	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	4	0	4	0	3	0
84007	ANATOMY ALPHA CODE	2	1	1	0	2	0
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	9	0	9	0	3	0
85506	BETA COUNT IN MEDIA OTHER THAN WATER (PC/L)	1	0	0	1	1	0
85507	BETA COUNTING ERROR IN MEDIA OTHER THAN WATER	1	0	0	1	1	0
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	105	0	0	105	1	0
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	105	0	0	105	1	0
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	105	0	0	105	1	0
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	105	0	0	105	1	0
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	105	0	0	105	1	0
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	105	0	0	105	1	0
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	105	0	0	105	1	0
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	105	0	0	105	1	0

Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Parameter Code	Name	Total Obs	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	35	0	0	35	1	0
85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	35	0	0	35	1	0
85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	35	0	0	35	1	0
85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	35	0	0	35	1	0
85538	GAMMA SCAN DATE (YR,MO,DAY)	105	0	0	105	1	0
85539	DATE OF REPORT (YR,MO,DAY)	105	0	0	105	1	0
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85682	NITROFEN TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85683	PERTHANE TISSUE,WET,WT,MG/KG	2	1	1	0	2	0
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	2	1	1	0	2	0

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0002	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	09/19/74-08/04/98	23	240	
NACC0004	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/72-08/29/74	2	33	
NACC0005	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/20/69	0	62	
NACC0011	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	01/24/72-08/29/74	2	32	
NACC0068	Yes	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/18/69	0	66	
NACC0076	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	03/13/72-09/19/77	5	44	
NACC0085	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/18/69	0	31	
NACC0138	No	00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)	11/04/69-11/18/69	0	31	
NACC0002	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/02/79-08/04/98	19	228	
NACC0005	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/20/69	0	62	
NACC0008	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/13/83-10/14/97	14	130	
NACC0010	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/06/79-09/28/83	3	421	
NACC0030	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-12/08/97	14	1077	
NACC0031	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-12/03/96	13	122	
NACC0032	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-12/03/96	13	591	
NACC0037	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/13/70-05/13/70	0	1	
NACC0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	124	
NACC0041	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-12/03/96	13	121	
NACC0044	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/74-12/02/76	2	14	
NACC0045	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	135	
NACC0048	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-12/03/96	13	123	
NACC0049	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/22/79-05/24/79	0	19	
NACC0051	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-12/03/96	13	447	
NACC0052	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/26/79-07/26/79	0	197	
NACC0053	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-07/08/97	13	132	
NACC0055	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	133	
NACC0058	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/83-12/02/97	14	139	
NACC0061	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/25/74-12/02/76	2	12	
NACC0062	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/18/70-12/15/70	0	5	
NACC0065	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	133	
NACC0066	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/08/81-08/26/81	0	12	
NACC0067	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/02/84-12/02/97	13	125	
NACC0068	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/18/69	0	66	
NACC0071	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/84-08/29/84	0	1	
NACC0072	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/17/80-09/22/81	1	58	
NACC0073	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-12/03/96	13	711	
NACC0074	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	115	
NACC0078	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-12/08/97	14	1208	
NACC0079	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/28/95-02/14/97	1	56	
NACC0081	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/17/86-12/17/86	0	1	
NACC0085	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/18/69	0	31	
NACC0094	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/95-02/14/97	1	47	
NACC0095	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/15/95-09/11/95	0	2	
NACC0096	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	133	
NACC0099	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/28/95-02/14/97	1	71	
NACC0100	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/95-02/14/97	2	51	
NACC0101	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/20/83-12/02/96	12	155	
NACC0102	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/29/71-09/15/81	10	128	
NACC0104	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	8	
NACC0105	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/95-02/14/97	2	48	
NACC0106	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	143	
NACC0107	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/04/80-09/28/83	3	301	
NACC0108	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/95-02/14/97	2	50	
NACC0109	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/95-02/14/97	2	46	
NACC0110	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/95-02/14/97	2	48	
NACC0111	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/95-02/14/97	2	48	
NACC0112	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/24/95-02/14/97	2	47	
NACC0113	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/06/91-05/06/91	0	1	
NACC0125	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/83-10/23/95	12	112	
NACC0129	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/84-10/14/97	13	129	
NACC0131	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	134	
NACC0133	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	111	
NACC0134	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/07/70-09/15/81	11	97	
NACC0136	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-12/08/97	14	1379	
NACC0138	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/04/69-11/18/69	0	31	
NACC0146	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	8	
NACC0147	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	133	
NACC0149	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	131	
NACC0150	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	12	
NACC0151	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/23/76-12/02/76	0	2	
NACC0152	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	135	
NACC0153	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0156	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	133	
NACC0157	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	9	
NACC0158	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/74-09/15/81	7	33	
NACC0160	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-10/14/97	14	127	
NACC0161	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	8	
NACC0169	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/06/73-08/09/73	0	4	
NACC0170	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/74-09/02/81	7	25	
NACC0171	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/83-12/08/97	14	518	
NACC0176	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/19/83-12/02/96	12	129	
NACC0177	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/83-12/18/95	12	144	
NACC0179	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/24/83-12/02/96	13	163	
NACC0181	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/24/83-12/02/96	13	116	
NACC0010	No	00004	STREAM WIDTH (FEET)	10/06/79-10/06/79	0	1	
NACC0002	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	09/19/74-03/27/78	3	38	
NACC0004	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/24/72-08/29/74	2	33	
NACC0011	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	01/24/72-08/29/74	2	32	
NACC0076	No	00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)	03/13/72-09/19/77	5	44	
NACC0038	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
NACC0074	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
NACC0102	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-06/11/79	0	4	
NACC0134	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	3	
NACC0158	No	00006	DISTANCE FROM LOCATION IN X MILES	05/03/79-10/09/79	0	2	
NACC0038	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	15	
NACC0074	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	14	
NACC0102	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	20	
NACC0103	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/23/64-09/29/67	3	3	
NACC0128	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/03/69-01/11/74	5	105	
NACC0134	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/16/81	1	25	
NACC0158	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/09/79-09/15/81	1	10	
NACC0170	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/30/80-09/16/81	1	15	
NACC0010	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/24/79-09/28/83	4	551	
NACC0049	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	05/22/79-05/24/79	0	19	
NACC0050	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/03/83-08/03/83	0	1	
NACC0052	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	03/26/79-07/26/79	0	233	
NACC0059	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/10/83-08/31/83	0	3	
NACC0066	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/08/81-08/26/81	0	13	
NACC0072	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	06/17/80-09/22/81	1	76	
NACC0107	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/09/79-09/28/83	4	407	
NACC0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/67-03/10/67	0	8	
NACC0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	23	253	
NACC0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	2	31	
NACC0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
NACC0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	14	130	
NACC0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-09/28/83	3	413	
NACC0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	2	32	
NACC0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	14	1034	
NACC0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	13	122	
NACC0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	13	568	
NACC0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/96-11/20/97	1	32	
NACC0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	1	50	
NACC0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-05/13/70	0	1	
NACC0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	122	
NACC0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	0	4	
NACC0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	13	121	
NACC0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	2	14	
NACC0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	135	
NACC0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/96-11/20/97	1	33	
NACC0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	13	123	
NACC0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	13	444	
NACC0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/79-07/26/79	0	197	
NACC0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	13	132	
NACC0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	132	
NACC0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/96-11/20/97	1	34	
NACC0058	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	14	139	
NACC0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	0	5	
NACC0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	2	12	
NACC0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	0	5	
NACC0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/96-11/20/97	1	34	
NACC0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	133	
NACC0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-08/26/81	0	11	
NACC0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	13	125	
NACC0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	16	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	0	1	
NACC0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-09/22/81	1	56	
NACC0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	13	682	
NACC0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	110	
NACC0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	7	50	
NACC0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	0	1	
NACC0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	14	1168	
NACC0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/95-02/14/97	1	57	
NACC0085	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
NACC0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/95-02/14/97	1	48	
NACC0096	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	133	
NACC0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	0	17	
NACC0099	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/95-02/14/97	1	80	
NACC0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/95-02/14/97	2	53	
NACC0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	140	
NACC0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	10	84	
NACC0103	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	5	264	
NACC0104	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	7	
NACC0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	2	55	
NACC0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	142	
NACC0107	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-09/28/83	3	287	
NACC0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	2	62	
NACC0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	2	57	
NACC0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	2	57	
NACC0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	2	56	
NACC0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	2	57	
NACC0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/91-05/06/91	0	1	
NACC0123	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	0	15	
NACC0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	0	9	
NACC0125	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-10/23/95	12	94	
NACC0129	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	13	129	
NACC0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	134	
NACC0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/30/71	0	32	
NACC0133	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	111	
NACC0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	91	
NACC0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	14	1347	
NACC0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	0	15	
NACC0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-02/16/67	0	3	
NACC0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	8	
NACC0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	132	
NACC0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/20/71	0	1	
NACC0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	130	
NACC0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	12	
NACC0151	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/76-12/02/76	0	2	
NACC0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	134	
NACC0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
NACC0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	0	9	
NACC0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	132	
NACC0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	9	
NACC0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	7	31	
NACC0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	14	126	
NACC0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	8	
NACC0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
NACC0169	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	0	4	
NACC0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	7	21	
NACC0171	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	14	491	
NACC0172	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
NACC0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/31/71	0	34	
NACC0176	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	12	112	
NACC0177	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	12	121	
NACC0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	13	146	
NACC0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0181	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	13	116	
NACC0182	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0185	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/71-07/02/71	0	25	
NACC0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/28/71	0	32	
NACC0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0190	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0132	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/30/71	0	33	
NACC0148	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/20/71	0	1	
NACC0164	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0172	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	0	2	
NACC0175	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/31/71	0	33	
NACC0180	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0182	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0183	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0185	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/01/71-07/02/71	0	25	
NACC0186	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/28/71	0	33	
NACC0188	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0190	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	0	1	
NACC0010	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/20/79-09/28/83	4	100	
NACC0050	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/03/83-08/03/83	0	1	
NACC0052	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/26/79-07/26/79	0	197	
NACC0059	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/83-08/31/83	0	3	
NACC0066	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/09/81-08/26/81	0	4	
NACC0072	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/21/80-09/22/81	0	12	
NACC0107	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/24/79-09/28/83	4	92	
NACC0010	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/20/79-09/28/83	4	120	
NACC0050	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/03/83-08/03/83	0	1	
NACC0052	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/26/79-07/26/79	0	197	
NACC0059	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/83-08/31/83	0	3	
NACC0066	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/81-08/26/81	0	5	
NACC0072	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/21/80-09/22/81	0	17	
NACC0107	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/24/79-09/28/83	4	114	
NACC0008	No	00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	0	11	
NACC0030	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	42	
NACC0031	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
NACC0032	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	50	
NACC0041	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
NACC0045	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	12	
NACC0048	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	15	
NACC0051	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	17	
NACC0053	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	16	
NACC0055	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
NACC0058	No	00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	1	16	
NACC0065	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
NACC0067	No	00032	CLOUD COVER (PERCENT)	10/02/84-08/05/85	0	5	
NACC0073	No	00032	CLOUD COVER (PERCENT)	10/12/83-08/05/85	1	71	
NACC0078	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	38	
NACC0096	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
NACC0101	Yes	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
NACC0106	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	20	
NACC0125	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
NACC0129	No	00032	CLOUD COVER (PERCENT)	10/01/84-05/13/85	0	3	
NACC0131	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
NACC0133	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
NACC0136	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	42	
NACC0147	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
NACC0149	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
NACC0152	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
NACC0156	No	00032	CLOUD COVER (PERCENT)	10/12/83-07/09/85	1	11	
NACC0160	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	10	
NACC0171	No	00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	0	11	
NACC0176	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
NACC0177	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
NACC0179	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
NACC0181	No	00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	0	3	
NACC0010	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	1	80	
NACC0072	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	10/21/80-07/15/81	0	7	
NACC0107	No	00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	1	73	
NACC0002	No	00041	WEATHER (WMO CODE 4501)	09/19/74-08/04/98	23	256	
NACC0004	No	00041	WEATHER (WMO CODE 4501)	01/24/72-08/29/74	2	32	
NACC0008	No	00041	WEATHER (WMO CODE 4501)	10/13/83-08/31/87	3	32	
NACC0011	No	00041	WEATHER (WMO CODE 4501)	01/24/72-08/29/74	2	32	
NACC0030	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/14/87	3	201	
NACC0031	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	35	
NACC0032	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	169	
NACC0041	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	34	
NACC0045	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	34	
NACC0048	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	35	
NACC0051	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	93	
NACC0053	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	36	
NACC0055	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	32	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0058	No	00041	WEATHER (WMO CODE 4501)	10/11/83-09/01/87	3	36	
NACC0065	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
NACC0067	No	00041	WEATHER (WMO CODE 4501)	04/16/85-09/01/87	2	26	
NACC0073	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/01/87	3	205	
NACC0076	No	00041	WEATHER (WMO CODE 4501)	03/13/72-06/20/79	7	48	
NACC0078	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/14/87	3	197	
NACC0096	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
NACC0101	Yes	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	22	
NACC0106	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	42	
NACC0125	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	17	
NACC0129	No	00041	WEATHER (WMO CODE 4501)	04/15/85-08/31/87	2	28	
NACC0131	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	31	
NACC0133	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	31	
NACC0136	No	00041	WEATHER (WMO CODE 4501)	10/12/83-09/14/87	3	217	
NACC0147	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
NACC0149	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	31	
NACC0152	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
NACC0156	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	33	
NACC0160	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	30	
NACC0171	No	00041	WEATHER (WMO CODE 4501)	10/12/83-08/31/87	3	99	
NACC0176	No	00041	WEATHER (WMO CODE 4501)	05/21/85-07/14/87	2	20	
NACC0177	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	18	
NACC0179	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	21	
NACC0181	No	00041	WEATHER (WMO CODE 4501)	04/23/85-07/14/87	2	21	
NACC0103	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/17/63-03/30/65	1	87	
NACC0125	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/89-10/17/89	0	1	
NACC0176	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-01/14/86	0	2	
NACC0179	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/18/86-02/18/86	0	1	
NACC0002	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/06/75-08/04/98	23	194	
NACC0008	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/13/83-10/14/97	14	75	
NACC0030	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-12/08/97	14	652	
NACC0031	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-12/03/96	13	67	
NACC0032	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-12/03/96	13	316	
NACC0041	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-12/03/96	13	66	
NACC0045	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	77	
NACC0048	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-12/03/96	13	69	
NACC0051	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-12/03/96	13	233	
NACC0053	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-07/08/97	13	75	
NACC0055	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	74	
NACC0058	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/11/83-12/02/97	14	80	
NACC0065	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	75	
NACC0067	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	08/05/85-12/02/97	12	71	
NACC0073	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-12/03/96	13	393	
NACC0076	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/21/72-06/20/79	7	20	
NACC0078	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-12/08/97	14	741	
NACC0096	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	75	
NACC0101	Yes	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/03/94-12/05/94	0	3	
NACC0106	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	79	
NACC0113	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/06/91-05/06/91	0	1	
NACC0125	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/03/94-11/07/94	0	2	
NACC0129	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	09/09/85-10/14/97	12	69	
NACC0131	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	77	
NACC0133	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	77	
NACC0136	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-12/08/97	14	873	
NACC0147	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	75	
NACC0149	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	75	
NACC0152	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	75	
NACC0156	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	75	
NACC0160	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-10/14/97	14	73	
NACC0171	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/12/83-12/08/97	14	282	
NACC0176	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/03/94-12/05/94	0	3	
NACC0177	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	05/13/91-12/05/94	3	4	
NACC0179	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/03/94-12/05/94	0	3	
NACC0181	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	10/03/94-12/05/94	0	3	
NACC0002	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	100	
NACC0036	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	0	1	
NACC0038	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	29	
NACC0040	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	0	4	
NACC0044	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	2	13	
NACC0060	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	0	5	
NACC0061	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	2	11	
NACC0062	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	0	5	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0074	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	28	
NACC0102	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	3	27	
NACC0103	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	5	248	
NACC0134	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-06/23/76	3	26	
NACC0151	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/76-06/23/76	0	1	
NACC0158	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	2	11	
NACC0170	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	2	10	
NACC0103	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/01/68-01/07/69	0	15	
NACC0002	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-08/04/98	3	44	
NACC0038	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	18	
NACC0074	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	17	
NACC0102	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	50	
NACC0134	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	1	13	
NACC0158	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/24/80	1	14	
NACC0170	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/80-09/10/80	0	5	
NACC0002	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/18/75-04/18/75	0	1	
NACC0010	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-09/28/83	3	230	
NACC0037	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-05/13/70	0	1	
NACC0038	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	7	48	
NACC0040	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	0	1	
NACC0044	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	2	13	
NACC0050	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-08/03/83	0	1	
NACC0052	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/26/79-07/26/79	0	97	
NACC0059	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/83-08/31/83	0	3	
NACC0060	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	0	1	
NACC0061	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	2	11	
NACC0062	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	0	1	
NACC0066	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/81-08/26/81	0	4	
NACC0072	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/80-09/10/81	1	28	
NACC0074	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	7	47	
NACC0102	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/29/71-12/02/76	5	30	
NACC0107	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/04/80-09/28/83	3	146	
NACC0134	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	7	41	
NACC0151	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/76-12/02/76	0	2	
NACC0158	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	2	11	
NACC0170	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	2	10	
NACC0002	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/23/85	3	19	
NACC0008	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	0	1	
NACC0030	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	14	223	
NACC0031	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	12	5	
NACC0032	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	13	136	
NACC0033	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	7	106	
NACC0038	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	25	
NACC0041	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	12	4	
NACC0045	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
NACC0047	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	6	97	
NACC0048	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	12	4	
NACC0051	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	13	123	
NACC0053	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	12	3	
NACC0055	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
NACC0057	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	7	115	
NACC0058	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	12	3	
NACC0064	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	7	120	
NACC0065	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-03/12/84	0	4	
NACC0067	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/09/92-04/02/96	3	4	
NACC0073	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	13	135	
NACC0074	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	24	
NACC0078	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	14	232	
NACC0096	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
NACC0102	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	24	
NACC0106	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	0	4	
NACC0129	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/01/84-06/14/93	8	3	
NACC0131	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-10/05/87	3	4	
NACC0133	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
NACC0134	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	18	
NACC0136	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	14	232	
NACC0147	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-06/08/92	8	5	
NACC0149	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
NACC0152	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	0	3	
NACC0156	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	0	5	
NACC0158	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	2	19	
NACC0160	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-10/15/90	7	4	

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Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0171	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	14	136	
NACC0002	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	1	23	
NACC0103	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	5	255	
NACC0002	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	19	179	T,S
NACC0008	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	13	121	
NACC0030	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	14	990	
NACC0031	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	13	120	
NACC0032	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	13	539	
NACC0033	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	7	95	
NACC0038	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	16	
NACC0041	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	13	119	
NACC0045	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	126	
NACC0047	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	6	89	
NACC0048	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	13	121	
NACC0051	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	13	437	
NACC0053	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	13	129	
NACC0055	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	124	
NACC0057	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	7	101	
NACC0058	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	14	135	
NACC0064	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	7	101	
NACC0065	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	123	
NACC0067	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	13	125	
NACC0073	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	13	649	
NACC0074	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	15	
NACC0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	14	1120	
NACC0079	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	57	
NACC0094	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/04/95-02/14/97	1	48	
NACC0096	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	124	
NACC0099	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	80	
NACC0100	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	51	
NACC0101	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	140	
NACC0102	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	13	
NACC0105	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	53	
NACC0106	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	125	
NACC0108	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	59	
NACC0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	55	
NACC0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	54	
NACC0111	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	54	
NACC0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	1	55	
NACC0113	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/06/91-05/06/91	0	1	
NACC0125	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-10/23/95	12	94	
NACC0129	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	13	126	
NACC0131	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	126	
NACC0133	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	104	
NACC0134	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	10	
NACC0136	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	14	1290	
NACC0147	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	122	
NACC0149	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	120	
NACC0152	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	125	
NACC0156	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	125	
NACC0158	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	2	10	
NACC0160	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	14	118	
NACC0171	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	14	473	
NACC0176	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	12	112	
NACC0177	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	12	121	
NACC0179	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	13	146	
NACC0181	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	13	114	
NACC0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	9	98	
NACC0010	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	4	417	
NACC0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/24/79	0	19	
NACC0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/79-07/26/79	0	210	
NACC0066	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/81-08/26/81	0	10	
NACC0072	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/80-09/22/81	1	56	
NACC0103	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/68-01/07/69	0	10	
NACC0107	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-09/28/83	4	292	
NACC0002	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/09/94-02/07/95	0	2	
NACC0036	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	0	45	
NACC0038	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/10/71	0	9	
NACC0102	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	04/22/71-06/10/71	0	8	
NACC0010	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-05/19/81	0	6	
NACC0072	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	05/19/81-05/19/81	0	1	
NACC0107	No	00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-07/21/81	0	9	

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Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0010	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	75	
NACC0072	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	10/21/80-10/21/80	0	1	
NACC0107	No	00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	1	78	
NACC0010	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/13/80-08/26/81	1	35	
NACC0072	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	10/21/80-09/10/81	0	8	
NACC0107	No	00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	1	34	
NACC0002	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	6	73	
NACC0008	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	14	128	
NACC0030	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	14	1025	A
NACC0031	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	13	118	
NACC0032	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	13	560	
NACC0038	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	11	
NACC0041	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	13	117	
NACC0045	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	134	
NACC0048	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	13	119	
NACC0051	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	13	433	
NACC0053	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	13	128	
NACC0055	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	132	
NACC0058	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	14	134	
NACC0065	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	132	
NACC0067	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	13	122	
NACC0073	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	13	672	
NACC0074	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	9	
NACC0078	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	14	1159	A
NACC0079	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/95-02/14/97	1	56	
NACC0094	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/04/95-02/14/97	1	47	
NACC0096	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	133	
NACC0099	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/95-02/14/97	1	78	
NACC0100	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/27/95-02/14/97	2	53	
NACC0101	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	12	135	
NACC0102	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	8	
NACC0105	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	2	54	
NACC0106	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	142	
NACC0108	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	2	61	
NACC0109	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	2	56	
NACC0110	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-12/20/96	1	54	
NACC0111	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	2	55	
NACC0112	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	2	56	
NACC0113	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/91-05/06/91	0	1	
NACC0125	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-10/23/95	12	91	
NACC0129	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	13	129	
NACC0131	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	133	
NACC0133	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	99	
NACC0134	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	5	
NACC0136	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	14	1336	A
NACC0147	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	132	
NACC0149	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	130	
NACC0152	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	134	
NACC0156	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	132	
NACC0158	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	1	5	
NACC0160	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	14	126	
NACC0171	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	14	490	
NACC0176	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	12	106	
NACC0177	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	12	117	
NACC0179	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	13	140	
NACC0181	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	13	112	
NACC0002	No	00300	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	17	172	T,A,S
NACC0004	No	00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	2	32	
NACC0010	No	00300	OXYGEN, DISSOLVED MG/L	10/06/79-09/28/83	3	413	
NACC0011	No	00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	2	32	
NACC0033	No	00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	7	106	
NACC0037	No	00300	OXYGEN, DISSOLVED MG/L	05/13/70-05/13/70	0	1	
NACC0038	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	119	
NACC0040	No	00300	OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	0	4	
NACC0044	No	00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	2	14	
NACC0047	No	00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	6	97	
NACC0052	No	00300	OXYGEN, DISSOLVED MG/L	03/26/79-07/26/79	0	197	
NACC0057	No	00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	7	115	
NACC0060	No	00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	0	5	
NACC0061	No	00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	2	12	
NACC0062	No	00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	0	5	
NACC0064	No	00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	7	120	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0066	No	00300	OXYGEN, DISSOLVED MG/L	07/08/81-08/26/81	0	11	
NACC0072	No	00300	OXYGEN, DISSOLVED MG/L	06/17/80-09/22/81	1	56	
NACC0074	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	108	
NACC0076	No	00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	7	48	
NACC0102	No	00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	10	121	
NACC0103	No	00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	5	261	
NACC0104	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	8	
NACC0107	No	00300	OXYGEN, DISSOLVED MG/L	07/04/80-09/28/83	3	289	
NACC0132	No	00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	0	29	
NACC0134	No	00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	90	
NACC0146	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	8	
NACC0148	No	00300	OXYGEN, DISSOLVED MG/L	07/21/71-07/21/71	0	1	
NACC0150	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	12	
NACC0151	No	00300	OXYGEN, DISSOLVED MG/L	06/23/76-12/02/76	0	2	
NACC0153	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
NACC0157	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	9	
NACC0158	No	00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	7	29	
NACC0161	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	7	
NACC0169	No	00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	0	4	
NACC0170	No	00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	7	25	
NACC0175	No	00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	0	30	
NACC0180	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
NACC0182	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
NACC0183	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
NACC0186	No	00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	0	31	
NACC0190	No	00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	0	1	
NACC0010	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/20/79-08/26/81	2	70	
NACC0052	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	07/26/79-07/26/79	0	53	
NACC0066	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/26/81-08/26/81	0	1	
NACC0072	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	06/27/80-09/22/81	1	15	
NACC0107	No	00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/09/79-08/26/81	2	69	
NACC0002	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	23	251	T,A,S
NACC0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/72-08/29/74	2	31	
NACC0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	14	145	
NACC0032	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	13	146	
NACC0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	36	
NACC0051	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-06/03/86	2	14	
NACC0055	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	0	3	
NACC0062	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	0	3	
NACC0073	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	13	141	
NACC0074	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	11	24	
NACC0076	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/78-06/20/79	0	3	
NACC0078	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	14	142	
NACC0095	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/15/95-09/11/95	0	2	
NACC0101	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	133	
NACC0102	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	7	22	
NACC0103	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	5	259	
NACC0104	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0106	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	0	3	
NACC0125	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-10/23/95	11	79	
NACC0134	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	8	38	
NACC0136	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	14	142	
NACC0146	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0150	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0153	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0156	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-12/13/83	0	2	
NACC0157	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0158	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/79-09/15/81	2	18	
NACC0161	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0169	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	0	2	
NACC0170	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/80-09/16/81	1	12	
NACC0171	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	14	139	
NACC0176	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	12	104	
NACC0177	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	11	104	
NACC0179	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	133	
NACC0040	No	00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	0	3	
NACC0060	No	00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	0	3	
NACC0010	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/20/79-08/26/81	2	52	
NACC0052	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	07/26/79-07/26/79	0	53	
NACC0066	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/26/81-08/26/81	0	1	
NACC0072	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	06/27/80-09/22/81	1	15	
NACC0107	No	00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/09/79-08/26/81	2	65	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0010	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/20/79-08/26/81	2	70	
NACC0052	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	07/26/79-07/26/79	0	52	
NACC0066	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/26/81-08/26/81	0	1	
NACC0072	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	06/27/80-09/22/81	1	15	
NACC0107	No	00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/09/79-08/26/81	2	69	
NACC0010	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/20/79-08/26/81	2	52	
NACC0052	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	07/26/79-07/26/79	0	52	
NACC0066	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/26/81-08/26/81	0	1	
NACC0072	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	06/27/80-09/22/81	1	15	
NACC0107	No	00321	BOD, ULTIMATE SECOND STAGE MG/L	08/09/79-08/26/81	2	64	
NACC0010	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/29/79-08/05/80	0	4	
NACC0052	No	00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	07/26/79-07/26/79	0	1	
NACC0103	No	00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	5	240	
NACC0002	No	00340	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	23	199	T,A,S
NACC0004	No	00340	COD, .25N K2CR2O7 MG/L	01/30/72-01/30/72	0	1	
NACC0103	No	00340	COD, .25N K2CR2O7 MG/L	10/01/68-01/07/69	0	12	
NACC0103	No	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/17/63-11/16/65	2	108	
NACC0103	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/17/63-11/16/65	2	104	
NACC0038	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
NACC0074	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
NACC0102	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
NACC0134	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
NACC0158	No	00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	0	1	
NACC0002	No	00400	PH (STANDARD UNITS)	09/19/74-08/04/98	23	242	T,A,S
NACC0004	No	00400	PH (STANDARD UNITS)	01/24/72-08/29/74	2	32	
NACC0008	No	00400	PH (STANDARD UNITS)	10/07/85-10/14/97	12	117	
NACC0010	No	00400	PH (STANDARD UNITS)	06/17/80-09/28/83	3	403	
NACC0011	No	00400	PH (STANDARD UNITS)	01/24/72-08/29/74	2	32	
NACC0030	No	00400	PH (STANDARD UNITS)	10/12/83-12/08/97	14	989	
NACC0031	No	00400	PH (STANDARD UNITS)	05/08/84-12/03/96	12	114	
NACC0032	No	00400	PH (STANDARD UNITS)	10/11/83-12/03/96	13	524	
NACC0038	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	20	
NACC0041	No	00400	PH (STANDARD UNITS)	05/08/84-12/03/96	12	113	
NACC0045	No	00400	PH (STANDARD UNITS)	01/23/84-10/14/97	13	121	
NACC0048	No	00400	PH (STANDARD UNITS)	05/08/84-12/03/96	12	115	
NACC0051	No	00400	PH (STANDARD UNITS)	10/11/83-12/03/96	13	427	
NACC0052	No	00400	PH (STANDARD UNITS)	03/26/79-07/26/79	0	197	
NACC0053	No	00400	PH (STANDARD UNITS)	05/08/84-07/08/97	13	124	
NACC0055	No	00400	PH (STANDARD UNITS)	10/12/83-10/14/97	14	120	
NACC0058	No	00400	PH (STANDARD UNITS)	05/08/84-12/02/97	13	130	
NACC0065	No	00400	PH (STANDARD UNITS)	10/07/85-10/14/97	12	119	
NACC0066	No	00400	PH (STANDARD UNITS)	07/08/81-08/26/81	0	10	
NACC0067	No	00400	PH (STANDARD UNITS)	10/02/84-12/02/97	13	124	
NACC0072	No	00400	PH (STANDARD UNITS)	06/17/80-09/22/81	1	56	
NACC0073	No	00400	PH (STANDARD UNITS)	10/12/83-12/03/96	13	616	
NACC0074	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	20	
NACC0076	No	00400	PH (STANDARD UNITS)	03/13/72-06/20/79	7	50	
NACC0078	No	00400	PH (STANDARD UNITS)	10/12/83-12/08/97	14	1124	
NACC0096	No	00400	PH (STANDARD UNITS)	10/07/85-10/14/97	12	119	
NACC0101	Yes	00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	138	
NACC0102	No	00400	PH (STANDARD UNITS)	03/16/72-09/15/81	9	16	
NACC0103	No	00400	PH (STANDARD UNITS)	07/23/63-01/07/69	5	263	
NACC0104	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
NACC0106	No	00400	PH (STANDARD UNITS)	10/12/83-10/14/97	14	128	
NACC0107	No	00400	PH (STANDARD UNITS)	07/04/80-09/28/83	3	284	
NACC0113	No	00400	PH (STANDARD UNITS)	05/06/91-05/06/91	0	1	
NACC0125	No	00400	PH (STANDARD UNITS)	10/18/83-10/23/95	12	91	
NACC0129	No	00400	PH (STANDARD UNITS)	10/01/84-10/14/97	13	126	
NACC0131	No	00400	PH (STANDARD UNITS)	07/09/84-10/14/97	13	122	
NACC0133	No	00400	PH (STANDARD UNITS)	11/19/85-10/14/97	11	98	
NACC0134	No	00400	PH (STANDARD UNITS)	06/30/71-09/15/81	10	13	
NACC0136	No	00400	PH (STANDARD UNITS)	10/12/83-12/08/97	14	1297	
NACC0146	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
NACC0147	No	00400	PH (STANDARD UNITS)	10/07/85-10/14/97	12	118	
NACC0149	No	00400	PH (STANDARD UNITS)	10/07/85-10/14/97	12	117	
NACC0150	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	3	
NACC0152	No	00400	PH (STANDARD UNITS)	10/07/85-10/14/97	12	120	
NACC0153	No	00400	PH (STANDARD UNITS)	08/06/73-08/09/73	0	4	
NACC0156	No	00400	PH (STANDARD UNITS)	10/12/83-10/14/97	14	123	
NACC0157	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
NACC0158	No	00400	PH (STANDARD UNITS)	07/23/80-09/15/81	1	6	
NACC0160	No	00400	PH (STANDARD UNITS)	07/09/84-10/14/97	13	114	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0161	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	2	
NACC0169	No	00400	PH (STANDARD UNITS)	08/08/73-08/08/73	0	1	
NACC0171	No	00400	PH (STANDARD UNITS)	10/12/83-12/08/97	14	470	
NACC0176	No	00400	PH (STANDARD UNITS)	12/19/83-12/02/96	12	109	
NACC0177	No	00400	PH (STANDARD UNITS)	10/18/83-12/18/95	12	117	
NACC0179	No	00400	PH (STANDARD UNITS)	10/24/83-12/02/96	13	141	
NACC0181	No	00400	PH (STANDARD UNITS)	10/24/83-12/02/96	13	105	
NACC0002	No	00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	23	173	T,S
NACC0004	No	00403	PH, LAB, STANDARD UNITS SU	04/15/74-04/15/74	0	1	
NACC0010	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
NACC0076	No	00403	PH, LAB, STANDARD UNITS SU	06/28/77-06/28/77	0	1	
NACC0107	No	00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	0	1	
NACC0004	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/30/72-01/30/72	0	1	
NACC0010	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-10/02/80	1	3	
NACC0066	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/21/81-07/21/81	0	1	
NACC0107	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-07/21/81	1	4	
NACC0079	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/28/95-12/20/96	1	52	
NACC0094	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/04/95-12/20/96	1	44	
NACC0099	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/28/95-12/20/96	1	77	
NACC0100	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/27/95-12/20/96	1	48	
NACC0105	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/24/95-09/27/96	1	50	
NACC0108	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	1	58	
NACC0109	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	1	54	
NACC0110	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	1	54	
NACC0111	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	1	52	
NACC0112	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	1	53	
NACC0002	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	23	172	T,S
NACC0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/74-04/15/74	0	1	
NACC0010	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	0	4	
NACC0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	14	251	
NACC0032	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	13	155	
NACC0045	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/84-01/23/84	0	1	
NACC0048	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/07/91-10/07/91	0	1	
NACC0051	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	13	140	
NACC0055	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-11/16/83	0	1	
NACC0067	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/97-03/11/97	0	1	
NACC0073	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	13	152	
NACC0076	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	0	1	
NACC0078	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	14	248	
NACC0101	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	139	
NACC0103	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	5	250	
NACC0106	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-11/16/83	0	2	
NACC0107	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	0	2	
NACC0125	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-10/23/95	12	93	
NACC0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	14	250	
NACC0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-10/15/90	0	1	
NACC0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/13/83	0	3	
NACC0171	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	14	153	
NACC0176	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	12	114	
NACC0177	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	12	118	
NACC0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	13	144	
NACC0181	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-02/13/90	6	6	
NACC0103	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/68-01/07/69	0	14	
NACC0038	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	0	7	
NACC0074	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	0	6	
NACC0102	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/09/80	0	4	
NACC0134	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	0	1	
NACC0158	No	00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	0	1	
NACC0002	No	00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	23	155	T,S
NACC0004	No	00500	RESIDUE, TOTAL (MG/L)	12/06/73-06/01/74	0	2	
NACC0103	No	00500	RESIDUE, TOTAL (MG/L)	11/05/68-11/26/68	0	4	
NACC0002	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	23	155	T,S
NACC0004	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/06/73-06/01/74	0	2	
NACC0002	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	23	155	T,S
NACC0004	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/06/73-06/01/74	0	2	
NACC0103	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	5	243	
NACC0002	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	23	253	T,A,S
NACC0004	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
NACC0011	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/72-03/01/72	0	1	
NACC0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	14	181	
NACC0032	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	13	109	
NACC0051	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	13	103	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0055	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	0	3	
NACC0057	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/92-11/23/92	0	1	
NACC0073	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	13	103	
NACC0076	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/78-10/17/78	0	1	
NACC0078	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	14	175	
NACC0095	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/95-09/11/95	0	2	
NACC0101	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	12	102	
NACC0103	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/63-01/07/69	5	73	
NACC0106	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	0	3	
NACC0125	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-10/23/95	12	68	
NACC0136	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	14	176	
NACC0156	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	0	3	
NACC0171	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	14	102	
NACC0176	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	12	91	
NACC0177	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	12	89	
NACC0179	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	13	110	
NACC0181	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-12/20/83	0	3	
NACC0002	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	23	253	T,A,S
NACC0004	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
NACC0011	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/72-03/01/72	0	1	
NACC0076	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/78-10/17/78	0	1	
NACC0002	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	23	253	T,A,S
NACC0004	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/24/72-08/29/74	2	31	
NACC0011	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/01/72-03/01/72	0	1	
NACC0076	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/17/78-10/17/78	0	1	
NACC0011	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/30/72-01/30/72	0	1	
NACC0049	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	0	1	
NACC0107	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
NACC0010	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
NACC0049	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0052	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	12	
NACC0107	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	46	
NACC0010	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	24	
NACC0066	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/21/81-08/06/81	0	2	
NACC0072	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/21/80-08/18/81	0	4	
NACC0107	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/80-09/04/81	1	17	
NACC0010	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-08/26/81	2	57	
NACC0049	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	18	
NACC0052	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	12	
NACC0107	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/09/79-09/04/81	2	39	
NACC0010	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	66	
NACC0030	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	14	208	
NACC0032	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12	130	
NACC0038	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	23	
NACC0049	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	18	
NACC0051	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/84-02/11/92	8	6	
NACC0052	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	13	
NACC0073	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	12	125	
NACC0074	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	22	
NACC0078	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	14	204	
NACC0095	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/15/95-08/15/95	0	1	
NACC0101	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	12	107	
NACC0102	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	61	
NACC0107	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	50	
NACC0125	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-10/23/95	12	77	
NACC0134	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	2	30	
NACC0136	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	14	207	
NACC0158	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	16	
NACC0170	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	1	12	
NACC0171	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	14	130	
NACC0176	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	12	84	
NACC0177	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	12	98	
NACC0179	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	12	115	
NACC0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	23	249	T,A,S
NACC0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	0	30	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0007	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	0	7	
NACC0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	1	24	
NACC0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0037	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/70-05/13/70	0	1	
NACC0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	7	84	
NACC0040	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	0	4	
NACC0044	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	2	14	
NACC0060	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	0	5	
NACC0061	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	2	12	
NACC0062	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	0	5	
NACC0066	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/81-08/06/81	0	2	
NACC0068	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	0	32	
NACC0072	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/21/80-08/18/81	0	5	
NACC0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	7	83	
NACC0076	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	7	45	
NACC0085	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	0	24	
NACC0097	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	0	16	
NACC0102	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/71-06/23/76	5	54	
NACC0103	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-11/16/65	2	113	
NACC0104	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0107	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/80-09/04/81	1	17	
NACC0123	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	0	15	
NACC0134	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	7	71	
NACC0138	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	0	22	
NACC0146	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0150	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0151	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
NACC0153	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0157	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0158	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	2	11	
NACC0161	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0169	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0170	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	2	10	
NACC0010	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
NACC0030	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	11	187	
NACC0032	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	11	127	
NACC0038	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
NACC0049	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0051	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	2	5	
NACC0052	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	13	
NACC0073	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	11	124	
NACC0074	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	24	
NACC0078	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	11	182	
NACC0101	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	11	116	
NACC0102	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	64	
NACC0107	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	49	
NACC0125	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	11	86	
NACC0134	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	2	33	
NACC0136	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	11	184	
NACC0158	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	21	
NACC0170	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	1	15	
NACC0171	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	11	115	
NACC0176	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	11	95	
NACC0177	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	11	107	
NACC0179	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	11	123	
NACC0002	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	23	252	T,A,S
NACC0004	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0010	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-10/06/79	0	2	
NACC0011	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0076	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	7	45	
NACC0094	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/95-06/30/95	0	1	
NACC0099	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	30	
NACC0100	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/27/96-07/27/96	0	1	
NACC0107	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
NACC0108	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	34	
NACC0109	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	33	
NACC0110	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	32	
NACC0111	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	32	
NACC0112	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	32	
NACC0132	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	0	30	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0164	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	0	2	
NACC0172	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	0	2	
NACC0175	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/12/71	0	32	
NACC0180	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
NACC0182	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
NACC0183	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
NACC0186	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	0	31	
NACC0188	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
NACC0190	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	0	2	
NACC0010	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
NACC0030	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	11	164	
NACC0032	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	13	121	
NACC0038	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	25	
NACC0049	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0051	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-12/03/96	12	12	
NACC0052	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	11	
NACC0073	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	13	119	
NACC0074	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	24	
NACC0078	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	11	160	
NACC0101	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	10	101	
NACC0102	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	64	
NACC0107	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	48	
NACC0125	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	11	76	
NACC0134	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	2	34	
NACC0136	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	11	163	
NACC0158	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	21	
NACC0170	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	1	15	
NACC0171	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	11	102	
NACC0176	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	11	85	
NACC0177	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	11	95	
NACC0179	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	11	109	
NACC0002	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	23	224	T,A,S
NACC0004	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0011	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	2	31	
NACC0076	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/13/72-07/13/77	5	36	
NACC0094	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/30/95-06/30/95	0	1	
NACC0099	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	31	
NACC0100	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/96-07/27/96	0	1	
NACC0107	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	0	1	
NACC0108	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	30	
NACC0109	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	32	
NACC0110	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	29	
NACC0111	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	29	
NACC0112	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	1	29	
NACC0010	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	4	65	
NACC0036	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/25/69-02/10/70	0	20	
NACC0038	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	18	
NACC0049	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0052	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	0	13	
NACC0074	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	9	25	
NACC0102	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	9	57	
NACC0107	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	4	47	
NACC0134	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	9	30	
NACC0158	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	2	14	
NACC0170	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/06/80-09/16/81	1	13	
NACC0010	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/24/79-09/28/83	4	65	
NACC0049	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0052	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/21/80-09/22/81	0	12	
NACC0107	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/09/79-09/28/83	4	46	
NACC0002	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	23	248	T,A,S
NACC0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	0	7	
NACC0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-09/28/83	4	66	
NACC0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	2	32	
NACC0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	8	114	
NACC0032	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	81	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0036	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	1	49	
NACC0038	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	109	
NACC0040	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	0	4	
NACC0044	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	2	14	
NACC0049	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0051	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	79	
NACC0052	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0055	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	0	3	
NACC0060	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	0	5	
NACC0061	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	2	12	
NACC0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	0	5	
NACC0066	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/80-09/22/81	0	13	
NACC0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	9	79	
NACC0074	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	107	
NACC0076	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	7	45	
NACC0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	8	110	
NACC0101	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	8	79	
NACC0102	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	10	116	
NACC0104	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0106	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	0	3	
NACC0107	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-09/28/83	4	48	
NACC0125	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-10/26/92	9	63	
NACC0134	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	104	
NACC0136	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	8	112	
NACC0146	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0150	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0151	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/76-12/02/76	0	2	
NACC0153	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/83-12/13/83	0	2	
NACC0157	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0158	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	7	32	
NACC0161	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0169	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0170	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	7	24	
NACC0171	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	8	73	
NACC0176	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	7	72	
NACC0177	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	9	76	
NACC0179	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	9	90	
NACC0181	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/20/83	0	3	
NACC0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	2	26	
NACC0005	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	0	30	
NACC0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/04/69	0	7	
NACC0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/21/95	0	2	
NACC0032	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/95-08/15/95	0	1	
NACC0036	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	1	53	
NACC0037	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/70-05/13/70	0	1	
NACC0038	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	7	85	
NACC0040	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	0	4	
NACC0044	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	2	14	
NACC0049	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	0	1	
NACC0060	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	0	5	
NACC0061	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	2	12	
NACC0062	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	0	5	
NACC0068	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	0	31	
NACC0074	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	6	84	
NACC0076	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-06/20/79	1	9	
NACC0078	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/21/95	0	2	
NACC0085	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	0	23	
NACC0095	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/95-08/15/95	0	1	
NACC0097	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	0	15	
NACC0101	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	0	2	
NACC0102	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/71-12/02/76	5	55	
NACC0103	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/64-01/07/69	4	44	
NACC0104	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0107	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	0	1	
NACC0123	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	0	14	
NACC0125	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	0	2	
NACC0134	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	6	71	
NACC0136	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/21/95	0	2	
NACC0138	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	0	21	
NACC0146	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0150	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0151	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/76-12/02/76	0	2	
NACC0153	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0157	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0158	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	2	12	
NACC0161	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0169	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	0	4	
NACC0170	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	2	11	
NACC0171	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/14/95	0	1	
NACC0176	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-08/07/95	0	1	
NACC0177	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	0	2	
NACC0179	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	0	2	
NACC0010	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/79-09/28/83	4	66	
NACC0030	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	1	23	
NACC0032	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-06/04/96	0	4	
NACC0049	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/79-05/24/79	0	19	
NACC0052	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/26/79-07/26/79	0	15	
NACC0066	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/81-08/26/81	0	4	
NACC0072	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/80-09/22/81	0	13	
NACC0073	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-04/02/96	0	3	
NACC0078	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	1	24	
NACC0101	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/13/96-06/11/96	0	4	
NACC0107	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/79-09/28/83	4	49	
NACC0136	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	1	23	
NACC0171	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	1	16	
NACC0176	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/12/96-05/14/96	0	2	
NACC0179	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/13/96-06/11/96	0	4	
NACC0049	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	05/22/79-05/22/79	0	1	
NACC0103	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/08/64-01/07/69	4	41	
NACC0103	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/05/65-08/02/66	1	13	
NACC0036	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	1	49	
NACC0037	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/13/70-05/13/70	0	1	
NACC0038	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	97	
NACC0044	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	2	14	
NACC0061	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	2	12	
NACC0062	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/70-12/15/70	0	5	
NACC0074	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	97	
NACC0102	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	8	99	
NACC0103	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/01/68-01/07/69	0	14	
NACC0107	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	0	1	
NACC0134	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	83	
NACC0151	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/23/76-12/02/76	0	2	
NACC0158	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-10/09/79	5	24	
NACC0170	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-12/02/76	2	11	
NACC0036	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/25/69-02/10/70	0	22	
NACC0038	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	7	
NACC0074	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	12	
NACC0102	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	0	38	
NACC0103	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	5	238	
NACC0134	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	2	7	
NACC0158	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	0	6	
NACC0005	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	0	78	
NACC0007	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	0	7	
NACC0036	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/69-03/23/70	1	33	
NACC0037	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/70-05/13/70	0	1	
NACC0038	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	7	85	
NACC0040	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	0	3	
NACC0044	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	2	14	
NACC0060	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	0	4	
NACC0061	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	2	12	
NACC0062	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	0	4	
NACC0068	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	0	81	
NACC0074	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	7	84	
NACC0085	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	0	39	
NACC0097	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	0	16	
NACC0102	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/71-12/02/76	5	55	
NACC0104	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
NACC0123	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	0	15	
NACC0134	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	7	72	
NACC0138	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	0	38	
NACC0146	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
NACC0150	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0151	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/23/76-12/02/76	0	2	
NACC0153	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
NACC0157	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
NACC0158	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	2	12	
NACC0161	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
NACC0169	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	0	4	
NACC0170	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	2	11	
NACC0002	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	19	204	T,A,S
NACC0010	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/79-09/28/83	4	66	
NACC0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	9	111	
NACC0032	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	81	
NACC0038	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	14	
NACC0049	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/22/79-05/24/79	0	19	
NACC0051	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	76	
NACC0052	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/79-07/26/79	0	15	
NACC0055	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0066	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/81-08/26/81	0	4	
NACC0072	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/80-09/22/81	0	13	
NACC0073	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	9	81	
NACC0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	13	
NACC0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	9	107	
NACC0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	8	70	
NACC0102	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	19	
NACC0103	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/08/64-01/07/69	4	42	
NACC0106	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0107	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-09/28/83	4	48	
NACC0125	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-10/26/92	9	57	
NACC0134	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/16/81	1	24	
NACC0136	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	9	108	
NACC0156	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0158	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	1	8	
NACC0170	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/30/80-09/16/81	1	15	
NACC0171	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	9	71	
NACC0176	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-07/15/91	7	61	
NACC0177	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-12/14/92	9	70	
NACC0179	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	9	79	
NACC0181	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/20/83	0	3	
NACC0010	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/79-09/28/83	4	65	
NACC0030	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	9	110	
NACC0032	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	9	79	
NACC0038	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	14	
NACC0049	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/24/79	0	19	
NACC0051	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	8	67	
NACC0052	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/79-07/26/79	0	15	
NACC0055	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0066	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/09/81-08/26/81	0	4	
NACC0072	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/21/80-09/22/81	0	13	
NACC0073	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	9	78	
NACC0074	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	13	
NACC0078	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	9	106	
NACC0101	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	8	71	
NACC0102	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	19	
NACC0103	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/08/64-01/07/69	4	41	
NACC0106	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0107	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/79-09/28/83	4	48	
NACC0125	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-10/26/92	9	56	
NACC0134	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/16/81	1	20	
NACC0136	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	9	107	
NACC0156	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0158	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	1	8	
NACC0170	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/80-09/16/81	1	15	
NACC0171	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	9	70	
NACC0176	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-07/15/91	7	61	
NACC0177	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-12/14/92	9	69	
NACC0179	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	9	80	
NACC0181	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/20/83	0	3	
NACC0107	No	00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	0	1	
NACC0002	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	135	
NACC0010	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	0	6	
NACC0030	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	14	179	
NACC0032	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11	114	
NACC0038	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	13	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0051	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11	107	
NACC0055	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0073	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	11	111	
NACC0074	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	13	
NACC0078	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	14	177	
NACC0101	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	11	100	
NACC0102	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	19	
NACC0106	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0107	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	0	6	
NACC0125	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	11	75	
NACC0134	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/16/81	1	20	
NACC0136	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	14	181	
NACC0156	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	0	3	
NACC0158	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	1	9	
NACC0170	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/80-09/16/81	1	15	
NACC0171	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	14	110	
NACC0176	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	11	82	
NACC0177	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	11	92	
NACC0179	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	11	110	
NACC0181	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-12/20/83	0	3	
NACC0002	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	21	228	T,A,S
NACC0010	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/79-08/26/81	2	41	
NACC0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	96	
NACC0032	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	10	98	
NACC0036	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/05/70	0	35	
NACC0038	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	91	
NACC0040	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	0	2	
NACC0044	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	2	14	
NACC0049	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/79-05/24/79	0	19	
NACC0051	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/05/91-07/07/92	0	3	
NACC0052	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/26/79-07/26/79	0	15	
NACC0060	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	0	3	
NACC0061	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	2	12	
NACC0062	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	0	3	
NACC0066	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/21/81-08/06/81	0	2	
NACC0072	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/21/80-09/22/81	0	4	
NACC0073	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	10	98	
NACC0074	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	90	
NACC0076	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/78-06/20/79	0	3	
NACC0078	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	94	
NACC0101	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/20/83-12/20/83	0	1	
NACC0102	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	9	101	
NACC0103	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/65-01/07/69	3	36	
NACC0104	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0107	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/09/79-08/26/81	2	43	
NACC0125	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
NACC0134	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	10	79	
NACC0136	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	94	
NACC0146	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0150	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0151	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/76-12/02/76	0	2	
NACC0153	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0157	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0158	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	6	23	
NACC0161	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0169	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0170	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	6	19	
NACC0171	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	91	
NACC0176	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/19/83-12/19/83	0	1	
NACC0177	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
NACC0010	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/80-08/26/81	1	31	
NACC0030	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	111	
NACC0032	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	10	114	
NACC0036	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/69-01/27/70	0	15	
NACC0038	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	0	4	
NACC0049	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	0	1	
NACC0051	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/05/91-07/07/92	0	3	
NACC0066	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/06/81-08/06/81	0	1	
NACC0072	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/18/81-08/18/81	0	1	
NACC0073	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	10	113	
NACC0074	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	0	8	
NACC0078	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	109	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0101	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/83-12/20/83	0	1	
NACC0102	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/14/79-08/14/79	0	34	
NACC0103	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/65-01/07/69	3	31	
NACC0107	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	1	31	
NACC0125	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
NACC0134	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/79-08/14/79	0	3	
NACC0136	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	110	
NACC0158	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	0	4	
NACC0171	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	10	106	
NACC0176	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/19/83-12/19/83	0	1	
NACC0177	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	0	3	
NACC0038	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	54	
NACC0044	No	00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	2	13	
NACC0061	No	00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	2	11	
NACC0074	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	6	53	
NACC0102	No	00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	7	47	
NACC0104	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0134	No	00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	9	44	
NACC0146	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0150	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0151	No	00690	CARBON, TOTAL (MG/L AS C)	12/02/76-12/02/76	0	1	
NACC0153	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0157	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0158	No	00690	CARBON, TOTAL (MG/L AS C)	01/14/74-07/31/79	5	12	
NACC0161	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0169	No	00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	0	4	
NACC0170	No	00690	CARBON, TOTAL (MG/L AS C)	01/14/74-12/02/76	2	10	
NACC0010	No	00740	SULFITE (MG/L AS SO3)	07/22/81-07/22/81	0	1	
NACC0002	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	21	118	T,S
NACC0010	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	2	6	
NACC0030	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	13	247	
NACC0032	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	154	
NACC0048	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/91-10/07/91	0	1	
NACC0051	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	140	
NACC0067	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/97-03/11/97	0	1	
NACC0073	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	152	
NACC0076	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	0	1	
NACC0078	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	13	247	
NACC0101	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	140	
NACC0103	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	5	261	
NACC0107	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	2	4	
NACC0125	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-10/23/95	11	90	
NACC0136	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	13	249	
NACC0147	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/90-10/15/90	0	1	
NACC0171	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	13	151	
NACC0176	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	113	
NACC0177	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	11	117	
NACC0179	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	142	
NACC0181	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/22/88-04/05/88	0	2	
NACC0010	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	0	4	
NACC0107	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	0	2	
NACC0010	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	2	6	
NACC0107	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	2	4	
NACC0010	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	2	6	
NACC0107	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	2	4	
NACC0002	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	0	1	
NACC0010	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	2	6	
NACC0103	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/64-01/01/69	5	9	
NACC0107	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	2	4	
NACC0010	No	00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	2	6	
NACC0107	No	00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	2	4	
NACC0010	No	00932	SODIUM, PERCENT	08/22/79-08/25/81	2	6	
NACC0107	No	00932	SODIUM, PERCENT	08/22/79-08/25/81	2	4	
NACC0010	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/29/79	0	2	
NACC0107	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	0	1	
NACC0010	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	2	6	
NACC0103	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/64-01/01/69	5	9	
NACC0107	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	2	4	
NACC0002	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	23	168	T,S
NACC0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-04/15/74	2	3	
NACC0010	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	2	6	
NACC0074	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/71-06/30/71	0	2	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0076	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/72-06/12/73	1	3	
NACC0094	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/95-06/30/95	0	1	
NACC0099	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	1	30	
NACC0100	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/96-07/27/96	0	1	
NACC0103	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	5	264	
NACC0107	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	2	4	
NACC0108	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	1	34	
NACC0109	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	1	33	
NACC0110	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	1	32	
NACC0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	1	32	
NACC0112	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	1	32	
NACC0002	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	9	106	
NACC0010	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	2	6	
NACC0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/14/83	0	6	
NACC0032	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	0	3	
NACC0073	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
NACC0078	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
NACC0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/83-12/20/83	0	1	
NACC0103	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	5	252	
NACC0107	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	2	4	
NACC0125	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	0	3	
NACC0136	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
NACC0171	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	0	3	
NACC0176	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/19/83-12/19/83	0	1	
NACC0177	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	0	3	
NACC0010	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	1	4	
NACC0103	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/64-01/01/69	5	9	
NACC0107	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/80-08/25/81	1	3	
NACC0002	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	4	46	
NACC0002	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	85	
NACC0010	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/79-09/28/83	4	62	
NACC0049	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/79-05/24/79	0	19	
NACC0052	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/79-07/26/79	0	15	
NACC0066	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-08/26/81	0	4	
NACC0072	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/80-09/22/81	0	13	
NACC0107	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-09/28/83	4	47	
NACC0030	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	131	
NACC0032	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	11	102	
NACC0051	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/84-01/31/84	0	1	
NACC0073	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	11	100	
NACC0078	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	134	
NACC0101	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	11	95	
NACC0125	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	11	74	
NACC0136	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	130	
NACC0171	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	11	108	
NACC0176	No	00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	11	75	
NACC0177	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	11	91	
NACC0179	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	11	102	
NACC0030	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-10/01/91	5	16	
NACC0032	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-10/07/91	5	15	
NACC0073	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-10/07/91	5	14	
NACC0078	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-10/01/91	5	16	
NACC0101	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	5	12	
NACC0103	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/01/64-01/01/69	5	10	
NACC0125	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	5	7	
NACC0136	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-10/01/91	5	16	
NACC0171	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/86-10/01/91	4	15	
NACC0176	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-01/14/91	4	12	
NACC0177	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	5	13	
NACC0179	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	5	12	
NACC0002	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	17	14	
NACC0004	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
NACC0009	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/78-09/06/78	0	1	
NACC0011	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	1	3	
NACC0030	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	1	6	
NACC0032	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/94-01/10/95	1	6	
NACC0073	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/94-01/10/95	1	6	
NACC0076	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/21/72-06/28/77	5	4	
NACC0078	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	1	6	
NACC0101	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	01/10/94-01/23/95	1	6	
NACC0125	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/94-10/03/94	0	2	
NACC0136	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	1	6	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0171	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	1	6	
NACC0176	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/11/94-01/23/95	0	3	
NACC0177	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/10/94-10/03/94	0	5	
NACC0179	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/10/94-01/23/95	1	6	
NACC0002	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-06/09/92	11	4	
NACC0103	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/01/64-01/01/69	5	10	
NACC0103	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/01/64-01/01/69	5	10	
NACC0002	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4	4	
NACC0009	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/06/78-09/06/78	0	1	
NACC0002	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-06/09/92	9	2	
NACC0103	No	01020	BORON, DISSOLVED (UG/L AS B)	01/01/64-01/01/69	5	10	
NACC0103	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/01/64-01/01/69	5	10	
NACC0002	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	17	15	
NACC0004	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
NACC0009	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/78-09/06/78	0	1	
NACC0011	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	1	5	
NACC0030	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11	31	
NACC0032	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-01/10/95	11	29	
NACC0073	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/10/95	11	28	
NACC0076	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/21/72-06/28/77	5	6	
NACC0078	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11	29	
NACC0101	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-01/23/95	9	22	
NACC0125	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-10/03/94	10	16	
NACC0136	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11	30	
NACC0171	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11	28	
NACC0176	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	10	22	
NACC0177	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-10/03/94	10	24	
NACC0179	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	10	25	
NACC0002	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	11	4	
NACC0002	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	11	4	
NACC0103	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/01/64-01/01/69	5	10	
NACC0002	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	18	15	
NACC0004	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	2	10	
NACC0009	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/78-09/06/78	0	1	
NACC0011	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	2	10	
NACC0030	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11	31	
NACC0032	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-01/10/95	11	29	
NACC0073	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/10/95	11	28	
NACC0076	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/21/72-06/28/77	5	7	
NACC0078	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11	29	
NACC0101	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-01/23/95	9	22	
NACC0125	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-10/03/94	10	16	
NACC0136	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11	30	
NACC0171	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11	28	
NACC0176	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	10	22	
NACC0177	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-10/03/94	10	24	
NACC0179	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	10	25	
NACC0103	No	01035	COBALT, DISSOLVED (UG/L AS CO)	01/01/64-01/01/69	5	10	
NACC0103	No	01040	COPPER, DISSOLVED (UG/L AS CU)	01/01/64-01/01/69	5	10	
NACC0002	No	01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	18	16	
NACC0004	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	2	10	
NACC0009	No	01042	COPPER, TOTAL (UG/L AS CU)	09/06/78-09/06/78	0	1	
NACC0011	No	01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	2	10	
NACC0030	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11	31	
NACC0032	No	01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-01/10/95	11	29	
NACC0073	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/10/95	11	28	
NACC0076	No	01042	COPPER, TOTAL (UG/L AS CU)	05/21/72-06/28/77	5	7	
NACC0078	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11	29	
NACC0099	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	1	24	
NACC0100	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/27/96-07/27/96	0	1	
NACC0101	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-01/23/95	9	22	
NACC0108	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	1	29	
NACC0109	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	1	28	
NACC0110	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	1	27	
NACC0111	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	1	27	
NACC0112	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	1	27	
NACC0125	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-10/03/94	10	16	
NACC0136	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11	30	
NACC0171	No	01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11	28	
NACC0176	No	01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	10	22	
NACC0177	No	01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-10/03/94	10	24	
NACC0179	No	01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	10	25	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0002	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-06/09/92	11	4	
NACC0002	No	01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	14	6	
NACC0030	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	31	
NACC0032	No	01045	IRON, TOTAL (UG/L AS FE)	10/11/83-01/10/95	11	28	
NACC0073	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/10/95	11	27	
NACC0078	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	29	
NACC0101	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/23/85-01/23/95	9	22	
NACC0103	No	01045	IRON, TOTAL (UG/L AS FE)	01/01/64-01/01/69	5	10	
NACC0125	No	01045	IRON, TOTAL (UG/L AS FE)	10/18/83-10/03/94	10	16	
NACC0136	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	30	
NACC0171	No	01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	28	
NACC0176	No	01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	10	22	
NACC0177	No	01045	IRON, TOTAL (UG/L AS FE)	10/18/83-10/03/94	10	24	
NACC0179	No	01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	10	25	
NACC0010	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	2	
NACC0038	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
NACC0074	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
NACC0102	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
NACC0107	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	0	2	
NACC0134	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
NACC0158	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	0	1	
NACC0103	No	01049	LEAD, DISSOLVED (UG/L AS PB)	01/01/64-01/01/69	5	10	
NACC0002	No	01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	18	16	
NACC0004	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
NACC0009	No	01051	LEAD, TOTAL (UG/L AS PB)	09/06/78-09/06/78	0	1	
NACC0011	No	01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	2	9	
NACC0030	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11	32	
NACC0032	No	01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-01/10/95	11	29	
NACC0073	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/10/95	11	28	
NACC0076	No	01051	LEAD, TOTAL (UG/L AS PB)	05/21/72-06/28/77	5	6	
NACC0078	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11	29	
NACC0101	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-01/23/95	9	22	
NACC0125	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-10/03/94	10	16	
NACC0136	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11	30	
NACC0171	No	01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11	28	
NACC0176	No	01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	10	22	
NACC0177	No	01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-10/03/94	10	25	
NACC0179	No	01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	10	25	
NACC0002	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-06/09/92	11	4	
NACC0010	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/05/80-08/05/80	0	1	
NACC0002	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	14	8	
NACC0010	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/05/80-08/05/80	0	1	
NACC0103	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/01/64-01/01/69	5	10	
NACC0010	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	2	
NACC0107	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	0	2	
NACC0002	No	01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4	4	
NACC0009	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/06/78-09/06/78	0	1	
NACC0103	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/01/64-01/01/69	5	10	
NACC0002	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	4	8	
NACC0004	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
NACC0011	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	0	3	
NACC0076	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/73-06/28/77	4	4	
NACC0103	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	01/01/64-01/01/69	5	10	
NACC0002	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	13	6	
NACC0009	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/06/78-09/06/78	0	1	
NACC0002	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	11	4	
NACC0103	No	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	01/01/64-01/01/69	5	10	
NACC0103	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/01/64-01/01/69	5	10	
NACC0002	No	01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	0	2	
NACC0009	No	01077	SILVER, TOTAL (UG/L AS AG)	09/06/78-09/06/78	0	1	
NACC0002	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	06/09/92-06/09/92	0	1	
NACC0103	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/01/64-01/01/69	5	10	
NACC0103	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	01/01/64-01/01/69	5	10	
NACC0103	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/01/64-01/01/69	5	10	
NACC0002	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	18	14	
NACC0004	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	2	10	
NACC0009	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/06/78-09/06/78	0	1	
NACC0011	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	2	10	
NACC0030	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	30	
NACC0032	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-01/10/95	11	29	
NACC0073	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/10/95	11	28	
NACC0076	No	01092	ZINC, TOTAL (UG/L AS ZN)	05/21/72-06/28/77	5	7	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0078	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	28	
NACC0101	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-01/23/95	9	22	
NACC0125	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-10/03/94	10	16	
NACC0136	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	29	
NACC0171	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	27	
NACC0176	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	10	22	
NACC0177	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-10/03/94	10	24	
NACC0179	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	10	25	
NACC0002	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-06/09/92	11	4	
NACC0009	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/06/78-09/06/78	0	1	
NACC0103	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	01/01/64-01/01/69	5	10	
NACC0038	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
NACC0074	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
NACC0102	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
NACC0134	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
NACC0158	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	0	6	
NACC0002	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4	4	
NACC0009	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/06/78-09/06/78	0	1	
NACC0030	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	8	22	
NACC0032	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	8	20	
NACC0073	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	8	19	
NACC0078	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	8	22	
NACC0101	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	8	17	
NACC0125	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-10/03/94	8	9	
NACC0136	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	8	22	
NACC0171	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-01/09/95	8	21	
NACC0176	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	8	15	
NACC0177	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/18/94	7	17	
NACC0179	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	8	18	
NACC0002	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-06/09/92	9	2	
NACC0002	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	08/14/79-10/15/90	11	31	
NACC0103	No	01501	ALPHA, TOTAL	07/17/63-01/07/69	5	101	
NACC0103	No	01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	5	101	
NACC0103	No	01503	ALPHA, DISSOLVED	07/17/63-01/07/69	5	101	
NACC0103	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	5	101	
NACC0103	No	01505	ALPHA, SUSPENDED	07/17/63-01/07/69	5	101	
NACC0103	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	5	101	
NACC0103	No	03501	BETA, TOTAL	07/17/63-01/07/69	5	101	
NACC0103	No	03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	5	101	
NACC0103	No	03503	BETA, DISSOLVED	07/17/63-01/07/69	5	101	
NACC0103	No	03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	5	101	
NACC0103	No	03505	BETA, SUSPENDED	07/17/63-01/07/69	5	101	
NACC0103	No	03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	5	101	
NACC0008	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0030	No	04378	WAVE STATE CODE	01/22/96-12/08/97	1	151	
NACC0031	No	04378	WAVE STATE CODE	04/02/96-12/03/96	0	8	
NACC0041	No	04378	WAVE STATE CODE	04/02/96-12/03/96	0	8	
NACC0045	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0048	No	04378	WAVE STATE CODE	03/05/96-12/03/96	0	9	
NACC0051	No	04378	WAVE STATE CODE	03/05/96-12/03/96	0	36	
NACC0053	No	04378	WAVE STATE CODE	03/05/96-07/08/97	1	15	
NACC0055	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0058	No	04378	WAVE STATE CODE	03/05/96-12/02/97	1	19	
NACC0065	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0067	No	04378	WAVE STATE CODE	03/05/96-12/02/97	1	19	
NACC0078	No	04378	WAVE STATE CODE	02/12/96-12/08/97	1	177	
NACC0096	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0106	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0129	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	16	
NACC0131	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	17	
NACC0133	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	17	
NACC0136	No	04378	WAVE STATE CODE	02/12/96-12/08/97	1	223	
NACC0147	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	18	
NACC0149	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	18	
NACC0152	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	18	
NACC0156	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	18	
NACC0160	No	04378	WAVE STATE CODE	03/11/96-10/14/97	1	18	
NACC0171	No	04378	WAVE STATE CODE	02/12/96-12/08/97	1	51	
NACC0103	No	13501	STRONTIUM 90, TOTAL	07/01/63-01/01/65	1	4	
NACC0103	No	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	0	1	
NACC0071	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0071	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
NACC0071	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	08/29/84-08/29/84	0	1	
NACC0081	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	12/17/86-12/17/86	0	1	
NACC0103	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	5	243	
NACC0002	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-08/17/77	2	19	
NACC0030	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	13	89	
NACC0032	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	0	3	
NACC0062	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/18/70-03/18/70	0	1	
NACC0073	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/13/83	0	3	
NACC0076	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/28/75-06/29/76	0	2	
NACC0078	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	13	91	
NACC0101	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/20/83-12/20/83	0	1	
NACC0104	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0125	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	0	4	
NACC0132	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	0	43	
NACC0136	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	13	93	
NACC0146	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0148	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/20/71	0	1	
NACC0150	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0153	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0157	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0161	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0164	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/21/71	0	2	
NACC0169	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	0	2	
NACC0171	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	13	89	
NACC0172	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/21/71-07/21/71	0	1	
NACC0175	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	0	42	
NACC0176	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/19/83-02/22/84	0	2	
NACC0177	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	0	4	
NACC0179	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/22/84-02/22/84	0	1	
NACC0180	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	0	2	
NACC0182	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	0	2	
NACC0183	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	0	1	
NACC0185	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/01/71-07/02/71	0	23	
NACC0186	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	0	43	
NACC0188	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	0	2	
NACC0190	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	0	1	
NACC0001	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	0	8	
NACC0002	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	2	30	
NACC0003	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/14/67-02/21/67	0	16	
NACC0060	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	0	1	
NACC0069	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/30/67	0	2	
NACC0077	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	0	4	
NACC0124	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	0	10	
NACC0145	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	0	4	
NACC0155	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	0	9	
NACC0038	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
NACC0074	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
NACC0102	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0134	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
NACC0158	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	0	2	
NACC0001	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	0	9	
NACC0003	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/14/67-02/21/67	0	16	
NACC0040	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	0	3	
NACC0060	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	0	4	
NACC0069	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/30/67	0	2	
NACC0077	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	0	4	
NACC0124	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	0	11	
NACC0145	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	0	4	
NACC0155	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	0	10	
NACC0030	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	13	96	
NACC0032	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	13	92	
NACC0038	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	9	3	
NACC0062	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	0	4	
NACC0073	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	13	95	
NACC0074	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	9	3	
NACC0078	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	13	99	
NACC0101	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	12	93	
NACC0102	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
NACC0104	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0125	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	12	63	
NACC0134	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
NACC0136	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	13	101	
NACC0146	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0150	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0153	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0157	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0158	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	0	2	
NACC0161	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0169	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	0	2	
NACC0171	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	13	96	
NACC0176	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	12	74	
NACC0177	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	12	78	
NACC0179	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	12	96	
NACC0002	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	23	218	T,A,S
NACC0004	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	2	32	
NACC0010	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	23	
NACC0011	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	2	30	
NACC0030	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	1	22	
NACC0032	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/91-04/14/92	0	6	
NACC0072	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/80-11/18/80	0	1	
NACC0073	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/91-04/14/92	0	6	
NACC0076	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	7	50	
NACC0078	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	1	22	
NACC0101	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	0	6	
NACC0107	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	1	20	
NACC0125	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	0	3	
NACC0136	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	1	22	
NACC0171	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	1	22	
NACC0177	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-03/16/92	0	5	
NACC0179	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	0	7	
NACC0132	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/15/71-08/12/71	0	43	
NACC0148	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/20/71	0	1	
NACC0164	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	0	2	
NACC0172	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	0	2	
NACC0175	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	0	39	
NACC0180	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	0	2	
NACC0182	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	0	2	
NACC0183	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	0	1	
NACC0185	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/01/71-07/02/71	0	23	
NACC0186	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	0	40	
NACC0188	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	0	2	
NACC0190	No	31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	0	1	
NACC0030	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	1	23	
NACC0032	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/09/91	1	16	
NACC0073	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/09/91	1	17	
NACC0078	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	1	23	
NACC0101	Yes	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	1	18	
NACC0125	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/08/90-09/23/91	1	12	
NACC0136	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	1	23	
NACC0171	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	1	23	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0176	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-07/15/91	1	11	
NACC0177	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	1	17	
NACC0179	No	31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	1	16	
NACC0010	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	23	
NACC0072	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/18/80-11/18/80	0	1	
NACC0107	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	1	20	
NACC0001	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	0	8	
NACC0003	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/14/67-02/21/67	0	16	
NACC0069	Yes	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/30/67	0	2	
NACC0077	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	0	4	
NACC0124	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	0	10	
NACC0145	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	0	4	
NACC0155	No	31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	0	9	
NACC0132	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	0	11	
NACC0175	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	0	11	
NACC0186	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	0	9	
NACC0132	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	0	42	
NACC0164	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/20/71	0	1	
NACC0172	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/21/71	0	2	
NACC0175	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	0	41	
NACC0180	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
NACC0182	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
NACC0183	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/18/71-07/18/71	0	1	
NACC0185	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/01/71-07/02/71	0	20	
NACC0186	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	0	40	
NACC0188	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
NACC0190	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	0	2	
NACC0103	No	32000	SAMPLE SIZE (LITERS)	11/09/66-08/06/68	1	22	
NACC0103	No	32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	5	63	
NACC0103	No	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	5	61	
NACC0103	No	32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	5	61	
NACC0103	No	32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	5	63	
NACC0103	No	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	07/16/63-11/05/63	0	4	
NACC0103	No	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	07/16/63-11/05/63	0	4	
NACC0103	No	32023	ACIDS, STRONG	07/16/63-11/05/63	0	4	
NACC0103	No	32024	ACIDS, WEAK	07/16/63-11/05/63	0	4	
NACC0103	No	32025	BASES	07/16/63-11/05/63	0	4	
NACC0103	No	32026	NEUTRALS, TOTAL	07/16/63-11/05/63	0	4	
NACC0103	No	32027	ALIPHATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	0	4	
NACC0103	No	32028	AROMATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	0	4	
NACC0103	No	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	07/16/63-11/05/63	0	4	
NACC0009	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0127	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
NACC0009	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0127	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
NACC0009	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0127	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
NACC0009	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0127	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/04/75-03/04/75	0	1	
NACC0009	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0127	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/13/75-02/13/75	0	1	
NACC0010	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/14/79-09/28/83	3	297	
NACC0050	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-08/03/83	0	1	
NACC0059	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/10/83-08/31/83	0	3	
NACC0072	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/17/80-09/22/81	1	64	
NACC0107	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/04/80-09/28/83	3	238	
NACC0002	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-07/15/97	16	60	S
NACC0040	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/30/70-12/15/70	0	4	
NACC0060	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/18/70-12/15/70	0	5	
NACC0104	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0146	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0150	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0153	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0157	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0161	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0169	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	0	4	
NACC0002	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-07/15/97	16	59	S
NACC0010	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	0	11	
NACC0049	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	18	
NACC0052	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	0	15	
NACC0107	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	0	8	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0010	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/14/79-09/28/83	3	297	
NACC0050	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-08/03/83	0	1	
NACC0059	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/10/83-08/31/83	0	3	
NACC0072	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/17/80-09/22/81	1	64	
NACC0107	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/04/80-09/28/83	3	238	
NACC0010	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/14/79-09/28/83	3	296	
NACC0030	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
NACC0032	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	0	1	
NACC0050	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-08/03/83	0	1	
NACC0059	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/83-08/31/83	0	3	
NACC0072	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/17/80-09/22/81	1	64	
NACC0073	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	0	1	
NACC0078	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
NACC0107	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/04/80-09/28/83	3	238	
NACC0136	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
NACC0171	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	0	1	
NACC0002	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-06/10/97	15	58	S
NACC0010	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	0	11	
NACC0030	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	3	34	
NACC0032	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/15/86	3	30	
NACC0049	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	0	15	
NACC0051	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-12/15/83	0	3	
NACC0052	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	0	15	
NACC0073	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-10/15/86	3	29	
NACC0078	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	3	31	
NACC0101	Yes	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/84-10/21/86	2	13	
NACC0107	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	0	8	
NACC0125	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	3	22	
NACC0136	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	3	30	
NACC0171	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	3	22	
NACC0176	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/14/86-01/14/86	0	1	
NACC0177	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	3	22	
NACC0179	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/84-10/21/86	2	22	
NACC0002	No	32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-07/15/97	16	59	S
NACC0030	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	34	
NACC0032	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/15/86	3	30	
NACC0051	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-12/15/83	0	3	
NACC0073	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-10/15/86	3	31	
NACC0078	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	31	
NACC0101	Yes	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	08/13/84-10/21/86	2	14	
NACC0125	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	3	22	
NACC0136	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	31	
NACC0171	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	3	23	
NACC0176	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/14/86-01/14/86	0	1	
NACC0177	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	3	23	
NACC0179	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/25/84-10/21/86	2	23	
NACC0010	No	32230	CHLOROPHYLL A (MG/L)	07/24/79-10/06/79	0	11	
NACC0038	No	32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	7	11	
NACC0049	No	32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	0	19	
NACC0052	No	32230	CHLOROPHYLL A (MG/L)	07/26/79-07/26/79	0	15	
NACC0074	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	10	
NACC0102	No	32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	7	43	
NACC0107	No	32230	CHLOROPHYLL A (MG/L)	08/09/79-08/24/79	0	8	
NACC0134	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	8	
NACC0158	No	32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	0	10	
NACC0170	No	32230	CHLOROPHYLL A (MG/L)	12/02/76-12/02/76	0	1	
NACC0074	No	32237	PIGMENTS, PHEAD (MG/L)	06/30/71-06/30/71	0	2	
NACC0002	No	32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	0	6	
NACC0009	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	0	1	
NACC0009	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	0	1	
NACC0009	No	34200	ACENAPHTHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34205	ACENAPHTHENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34210	ACROLEIN TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34215	ACRYLONITRILE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34220	ANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34247	BENZO-A-PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	6	2	
NACC0009	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0009	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34301	CHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0127	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	03/04/75-03/04/75	0	1	
NACC0009	No	34311	CHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34320	CHRYSENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	6	2	
NACC0009	No	34351	ENDOSULFAN SULFATE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	6	2	
NACC0009	No	34356	ENDOSULFAN, BETA TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	6	2	
NACC0009	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	6	2	
NACC0009	No	34366	ENDRIN ALDEHYDE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34371	ETHYLBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34376	FLUORANTHENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34381	FLUORENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0071	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
NACC0009	No	34396	HEXACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34408	ISOPHORONE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34413	METHYL BROMIDE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34418	METHYL CHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34447	NITROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34461	PHENANTHRENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34469	PYRENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-06/09/92	9	2	
NACC0009	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0071	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
NACC0009	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34561	1,3-DICHLOROPROPENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34586	2-CHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34591	2-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34646	4-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0009	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0002	No	34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	6	2	
NACC0009	No	34671	PCB - 1016 TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0071	No	34685	ENDRIN WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	34685	ENDRIN WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	34687	HEPTACHLOR WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	0	1	
NACC0009	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0009	No	34696	NAPHTHALENE TOTWUG/L	09/06/78-09/06/78	0	1	
NACC0071	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	08/29/84-08/29/84	0	1	
NACC0081	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	12/17/86-12/17/86	0	1	
NACC0103	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/03/64-06/04/68	4	44	
NACC0002	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	0	1	
NACC0002	No	38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	0	1	
NACC0002	No	38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	6	2	
NACC0071	No	38824	ISOPROPALIN TISWETWGTMG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	38824	ISOPROPALIN TISWETWGTMG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/01/79-07/13/93	13	5	
NACC0009	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-06/09/92	5	3	
NACC0002	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	1	3	
NACC0071	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	0	1	
NACC0081	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	0	1	
NACC0002	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	1	3	
NACC0071	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	0	1	
NACC0081	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	0	1	
NACC0002	No	39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	1	3	
NACC0002	No	39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	1	3	
NACC0071	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/29/84-08/29/84	0	1	
NACC0081	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/17/86-12/17/86	0	1	
NACC0009	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0009	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
NACC0009	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0002	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
NACC0002	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
NACC0009	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0002	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
NACC0071	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
NACC0009	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0071	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
NACC0002	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	6	
NACC0009	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0103	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-06/09/92	11	3	
NACC0071	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
NACC0009	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	0	1	
NACC0002	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	6	2	
NACC0009	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	0	1	
NACC0071	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
NACC0009	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0103	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/23/64-09/29/67	3	3	
NACC0071	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0002	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/01/79-09/08/81	1	3	
NACC0009	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-06/09/92	5	3	
NACC0071	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0103	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
NACC0103	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
NACC0103	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	3	
NACC0002	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
NACC0009	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0103	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	5	3	
NACC0002	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	5	
NACC0009	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0103	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
NACC0002	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
NACC0009	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0002	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	5	3	
NACC0071	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/29/84-08/29/84	0	1	
NACC0081	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/17/86-12/17/86	0	1	
NACC0071	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
NACC0009	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0103	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	5	2	
NACC0002	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
NACC0009	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0103	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	3	
NACC0002	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
NACC0002	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
NACC0009	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
NACC0009	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
NACC0009	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
NACC0009	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0009	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	6	2	
NACC0009	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	0	1	
NACC0002	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	13	4	
NACC0002	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-06/09/92	5	3	
NACC0002	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	0	1	
NACC0002	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	1	2	
NACC0002	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	1	3	
NACC0009	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	0	1	
NACC0009	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/06/78-09/06/78	0	1	
NACC0002	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
NACC0002	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
NACC0002	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	6	2	
NACC0071	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	0	1	
NACC0134	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/21/81-08/04/81	0	2	
NACC0139	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	11/09/69-11/11/69	0	11	
NACC0002	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	13	81	
NACC0004	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/24/72-08/29/74	2	13	
NACC0076	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	7	21	
NACC0094	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/30/95-06/30/95	0	1	
NACC0099	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	1	27	
NACC0100	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/27/96-07/27/96	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0108	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	1	31	
NACC0109	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	1	30	
NACC0110	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	1	29	
NACC0111	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	1	29	
NACC0112	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	1	29	
NACC0094	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	06/30/95-06/30/95	0	1	
NACC0099	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	1	28	
NACC0100	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	07/27/96-07/27/96	0	1	
NACC0108	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	1	32	
NACC0109	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	1	31	
NACC0110	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	1	30	
NACC0111	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	1	30	
NACC0112	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	1	30	
NACC0010	No	60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-08/26/81	2	46	
NACC0066	No	60050	ALGAE, TOTAL (CELLS/ML)	07/09/81-08/26/81	0	5	
NACC0072	No	60050	ALGAE, TOTAL (CELLS/ML)	10/21/80-09/22/81	0	13	
NACC0103	No	60050	ALGAE, TOTAL (CELLS/ML)	07/17/63-11/05/68	5	66	
NACC0107	No	60050	ALGAE, TOTAL (CELLS/ML)	08/24/79-08/26/81	2	41	
NACC0103	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	5	64	
NACC0103	No	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	5	64	
NACC0103	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	07/17/63-11/05/68	5	66	
NACC0103	No	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	07/17/63-09/10/68	5	65	
NACC0103	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	07/17/63-11/05/68	5	66	
NACC0103	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	07/17/63-09/10/68	5	64	
NACC0103	No	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	07/17/63-06/06/67	3	55	
NACC0103	No	60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	11/08/66-06/06/67	0	3	
NACC0103	No	60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	11/08/66-06/06/67	0	3	
NACC0103	No	60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	11/08/66-06/06/67	0	2	
NACC0103	No	60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	11/08/66-06/06/67	0	3	
NACC0103	No	60400	DIATOMS, CENTRIC (/ML)	07/17/63-11/05/68	5	66	
NACC0103	No	60600	DIATOMS, PENNATE (/ML)	07/17/63-11/05/68	5	66	
NACC0103	No	60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	11/08/66-11/05/68	1	15	
NACC0103	No	60620	DIATOM, INERT SHELLS - PENNATE (/ML)	11/08/66-11/05/68	1	15	
NACC0103	No	61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	3	
NACC0103	No	61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	3	
NACC0103	No	61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	3	
NACC0103	No	61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	11/08/66-06/06/67	0	2	
NACC0008	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/13/83-12/12/94	11	72	
NACC0030	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	561	
NACC0031	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-08/16/94	10	69	
NACC0032	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-11/15/94	11	318	
NACC0041	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-08/16/94	10	68	
NACC0045	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	75	
NACC0048	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-10/25/94	11	70	
NACC0051	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/13/94	10	244	
NACC0053	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/13/94	10	72	
NACC0055	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	72	
NACC0058	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/11/83-09/13/94	10	73	
NACC0065	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	73	
NACC0067	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/02/84-09/13/94	9	63	
NACC0073	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-10/25/94	11	391	
NACC0078	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-06/13/96	12	647	
NACC0096	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	73	
NACC0101	Yes	70222	WAVE HEIGHT (WMO CODE 1555)	10/03/94-12/05/94	0	3	
NACC0106	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	82	
NACC0113	No	70222	WAVE HEIGHT (WMO CODE 1555)	05/06/91-05/06/91	0	1	
NACC0125	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/03/94-11/07/94	0	2	
NACC0129	No	70222	WAVE HEIGHT (WMO CODE 1555)	05/13/85-12/12/94	9	68	
NACC0131	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	73	
NACC0133	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	73	
NACC0136	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	721	
NACC0147	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	71	
NACC0149	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	71	
NACC0152	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	71	
NACC0156	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	71	
NACC0160	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	69	
NACC0171	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/12/83-12/12/94	11	285	
NACC0176	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/03/94-12/05/94	0	3	
NACC0177	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/03/94-12/05/94	0	3	
NACC0179	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/03/94-12/05/94	0	3	
NACC0181	No	70222	WAVE HEIGHT (WMO CODE 1555)	10/03/94-12/05/94	0	3	
NACC0040	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	0	3	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0060	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	0	4	
NACC0062	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	0	4	
NACC0010	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/81-08/25/81	0	2	
NACC0010	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	2	6	
NACC0107	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	2	4	
NACC0010	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/25/81-07/25/81	0	1	
NACC0010	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	2	8	
NACC0107	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	2	4	
NACC0002	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	4	48	
NACC0004	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	2	32	
NACC0011	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	2	32	
NACC0076	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	7	45	
NACC0002	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	23	117	S
NACC0004	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	2	32	
NACC0011	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	2	32	
NACC0076	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	7	45	
NACC0094	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/30/95-06/30/95	0	1	
NACC0099	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	1	32	
NACC0100	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/96-07/27/96	0	1	
NACC0107	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	0	1	
NACC0108	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	1	36	
NACC0109	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	1	35	
NACC0110	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	1	34	
NACC0111	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	1	34	
NACC0112	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	1	34	
NACC0072	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	0	2	
NACC0072	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	0	2	
NACC0071	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	08/29/84-08/29/84	0	1	
NACC0081	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	12/17/86-12/17/86	0	1	
NACC0010	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	1	13	
NACC0072	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	10/21/80-06/30/81	0	5	
NACC0107	No	70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-07/08/81	0	5	
NACC0010	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/30/80-08/26/81	1	28	
NACC0072	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	03/04/81-03/04/81	0	1	
NACC0107	No	70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	1	28	
NACC0103	No	71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	06/06/67-06/06/67	0	1	
NACC0103	No	71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	06/06/67-06/06/67	0	1	
NACC0103	No	71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/08/66-06/06/67	0	3	
NACC0103	No	71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	06/06/67-06/06/67	0	1	
NACC0103	No	71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	06/06/67-06/06/67	0	1	
NACC0010	No	71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	0	22	
NACC0107	No	71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	0	19	
NACC0010	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	0	22	
NACC0107	No	71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	0	19	
NACC0010	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	1	9	
NACC0036	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	1	51	
NACC0072	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/21/80-02/04/81	0	3	
NACC0107	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	07/23/80-10/02/80	0	4	
NACC0010	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-08/26/81	2	58	
NACC0049	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/79-05/24/79	0	18	
NACC0052	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/79-07/26/79	0	15	
NACC0066	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-08/26/81	0	4	
NACC0072	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/21/80-09/22/81	0	13	
NACC0107	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/09/79-09/04/81	2	44	
NACC0010	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-08/26/81	2	58	
NACC0049	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/79-05/24/79	0	19	
NACC0052	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/79-07/26/79	0	15	
NACC0066	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-08/26/81	0	4	
NACC0072	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/21/80-09/22/81	0	11	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0107	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/79-09/04/81	2	43	
NACC0010	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-08/26/81	2	58	
NACC0049	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/22/79-05/24/79	0	19	
NACC0052	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/26/79-07/26/79	0	15	
NACC0066	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/09/81-08/26/81	0	4	
NACC0072	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/21/80-09/22/81	0	11	
NACC0107	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/09/79-09/04/81	2	44	
NACC0005	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
NACC0007	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	0	7	
NACC0010	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	0	1	
NACC0038	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
NACC0040	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/30/70-12/15/70	0	4	
NACC0052	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	0	6	
NACC0060	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/70-12/15/70	0	5	
NACC0068	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
NACC0074	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
NACC0085	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
NACC0097	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	0	3	
NACC0102	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
NACC0104	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0107	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-08/24/79	0	1	
NACC0123	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	0	2	
NACC0132	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/18/71-08/12/71	0	30	
NACC0134	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	0	2	
NACC0138	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	0	2	
NACC0139	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/09/69-11/11/69	0	11	
NACC0146	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0148	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	0	2	
NACC0150	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0153	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0157	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0161	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0164	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	0	2	
NACC0169	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	0	4	
NACC0172	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	0	2	
NACC0175	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	0	32	
NACC0186	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	0	32	
NACC0049	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	0	1	
NACC0107	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	0	1	
NACC0038	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
NACC0074	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
NACC0102	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	44	
NACC0134	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	10	
NACC0158	No	71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	0	12	
NACC0002	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	18	14	
NACC0004	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
NACC0009	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/06/78-09/06/78	0	1	
NACC0011	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	2	10	
NACC0030	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11	31	
NACC0032	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-01/10/95	11	30	
NACC0073	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/10/95	11	30	
NACC0076	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/21/72-06/28/77	5	7	
NACC0078	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11	29	
NACC0101	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-01/23/95	9	20	
NACC0125	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-07/18/94	10	14	
NACC0136	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11	30	
NACC0171	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11	28	
NACC0176	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	10	21	
NACC0177	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-07/18/94	10	23	
NACC0179	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	10	24	
NACC0002	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-06/09/92	11	4	
NACC0071	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	08/29/84-08/29/84	0	1	
NACC0081	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	12/17/86-12/17/86	0	1	
NACC0002	No	75045	HEPTACHLOR EPOXIDE SEDIMENT,DRY,WT,UG/KG	06/09/92-06/09/92	0	1	
NACC0071	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	6	2	
NACC0071	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0081	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/09/92-06/09/92	0	1	
NACC0010	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/24/79-09/28/83	4	53	
NACC0052	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/26/79-07/26/79	0	15	
NACC0072	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/21/80-09/22/81	0	13	
NACC0107	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/09/79-09/28/83	4	43	
NACC0127	No	81280	NONPURGEABLE ORGANIC CARBON MG/L	02/13/75-02/13/75	0	1	
NACC0071	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/29/84-08/29/84	0	1	
NACC0081	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	12/17/86-12/17/86	0	1	
NACC0071	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	08/29/84-08/29/84	0	1	
NACC0081	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12/17/86-12/17/86	0	1	
NACC0071	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	12/17/86-12/17/86	0	1	
NACC0002	No	82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	0	1	
NACC0010	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	0	2	
NACC0107	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	0	2	
NACC0002	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	2	24	
NACC0057	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	11/23/92-11/23/92	0	1	
NACC0030	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	14	250	
NACC0032	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	13	157	
NACC0045	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/23/84-01/23/84	0	1	
NACC0048	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/07/91-10/07/91	0	1	
NACC0051	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	13	141	
NACC0055	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/16/83-11/16/83	0	1	
NACC0065	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/01/91-10/01/91	0	1	
NACC0067	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/11/97-03/11/97	0	1	
NACC0073	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	13	153	
NACC0078	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	14	248	
NACC0101	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	141	
NACC0106	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/16/83	0	2	
NACC0125	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-10/23/95	12	93	
NACC0136	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	14	249	
NACC0147	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/15/90-10/15/90	0	1	
NACC0156	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/13/83	0	3	
NACC0171	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	14	152	
NACC0176	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	12	115	
NACC0177	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	12	121	
NACC0179	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	13	145	
NACC0181	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-04/05/88	4	5	
NACC0010	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	2	51	
NACC0052	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	0	51	
NACC0066	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	0	1	
NACC0072	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	1	16	
NACC0107	No	82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	2	59	
NACC0010	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	2	70	
NACC0052	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	0	52	
NACC0066	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	0	1	
NACC0072	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	1	15	
NACC0107	No	82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	2	69	
NACC0010	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/20/79-08/26/81	2	70	
NACC0052	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	07/26/79-07/26/79	0	53	
NACC0066	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/26/81-08/26/81	0	1	
NACC0072	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	06/27/80-09/22/81	1	15	
NACC0107	No	82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/09/79-08/26/81	2	69	
NACC0010	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/20/79-08/26/81	2	48	
NACC0052	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	07/26/79-07/26/79	0	52	
NACC0072	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/21/80-09/22/81	0	13	
NACC0107	No	82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/09/79-08/26/81	2	66	
NACC0010	No	82398	SAMPLING METHOD (CODES)	08/20/79-08/26/81	2	37	
NACC0066	No	82398	SAMPLING METHOD (CODES)	07/09/81-08/26/81	0	4	
NACC0072	No	82398	SAMPLING METHOD (CODES)	10/21/80-09/22/81	0	12	
NACC0107	No	82398	SAMPLING METHOD (CODES)	08/24/79-08/26/81	2	32	

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

Station/Parameter Period of Record Tabulation
From 07/01/63 To 08/04/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
NACC0010	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	0	3	
NACC0072	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	10/21/80-12/16/80	0	2	
NACC0107	No	82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-09/15/80	0	1	
NACC0010	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-08/26/81	0	15	
NACC0072	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	10/21/80-09/22/81	0	10	
NACC0107	No	82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	1	8	
NACC0010	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-08/26/81	0	15	
NACC0072	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	10/21/80-09/22/81	0	10	
NACC0107	No	82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	1	8	
NACC0010	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/31/83-09/28/83	0	2	
NACC0052	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/26/79-03/26/79	0	1	
NACC0066	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/26/81-08/26/81	0	1	
NACC0010	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/31/83-09/28/83	0	2	
NACC0052	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/26/79-03/26/79	0	1	
NACC0066	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/26/81-08/26/81	0	1	
NACC0071	No	84007	ANATOMY ALPHA CODE	08/29/84-08/29/84	0	1	
NACC0081	No	84007	ANATOMY ALPHA CODE	12/17/86-12/17/86	0	1	
NACC0010	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	0	5	
NACC0072	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	0	3	
NACC0107	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/08/81-07/08/81	0	1	
NACC0128	No	85506	BETA COUNT IN MEDIA OTHER THAN WATER (PC/L)	11/06/70-11/06/70	0	1	
NACC0128	No	85507	BETA COUNTING ERROR IN MEDIA OTHER THAN WATER	11/06/70-11/06/70	0	1	
NACC0128	No	85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	5	105	
NACC0128	No	85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	4	35	
NACC0128	No	85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	4	35	
NACC0128	No	85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	4	35	
NACC0128	No	85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	4	35	
NACC0128	No	85538	GAMMA SCAN DATE (YR,MO,DAY)	01/03/69-01/11/74	5	105	
NACC0128	No	85539	DATE OF REPORT (YR,MO,DAY)	01/03/69-01/11/74	5	105	
NACC0071	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	
NACC0071	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	0	1	
NACC0081	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	0	1	

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

Station-By-Station Results

Station Inventory for Station: NACC0001

NPS Station ID: NACC0001
LAT/LON: 38.838337/ -77.027226
Agency: 1113UPBA
Date Created: / /
Location: PO.R. BOLLING AFB NEAR C"9"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 009 /009 /7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010073500.00
RF3 Mile Point: 1.48
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/67-03/10/67	8	4.25	3.875	5.5	2.	1.696	1.302	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	8	2125.	7208.75	34800.	700.	136830041.071	11697.437	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/03/67-03/13/67	8	3.22	3.426	4.542	2.845	0.412	0.642	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2664.704								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	9	790.	1373.333	4600.	100.	2606625.	1614.505	100.	185.	2600.	4600.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/03/67-03/13/67	9	2.898	2.826	3.663	2.	0.349	0.591	2.	2.247	3.389	3.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			669.834								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	8	280.	541.25	1200.	80.	281783.929	530.833	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	03/03/67-03/13/67	8	2.331	2.47	3.079	1.903	0.298	0.546	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			295.26								

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

EPA Water Quality Criteria Analysis for Station: NACC0001

				Total	Exceed	Prop.	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	4	0.50				8	4	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9	7	0.78				9	7	0.78						

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

Station Inventory for Station: NACC0002

NPS Station ID: NACC0002 LAT/LON: 38.841115/ -77.048338 Agency: 21VASWCB Date Created: / /
Location: GEORGE WASHIGTON PARKWAY BRIDGE FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU000.19 /VA1A06-X0039/VA1A3X0039
RMI-Indexes: 0214001 002630 Within Park Boundary: No
RMI-Miles: 0110.62 0000.19
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010027 RF1 Mile Point: 5.270 Distance from RF1: 14.50 On/Off RF1: OFF
RF3 Index: 02070010059800.00 RF3 Mile Point: 0.70 Distance from RF3: 0.01 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 06 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	253	18.	17.898	32.9	0.9	52.217	7.226	8.62	12.3	24.75	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	100	9.4	11.772	53.	2.1	82.395	9.077	3.21	5.05	15.225	24.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/16/94-08/04/98	44	7.	9.166	47.	2.2	52.118	7.219	4.2	5.275	10.7	15.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/18/75-04/18/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/82-09/23/85	19	1.	4.427	24.	0.1	69.035	8.309	0.4	0.5	2.	24.
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/91-01/05/93	23	36.	57.217	378.	17.	5282.451	72.68	23.	29.	52.	90.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	179	518.	528.626	1987.	55.	47710.797	218.428	318.	414.	609.	687.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	98	549.	545.684	1457.	214.	32576.095	180.488	357.6	456.5	609.25	680.2
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/09/94-02/07/95	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	73	7.5	7.586	11.1	4.1	2.049	1.431	5.7	6.6	8.55	9.42
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	172	7.8	8.003	14.5	4.4	3.203	1.79	5.7	6.825	9.275	10.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	250	5.	6.411	108.	0.	69.102	8.313	1.03	2.625	8.	13.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	199	18.	21.62	335.	0.	598.727	24.469	11.	14.	24.	34.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	242	7.25	7.226	9.8	1.5	0.409	0.639	6.7	6.9	7.5	7.8
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	242	7.247	3.883	9.8	1.5	11.627	3.41	6.7	6.9	7.5	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	242	0.057	130.773	31622.777	0.	4132204.982	2032.783	0.016	0.032	0.126	0.2
00403p	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	173	7.4	7.386	8.3	6.3	0.159	0.399	6.8	7.1	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	173	7.4	7.203	8.3	6.3	0.193	0.439	6.8	7.1	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	173	0.04	0.063	0.501	0.005	0.005	0.068	0.013	0.02	0.079	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	172	75.5	78.61	177.	26.	804.777	28.369	41.	57.25	95.	118.4
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	154	325.	330.253	876.	101.	9926.373	99.631	231.5	276.5	366.25	421.
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	154	69.5	82.851	900.	23.	6766.533	82.259	42.	54.75	87.	116.
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	154	247.5	252.737	747.	0.5	7370.533	85.852	172.	207.5	280.	320.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	253	12.	24.462	600.	1.5	2749.002	52.431	5.	8.	23.	44.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	253	4.	7.318	220.	0.	269.062	16.403	1.5	2.	7.	14.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	253	8.	17.524	500.	0.	1652.837	40.655	2.5	5.	15.	32.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	249	4.5	5.477	17.6	0.02	21.572	4.645	0.33	1.35	8.5	12.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	252	0.12	0.24	3.299	0.005	0.157	0.397	0.02	0.06	0.238	0.535
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	224	2.01	2.78	14.8	0.1	5.475	2.34	0.49	1.085	4.015	5.85
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	248	6.	7.136	21.6	0.6	28.698	5.357	1.2	2.1	11.375	15.509
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/76-06/11/79	26	0.8	1.282	6.5	0.13	1.815	1.347	0.357	0.515	1.525	3.06
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	204	0.1	0.438	3.9	0.04	0.549	0.741	0.05	0.1	0.3	1.45
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	135	0.11	0.501	3.	0.005	0.561	0.749	0.02	0.03	0.6	1.74

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

Parameter Inventory for Station: NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	228	8.	10.425	143.	0.2	113.654	10.661	4.9	5.9	13.	17.1
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	118	138.	132.297	200.	22.	1185.39	34.429	83.8	108.5	160.5	176.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/93-03/10/93	1	6630.	6630.	6630.	6630.	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	168	68.	72.435	486.	7.	3525.505	59.376	32.	45.25	81.75	101.1
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	106	45.5	46.028	74.	19.	129.704	11.389	31.4	37.	53.	63.
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	46	0.545	0.527	0.98	0.05	0.059	0.242	0.207	0.325	0.75	0.826
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	85	8.2	7.953	13.2	1.1	6.728	2.594	4.26	5.95	10.2	11.2
01002	ARSENIC, TOTAL (UG/L AS AS)	10/27/75-03/10/93	14 ##	1.	2.179	5.	1.	3.446	1.856	1.	1.	5.	5.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/23/80-06/09/92	3	3.4	4.467	8.3	1.7	11.743	3.427	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	10/03/88-03/10/93	4 ##	3.75	3.75	5.	2.5	2.083	1.443	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	06/06/83-06/09/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/15/75-03/10/93	15 ##	5.	4.3	5.	0.5	1.886	1.373	1.7	4.	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	3 ##	0.15	0.188	0.33	0.085	0.016	0.127	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	3	26.9	25.1	27.4	21.	12.67	3.559	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/12/74-03/10/93	15 ##	5.	57.833	780.	0.5	39932.774	199.832	1.4	5.	10.	324.
01042	COPPER, TOTAL (UG/L AS CU)	12/12/74-03/10/93	16 ##	7.5	15.	60.	5.	280.	16.733	5.	5.	20.	53.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/23/80-06/09/92	3	56.8	52.367	59.4	40.9	100.303	10.015	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/27/78-03/10/93	6	695.	930.333	1800.	472.	259352.667	509.267	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/12/74-03/10/93	16	6.	19.844	116.	1.	867.924	29.461	1.7	5.	28.25	71.2
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/23/80-06/09/92	3	150.	144.333	158.	125.	296.333	17.214	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/27/78-03/10/93	8	305.	304.275	420.	180.	5679.919	75.365	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	10/03/88-03/10/93	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/12/74-04/11/79	8 ##	50.	45.	50.	10.	200.	14.142	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/01/79-03/10/93	6 ##	7.5	15.833	50.	5.	314.167	17.725	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/23/80-06/09/92	3	20.8	22.567	26.9	20.	14.243	3.774	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/03/88-10/03/88	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/12/74-03/10/93	14	27.5	57.5	420.	5.	11360.577	106.586	5.	10.	52.5	250.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/23/80-06/09/92	3	149.	149.	162.	136.	169.	13.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/03/88-03/10/93	4 ##	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	06/06/83-06/09/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/07/75-08/17/77	19	430.	5620.	24000.	15.	96120897.222	9804.127	15.	230.	4300.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/07/75-08/17/77	19	2.633	2.808	4.38	1.176	1.114	1.055	1.176	2.362	3.633	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			643.048								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	430.	4237.367	24000.	1.5	55828550.775	7471.851	9.6	41.25	4600.	22700.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/14/82-06/10/85	30	2.633	2.6	4.38	0.176	1.524	1.234	0.976	1.614	3.663	4.346
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			398.108								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	218	200.	1408.165	24000.	1.5	11065198.959	3326.439	15.	50.	1100.	4200.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	218	2.301	2.287	4.38	0.176	0.91	0.954	1.176	1.699	3.041	3.623
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			193.715								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-07/15/97	60	14.24	25.142	298.14	0.47	1914.762	43.758	2.392	6.685	28.325	44.198
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-07/15/97	59	6.81	15.076	200.58	0.01	850.892	29.17	0.8	2.67	15.02	31.4
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-06/10/97	58	8.325	16.927	151.49	0.2	716.249	26.763	0.76	1.96	20.708	38.781
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-07/15/97	59	1.3	1.318	1.92	0.8	0.043	0.208	1.07	1.17	1.43	1.6
32240	TANNIN AND LIGNIN (MG/L)	05/12/92-12/08/92	6	0.7	0.633	0.7	0.4	0.015	0.121	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	06/06/83-06/09/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38451	DICHLORPROP WATER,SUSPUG/L	07/14/86-07/14/86	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
38745	2,4-DB WATER, TOTUG/L	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/01/79-07/13/93	5	0.	0.02	0.05	0.	0.001	0.027	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	08/11/86-06/09/92	2 ##	5.003	5.003	10.	0.005	49.95	7.068	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39068	CHLORDANE-NONACHLOR,CIS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39071	CHLORDANE-NONACHLOR,TPANS ISO,WHOLE WTR (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**

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

Parameter Inventory for Station: NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	6	0.003	0.026	0.1	0.	0.002	0.041	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/14/81-06/09/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/11/86-06/09/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	2 ##	50.025	50.025	100.	0.05	4995.001	70.675	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.011	0.05	0.	0.	0.022	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	2 ##	50.025	50.025	100.	0.05	4995.001	70.675	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	5	0.	0.015	0.05	0.	0.001	0.022	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/11/86-06/09/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/11/86-06/09/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/14/86-07/13/93	2 ##	0.15	0.15	0.25	0.05	0.02	0.141	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/01/79-07/13/93	4	0.	0.063	0.25	0.	0.016	0.125	**	**	**	**
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	08/11/86-06/09/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	06/06/83-06/06/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/14/81-04/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/01/79-09/08/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/14/86-07/13/93	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	03/10/93-03/10/93	1	112.	112.	112.	112.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	81	0.3	0.506	2.5	0.	0.273	0.522	0.	0.1	0.85	1.24
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/19/74-06/11/79	48	2.55	2.553	9.	0.05	2.415	1.554	0.76	1.5	3.25	4.41
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	117	0.05	0.914	6.399	0.005	1.73	1.315	0.02	0.02	1.799	3.
71900	MERCURY, TOTAL (UG/L AS HG)	12/12/74-03/10/93	14 ##	0.2	0.354	2.	0.15	0.236	0.486	0.15	0.15	0.288	1.25
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/23/80-06/09/92	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
77825	ALACHLOR WHOLE WATER,UG/L	07/14/86-07/13/93	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
82032	CALCIUM - TOTAL UG/L (AS CA)	03/10/93-03/10/93	1	33810.	33810.	33810.	33810.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/12/92-06/14/94	24	7.8	14.646	152.	2.2	895.247	29.921	2.4	3.95	11.775	24.5

** - 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: NACC0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	100	1	0.01	29	0	0.00	45	0	0.00	26	1	0.04			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	44	0	0.00	13	0	0.00	19	0	0.00	12	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	73	0	0.00	20	0	0.00	32	0	0.00	21	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	172	0	0.00	50	0	0.00	76	0	0.00	46	0	0.00			
00400	PH	Fresh Chronic	9.	242	3	0.01	69	2	0.03	108	1	0.01	65	0	0.00			
		Other-Lo Lim.	6.5	242	11	0.05	69	3	0.04	108	7	0.06	65	1	0.02			
00403	PH, LAB	Fresh Chronic	9.	173	0	0.00	52	0	0.00	72	0	0.00	49	0	0.00			
		Other-Lo Lim.	6.5	173	3	0.02	52	0	0.00	72	2	0.03	49	1	0.02			

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

EPA Water Quality Criteria Analysis for Station: NACC0002

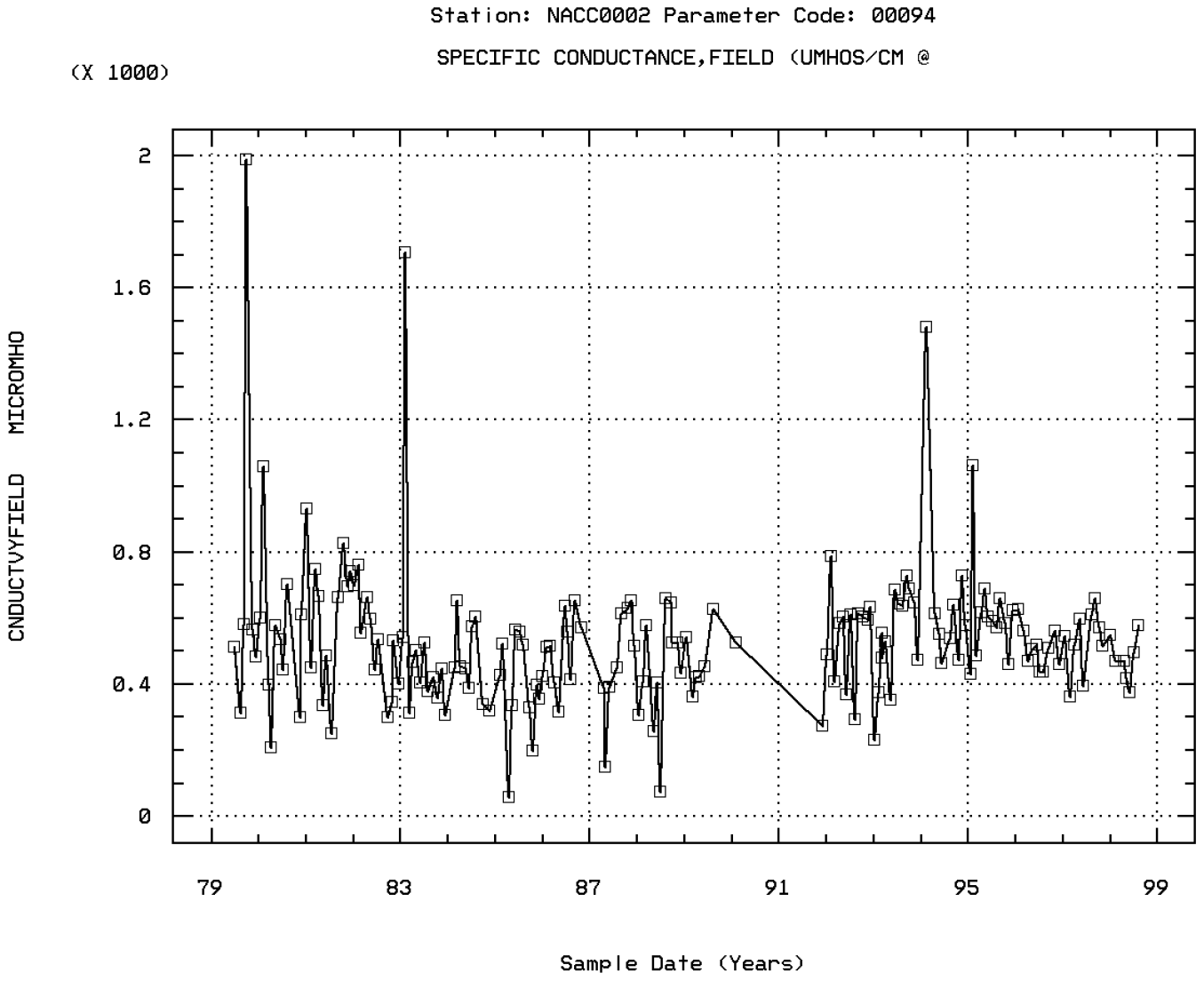
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	252	13	0.05	72	3	0.04	110	6	0.05	70	4	0.06			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	224	2	0.01	67	0	0.00	95	2	0.02	62	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	26	0	0.00	5	0	0.00	14	0	0.00	7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	168	0	0.00	50	0	0.00	71	0	0.00	47	0	0.00			
		Drinking Water	250.	168	3	0.02	50	0	0.00	71	3	0.04	47	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	106	0	0.00	31	0	0.00	46	0	0.00	29	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	46	0	0.00	14	0	0.00	21	0	0.00	11	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	50.	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	2 &	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4 &	1	0.25	3	1	0.33				1	0	0.00			
		Drinking Water	5.	4 &	0	0.00	3	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	1	0.07	5	0	0.00	5	1	0.20	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	5	0.31	5	2	0.40	5	2	0.40	6	1	0.17			
		Drinking Water	1300.	16	0	0.00	5	0	0.00	5	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	1	0.06	5	0	0.00	5	1	0.20	6	0	0.00			
		Drinking Water	15.	16	6	0.38	5	1	0.20	5	2	0.40	6	3	0.50			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00				4	0	0.00	4	0	0.00			
		Drinking Water	100.	8	0	0.00				4	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	14	1	0.07	3	0	0.00	5	1	0.20	6	0	0.00			
		Drinking Water	5000.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	19	6	0.32	7	3	0.43	7	1	0.14	5	2	0.40			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	12	0.40	9	4	0.44	13	5	0.38	8	3	0.38			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	218	110	0.50	61	42	0.69	98	38	0.39	59	30	0.51			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	1.	5	0	0.00	4	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	4	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00	4	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	4	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	6	0	0.00	4	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	4	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00	4	0	0.00				1	0	0.00			
		Drinking Water	2.	5	0	0.00	4	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: NACC0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	81	68	0.84	23	22	0.96	35	28	0.80	23	18	0.78			
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	2.	14	1	0.07	5	0	0.00	4	0	0.00	5	1	0.20			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	24	1	0.04	8	0	0.00	8	1	0.13	8	0	0.00			

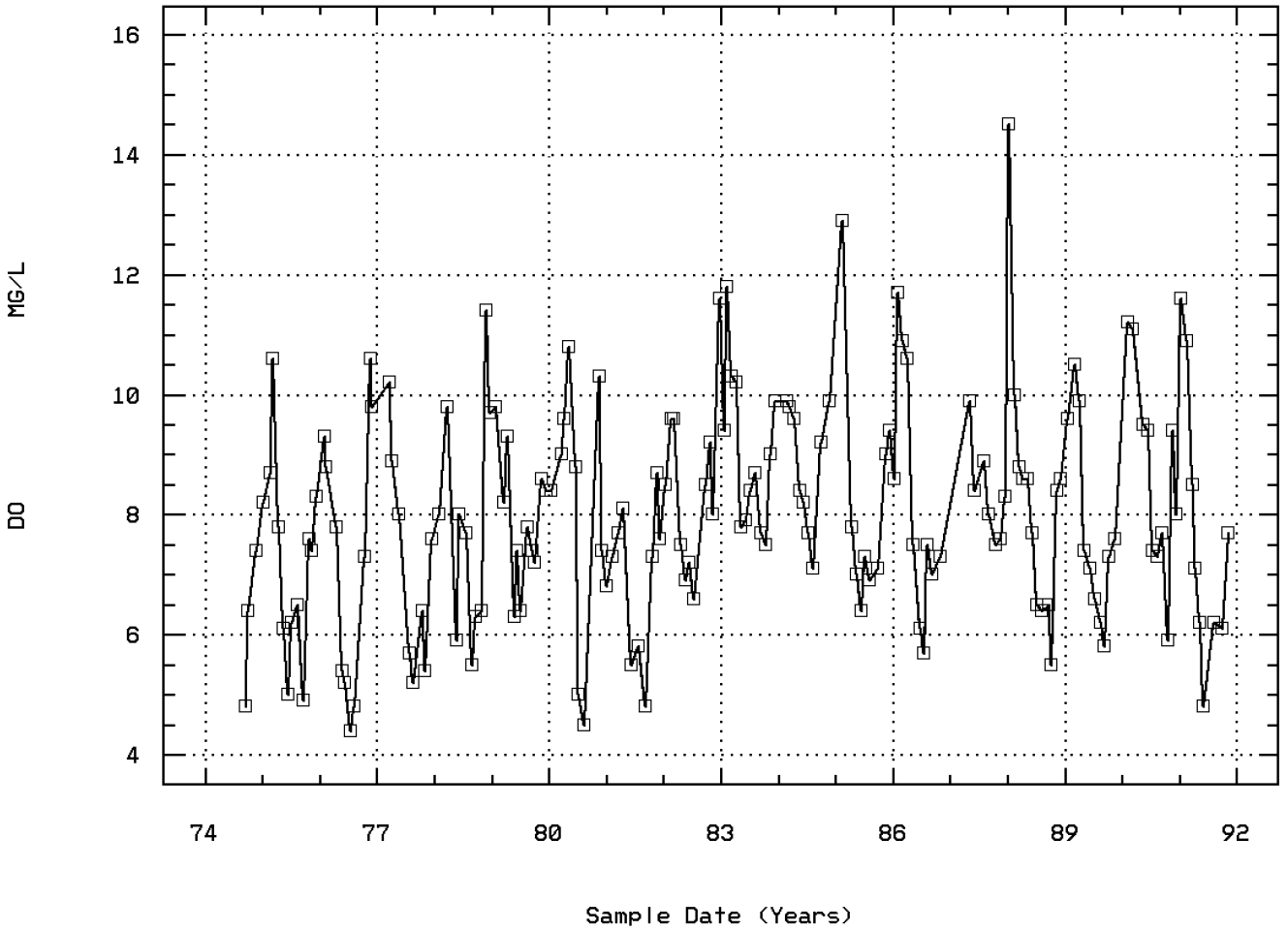
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



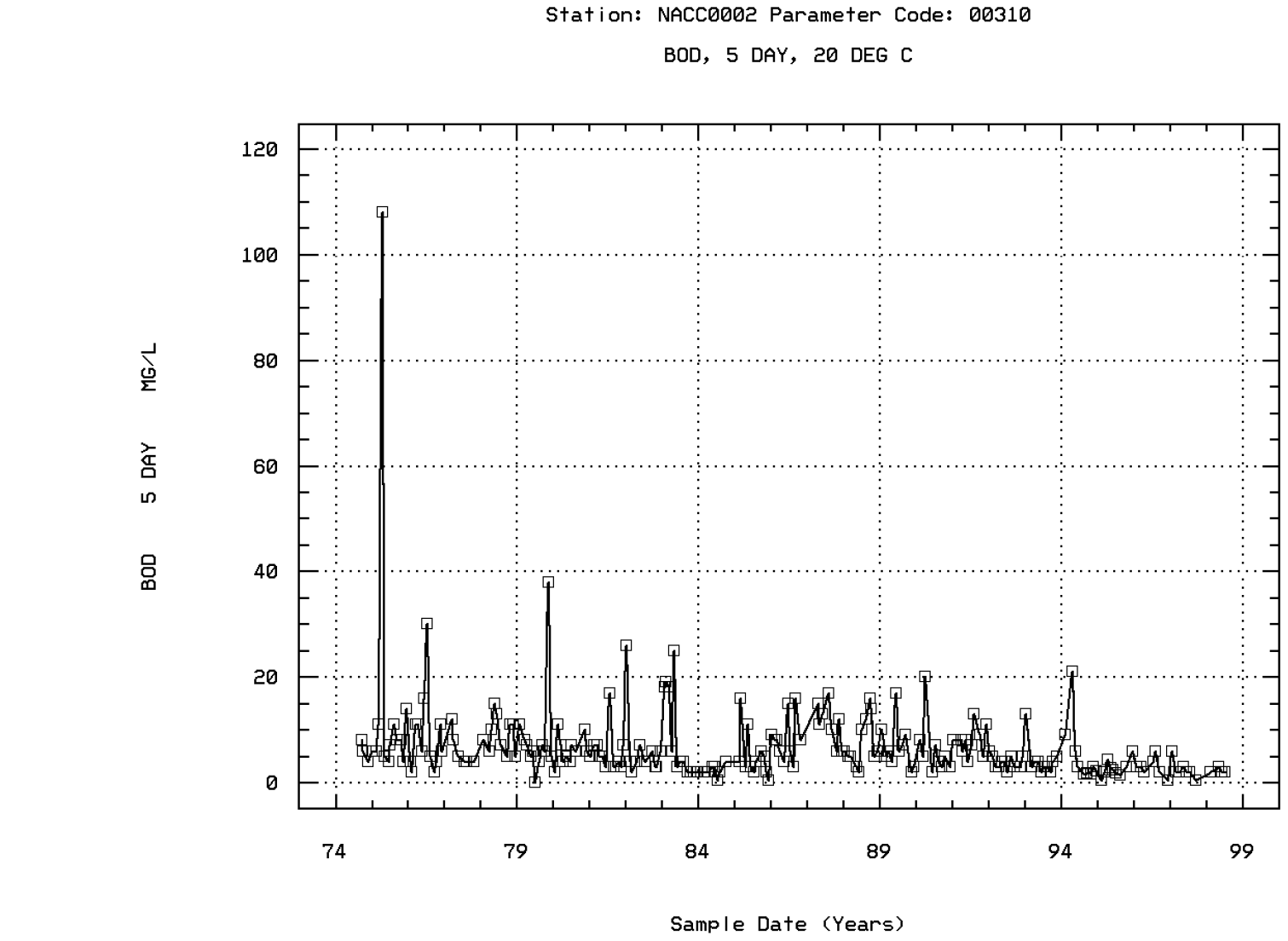
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00300

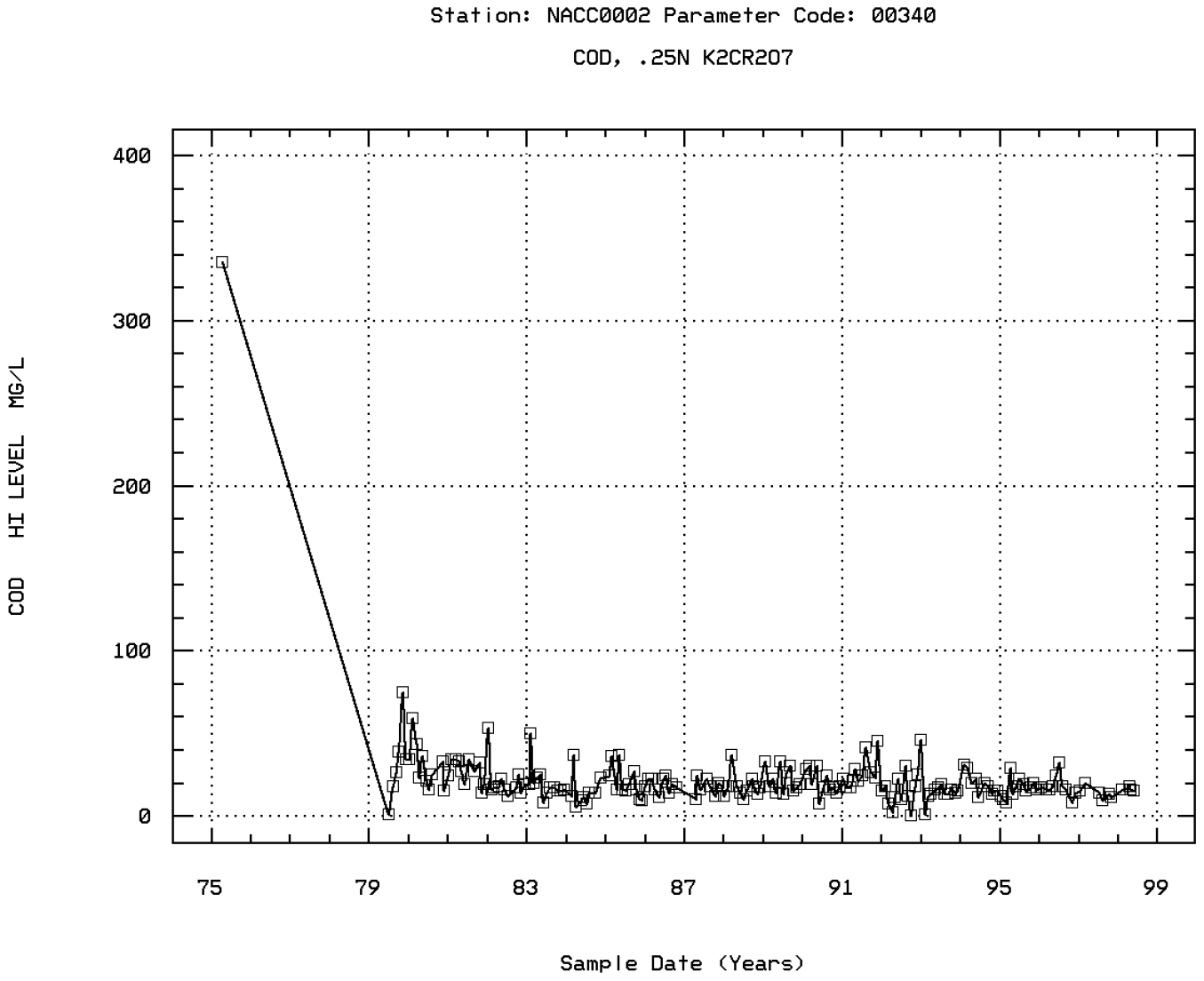
OXYGEN, DISSOLVED



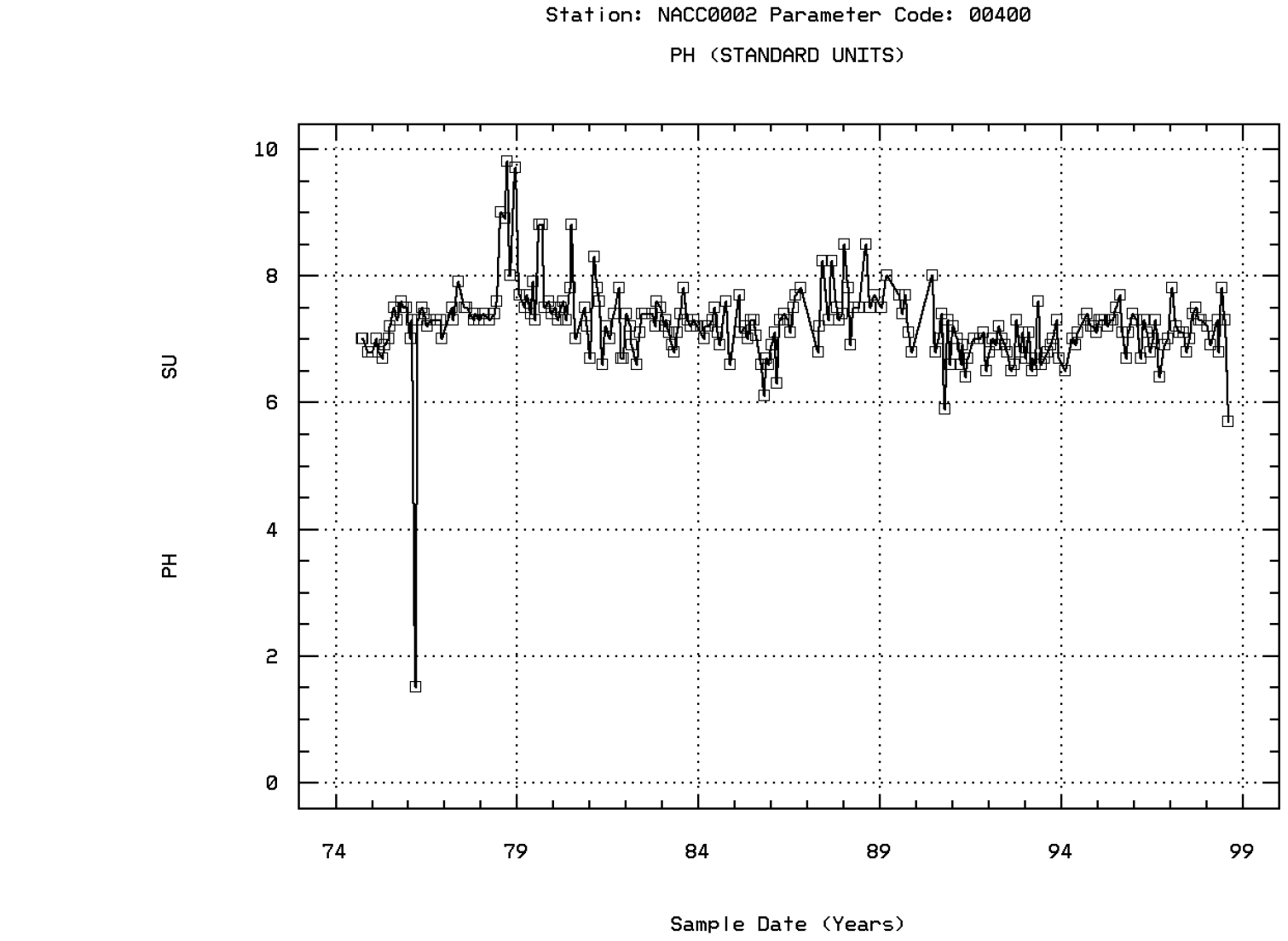
GEORGE WASHIGTON PARKWAY BRIDGE



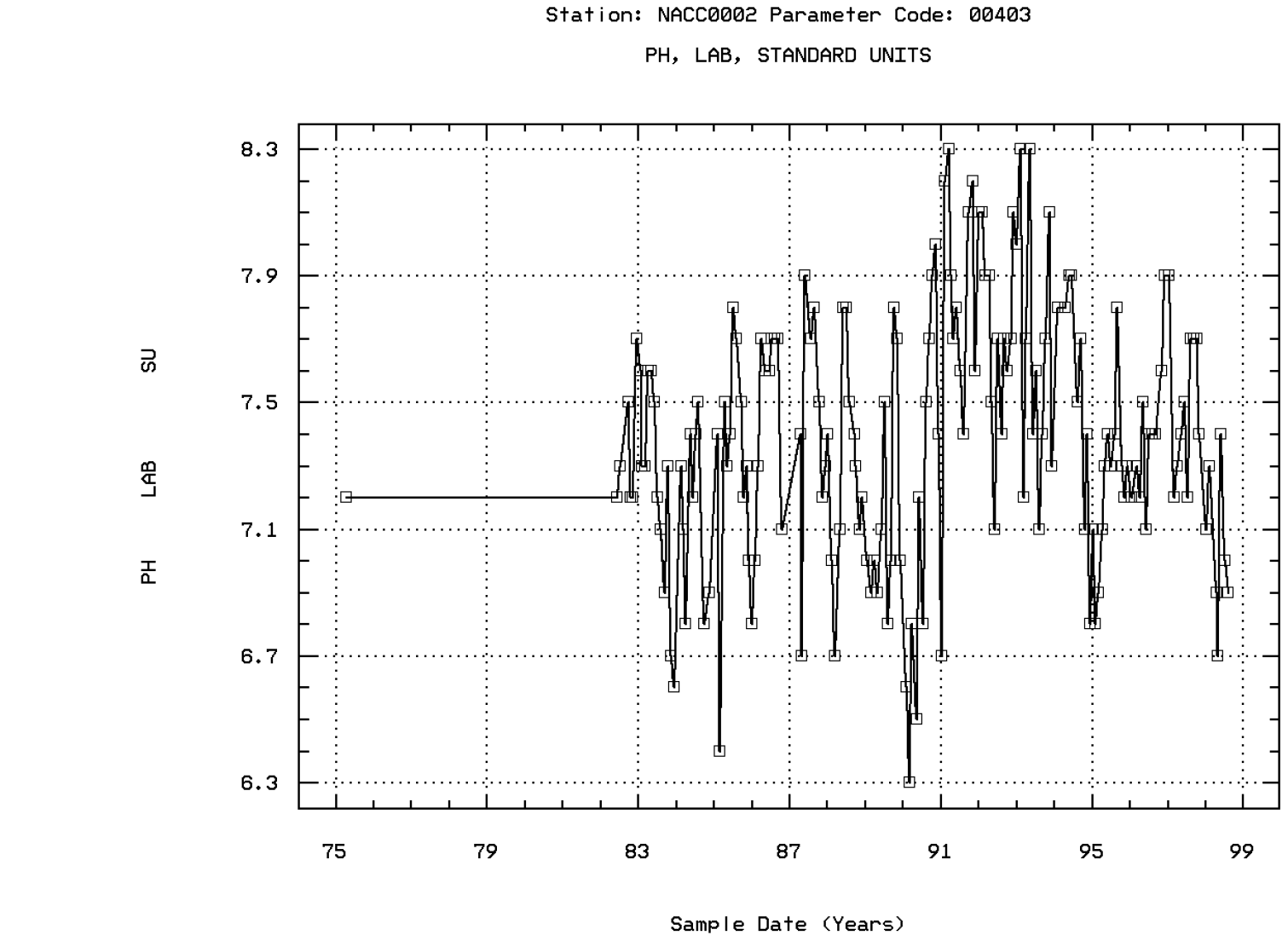
GEORGE WASHIGTON PARKWAY BRIDGE



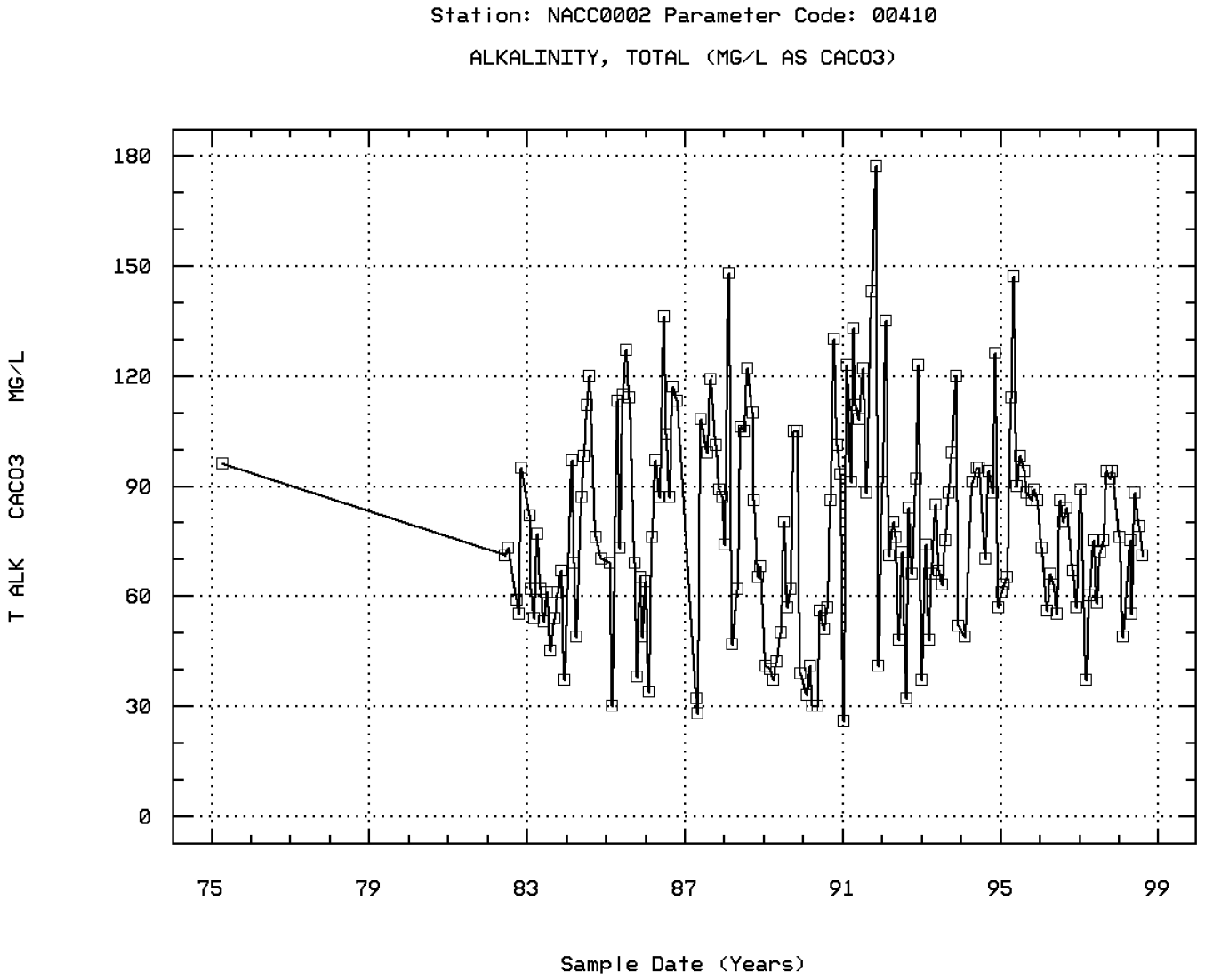
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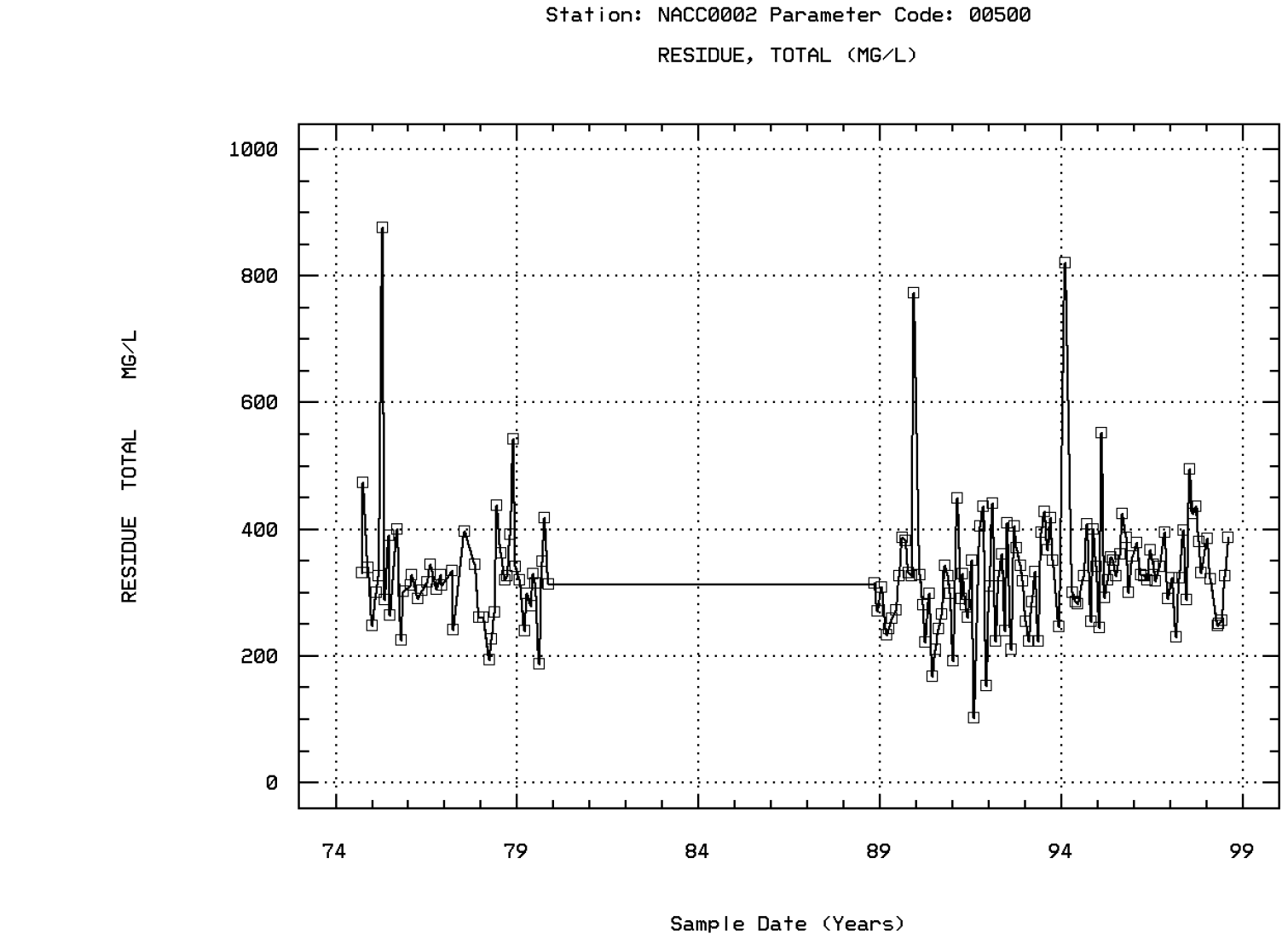
GEORGE WASHIGTON PARKWAY BRIDGE



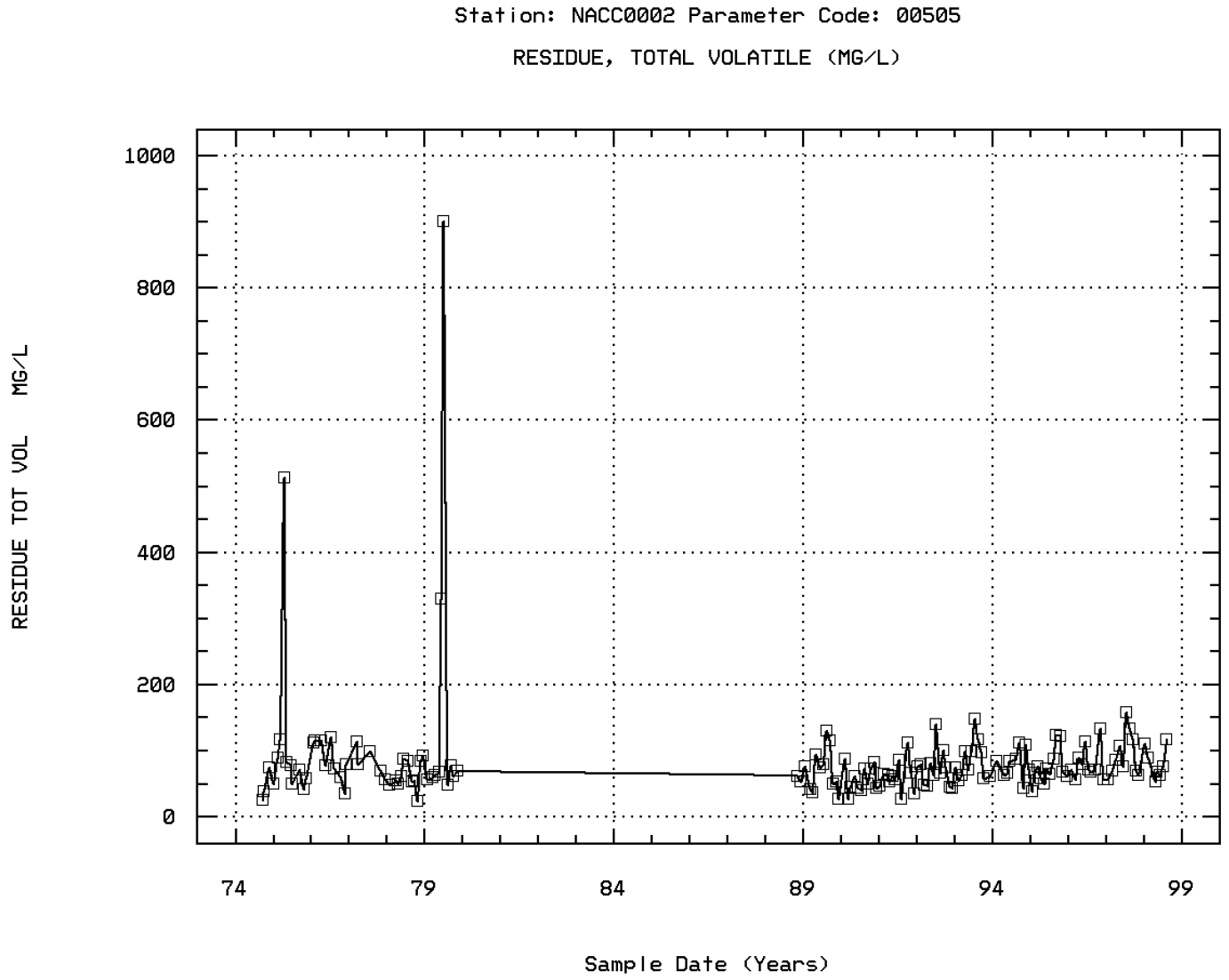
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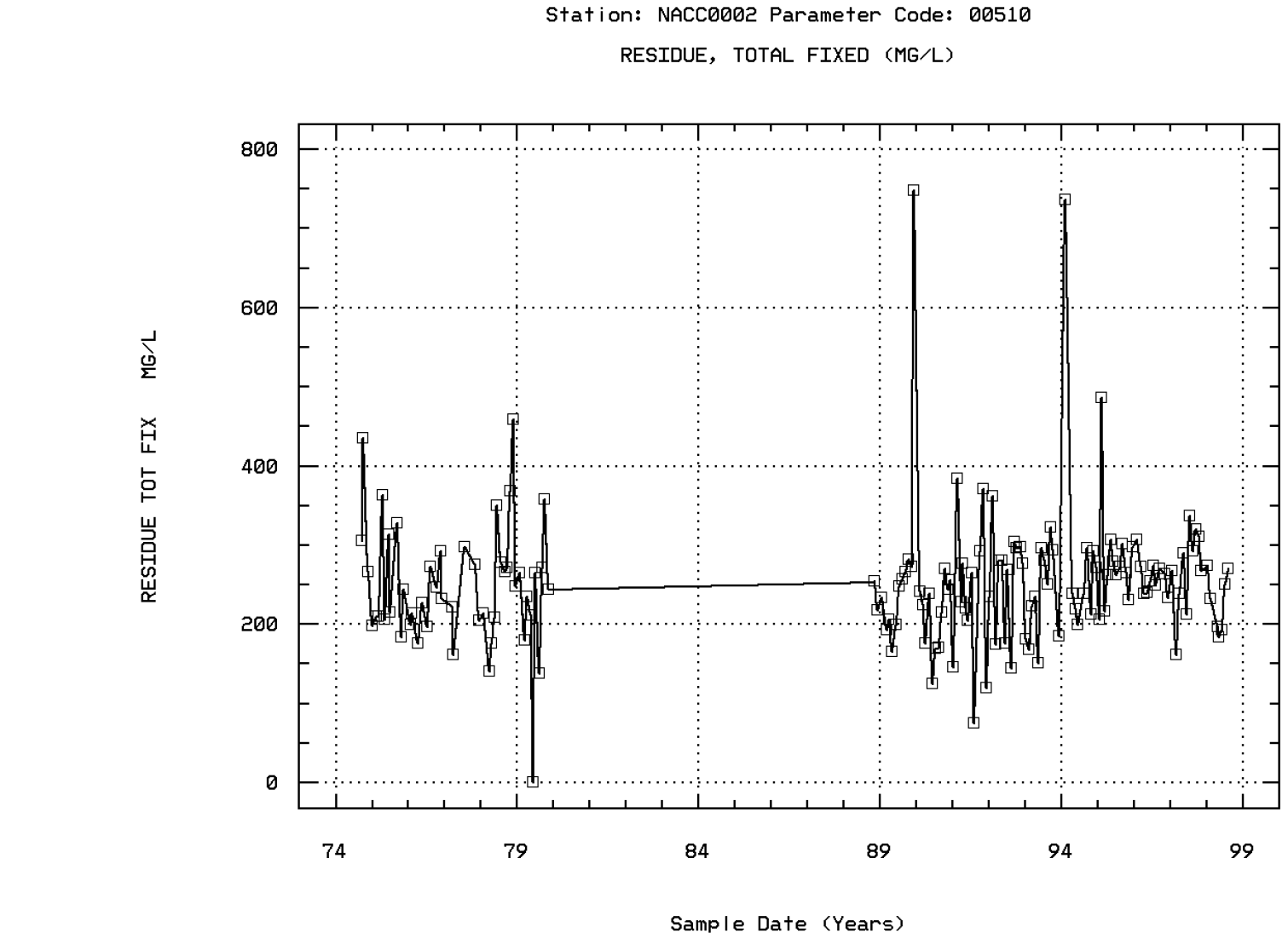
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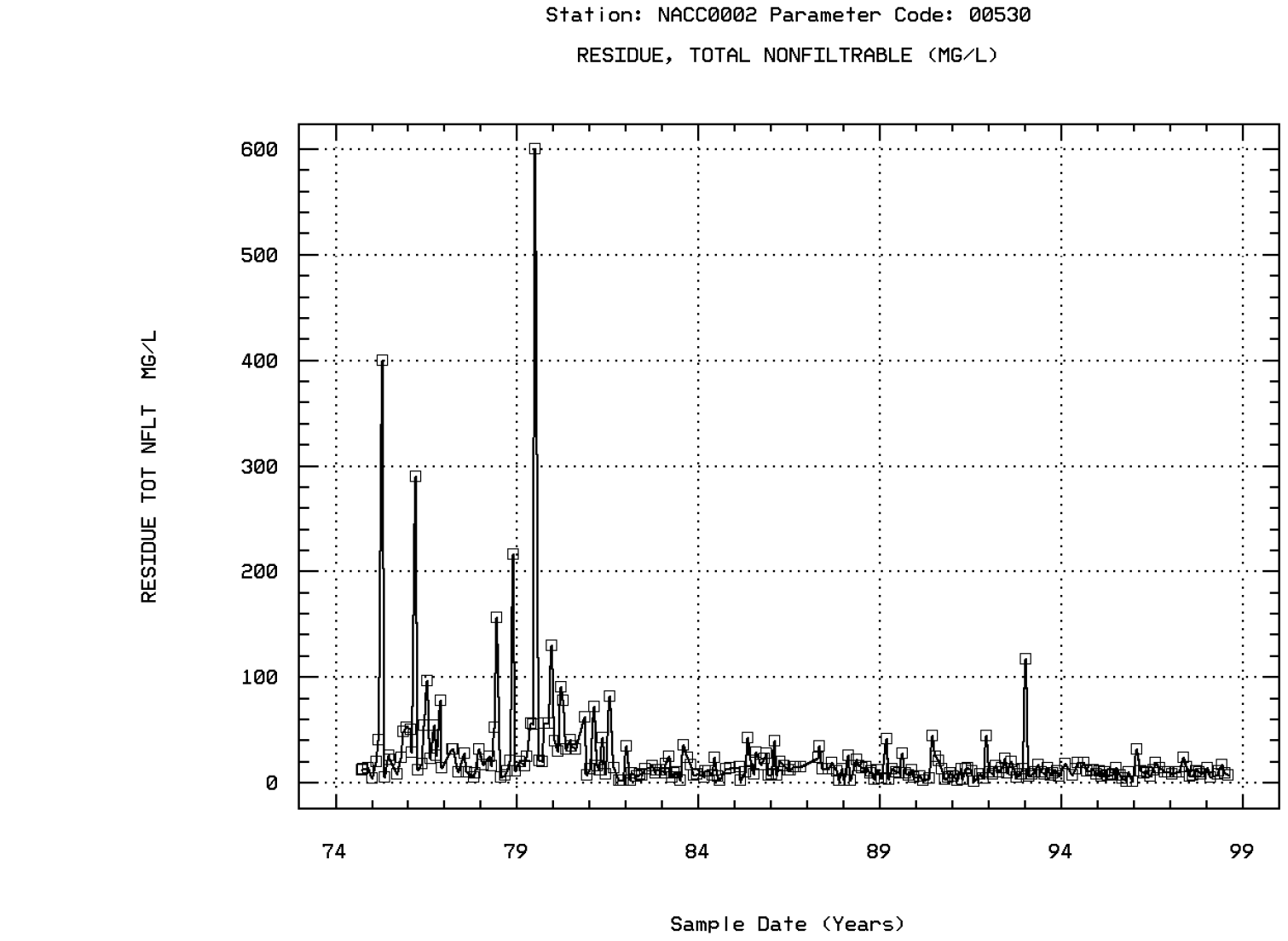
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE



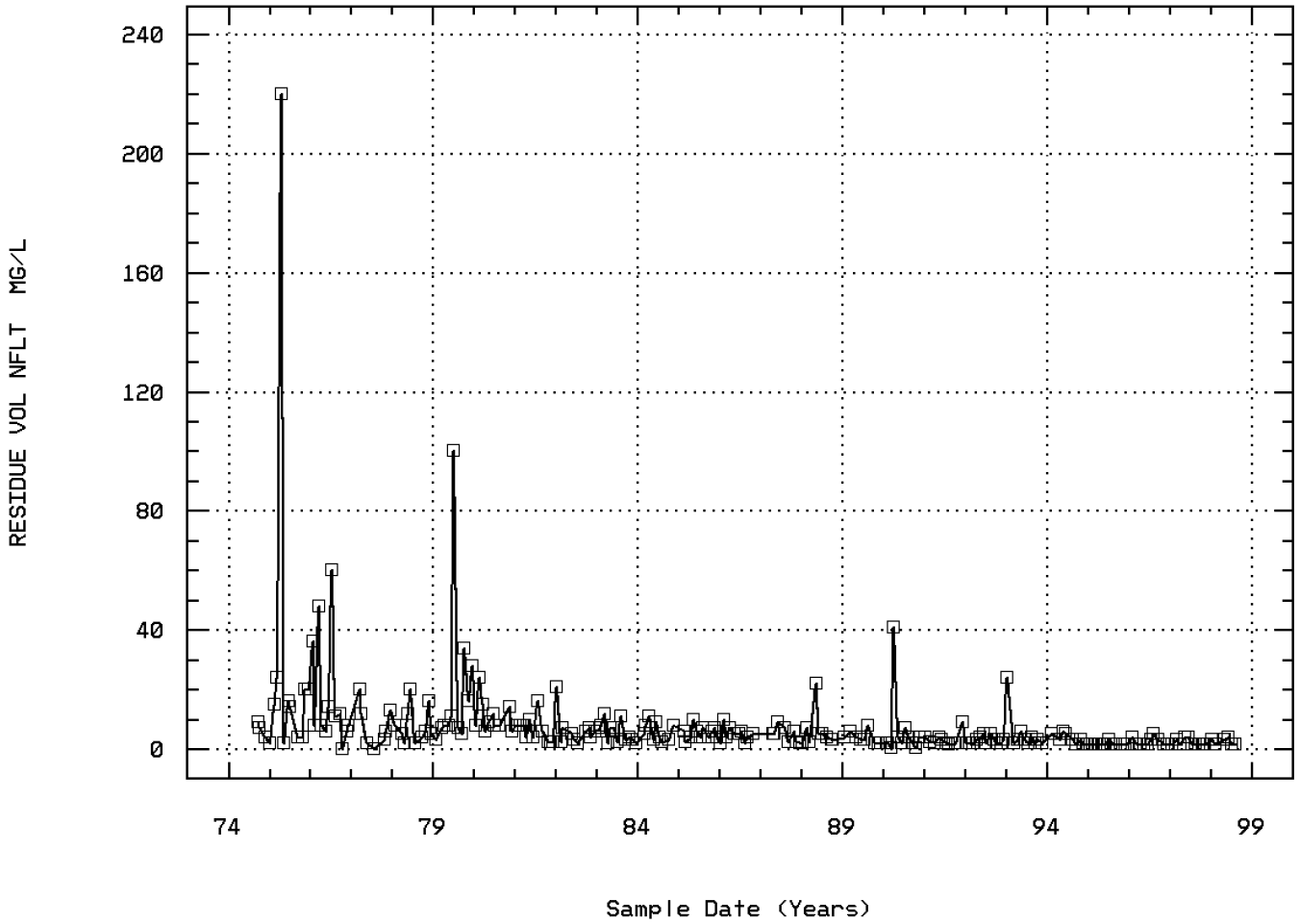
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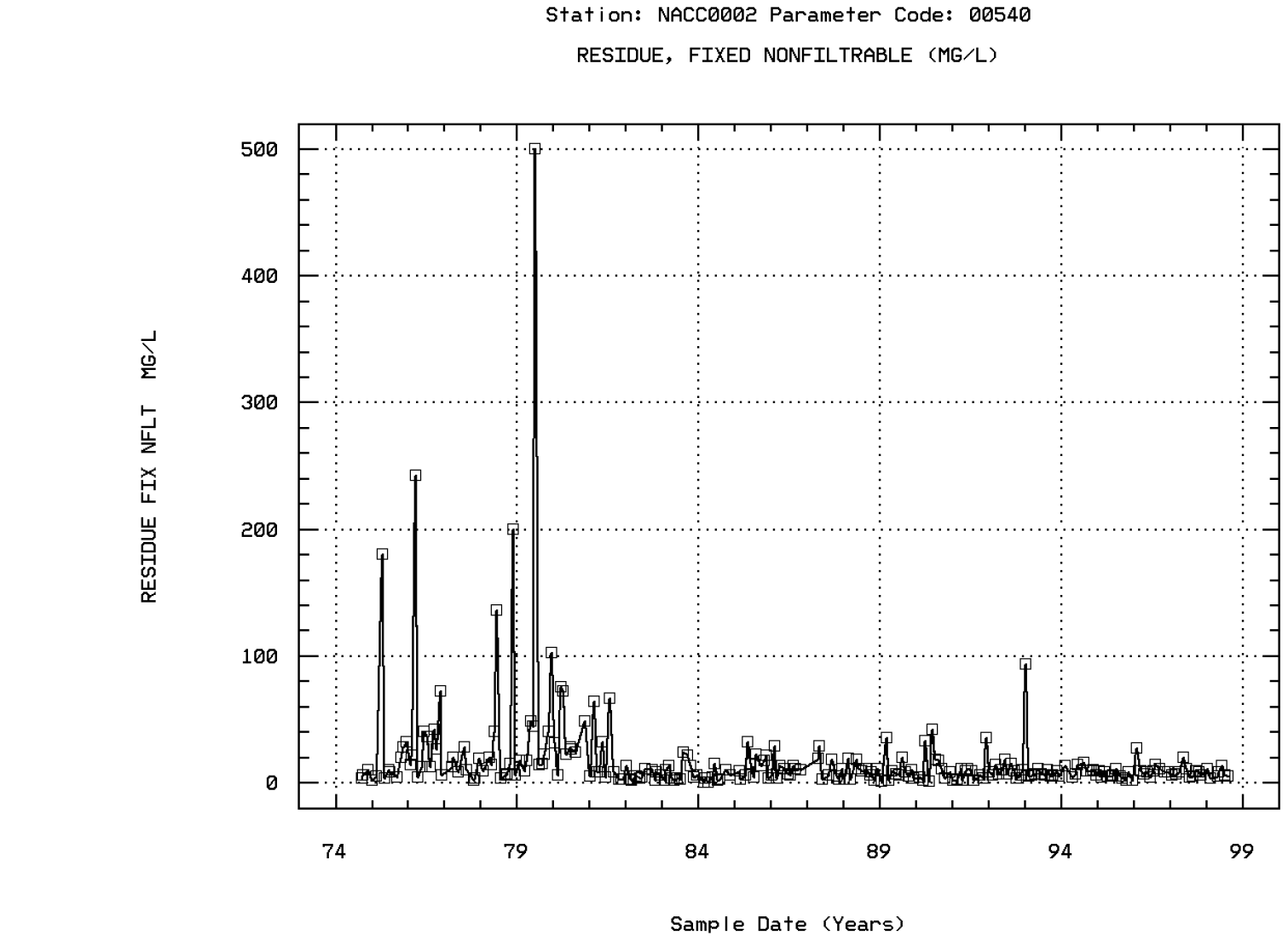
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00535

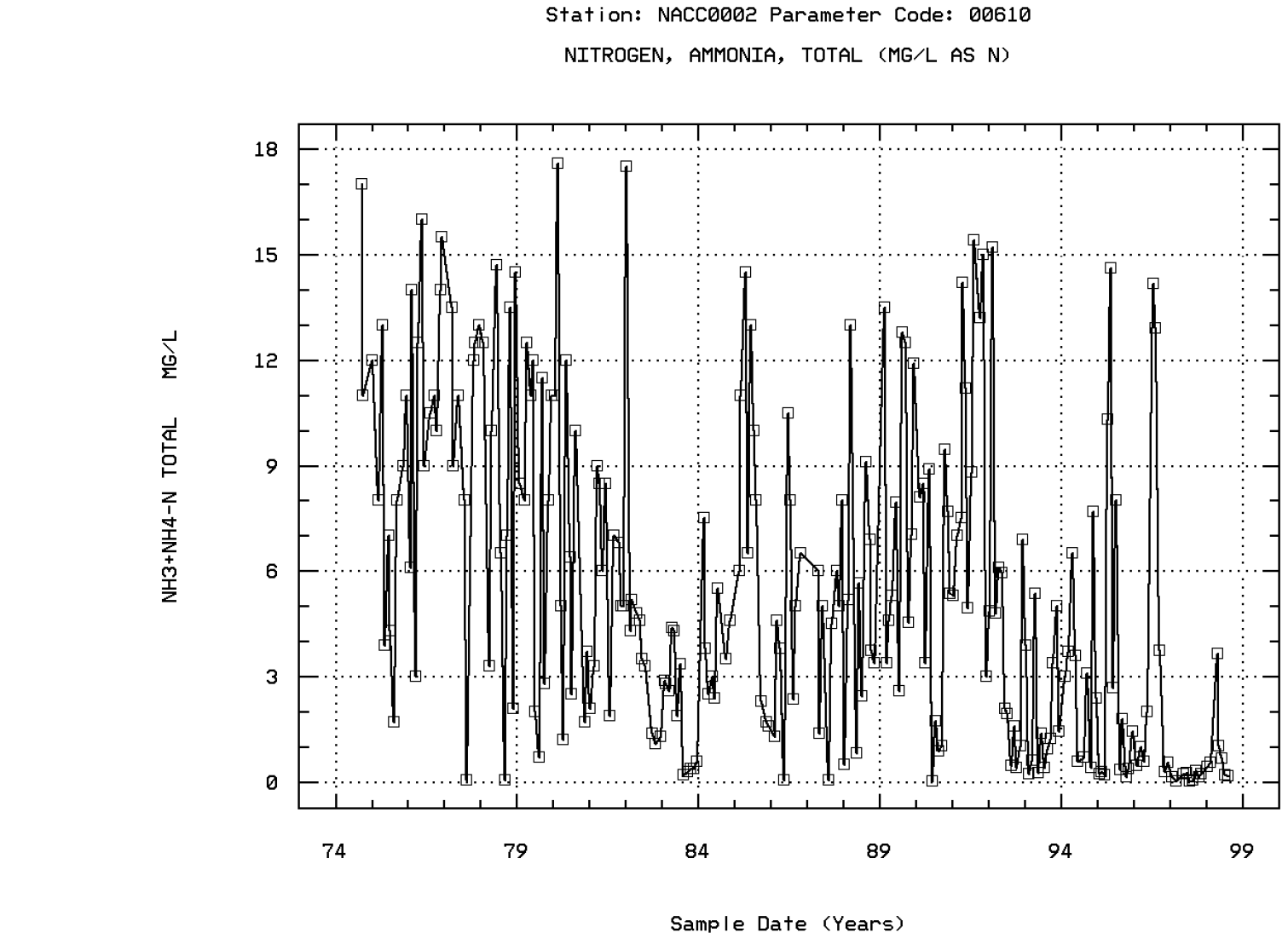
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE



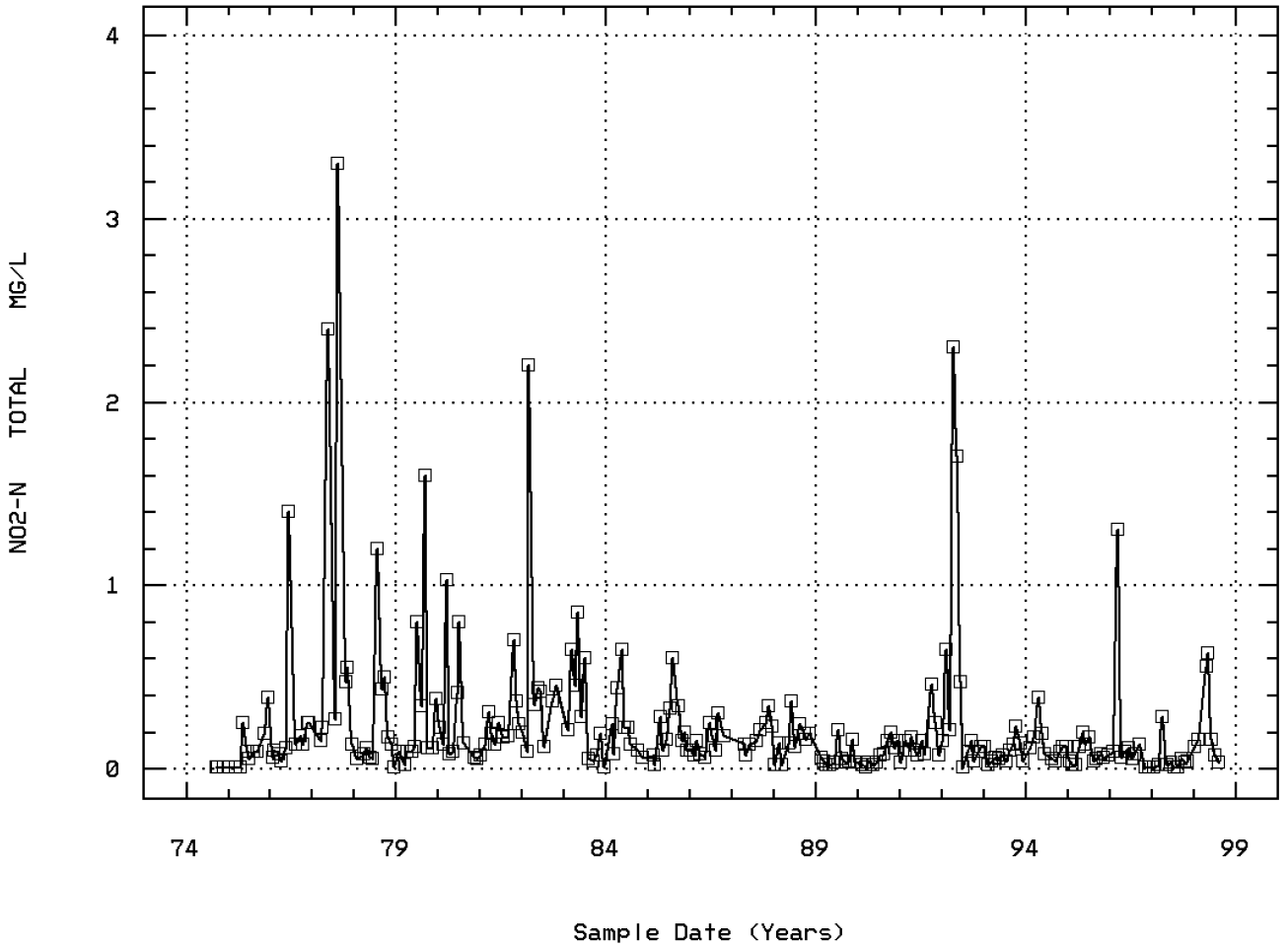
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00615

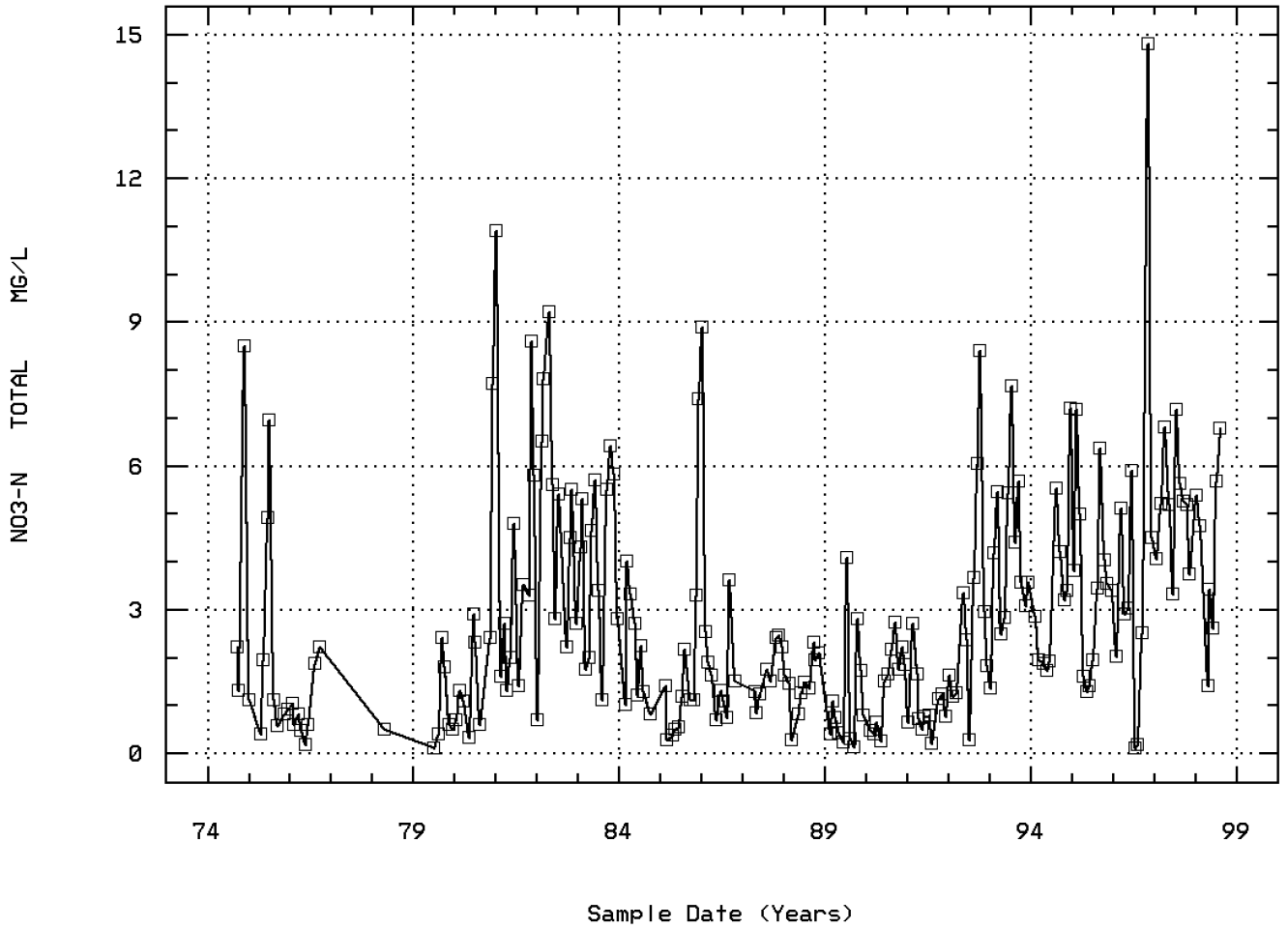
NITRITE NITROGEN, TOTAL (MG/L AS N)



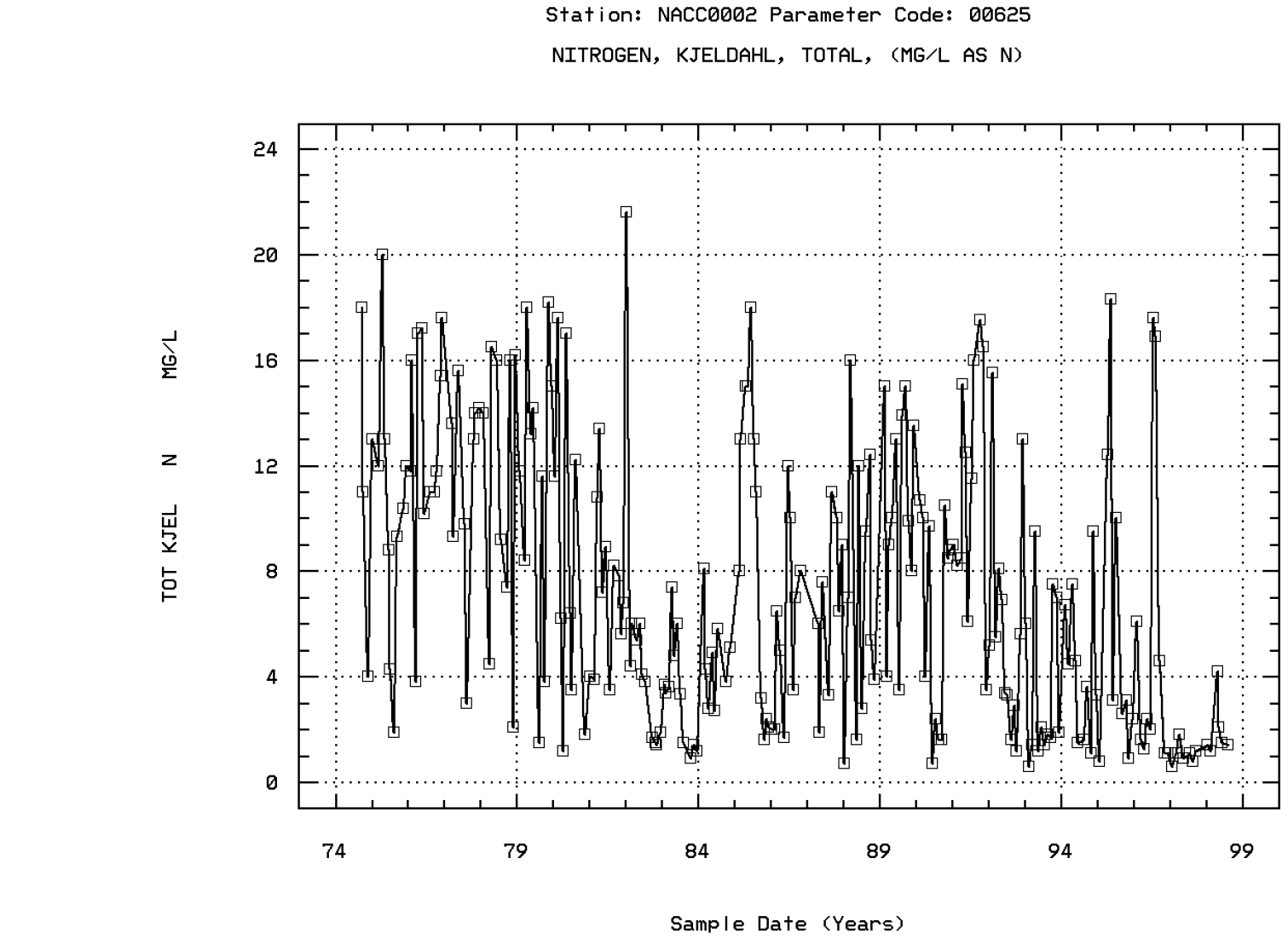
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00620

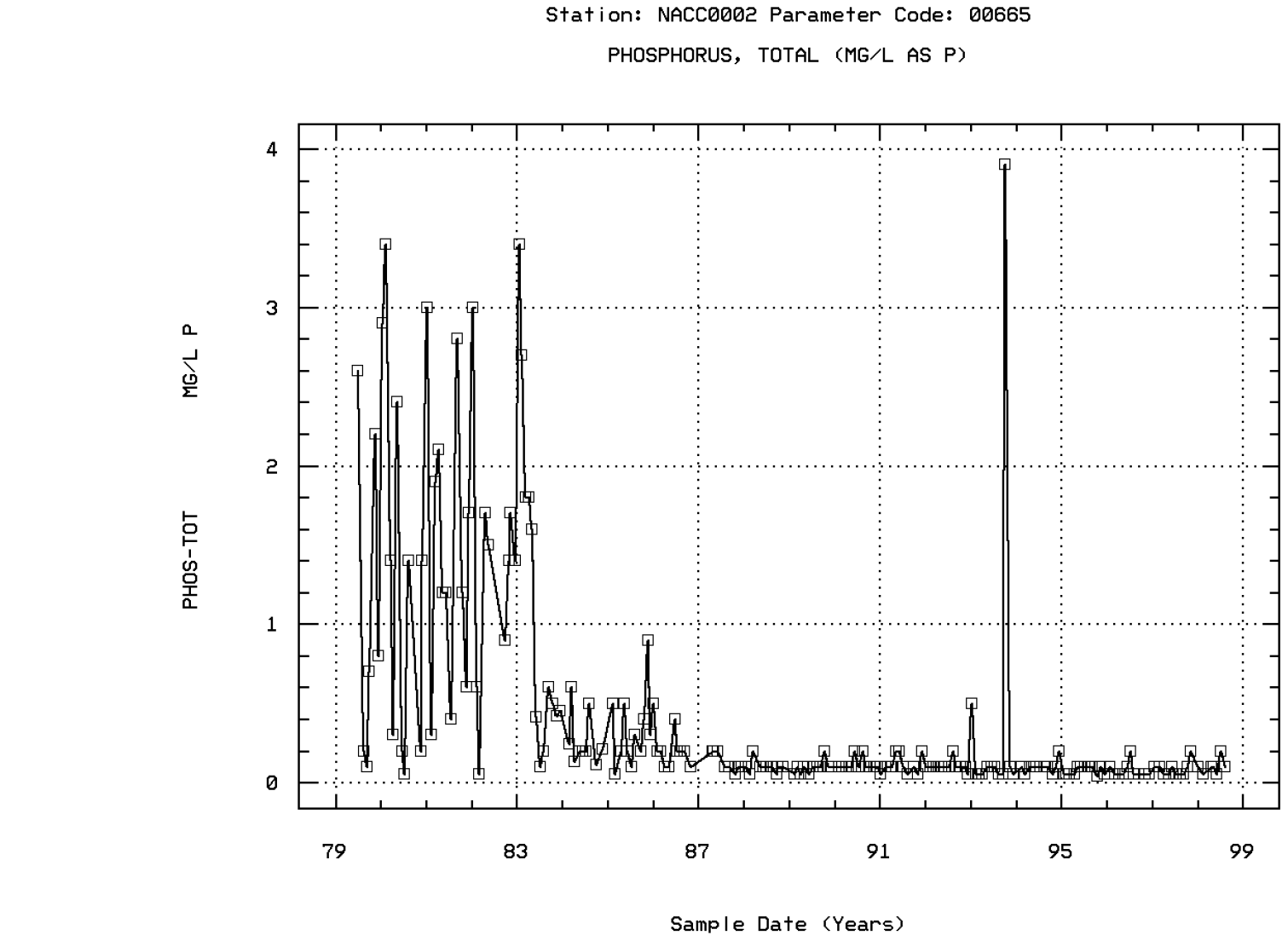
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE



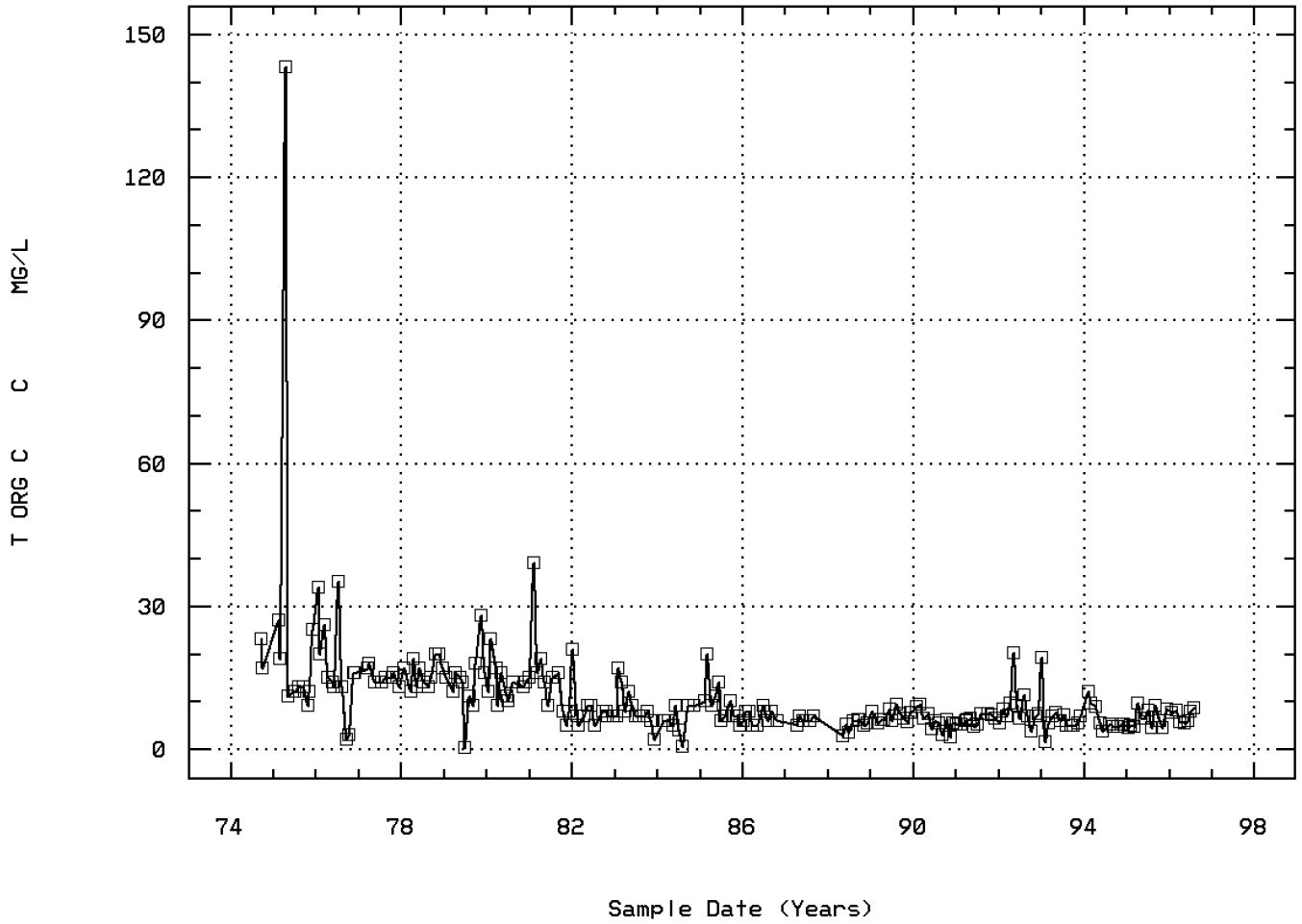
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00680

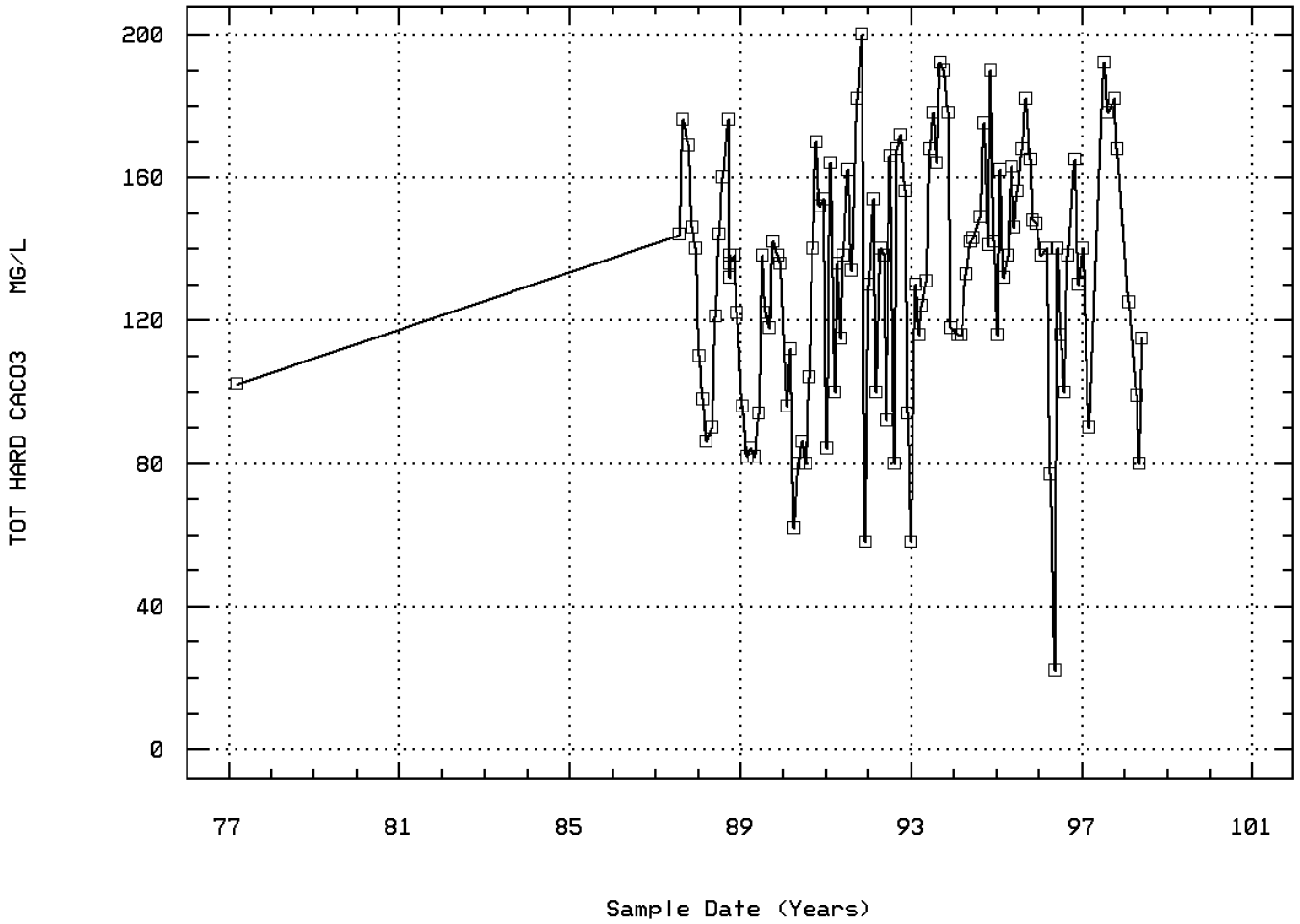
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00900

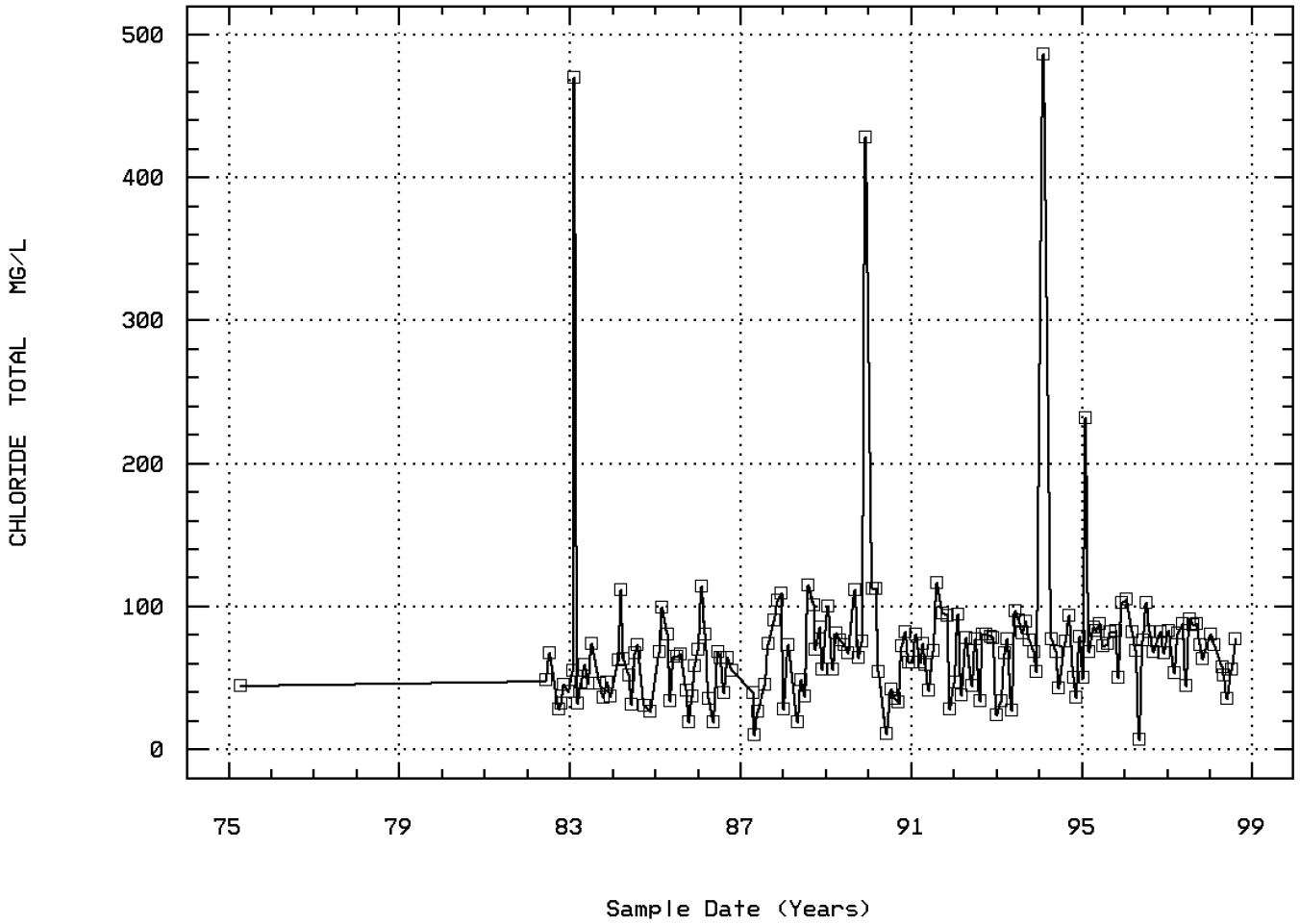
HARDNESS, TOTAL (MG/L AS CACO3)



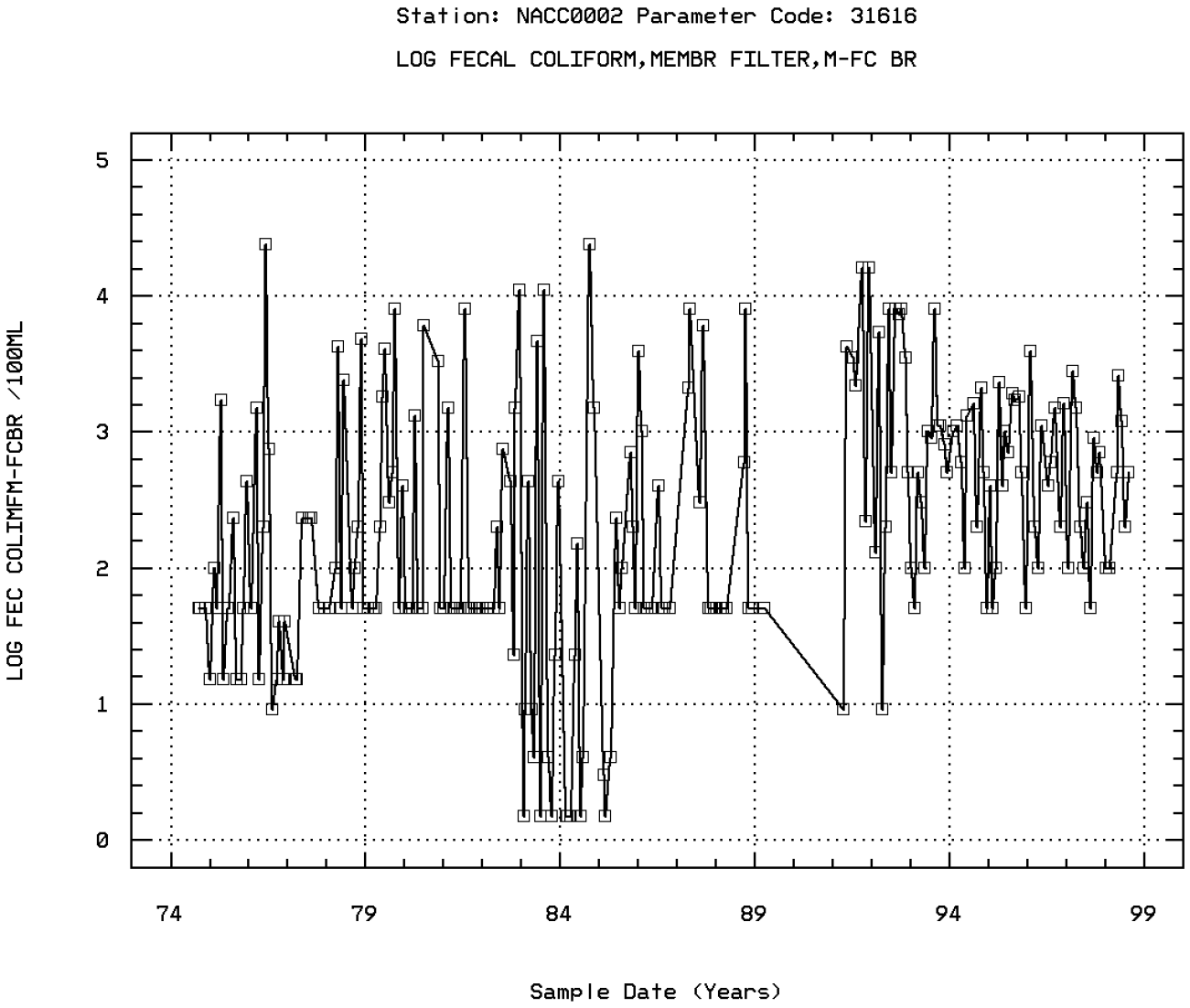
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



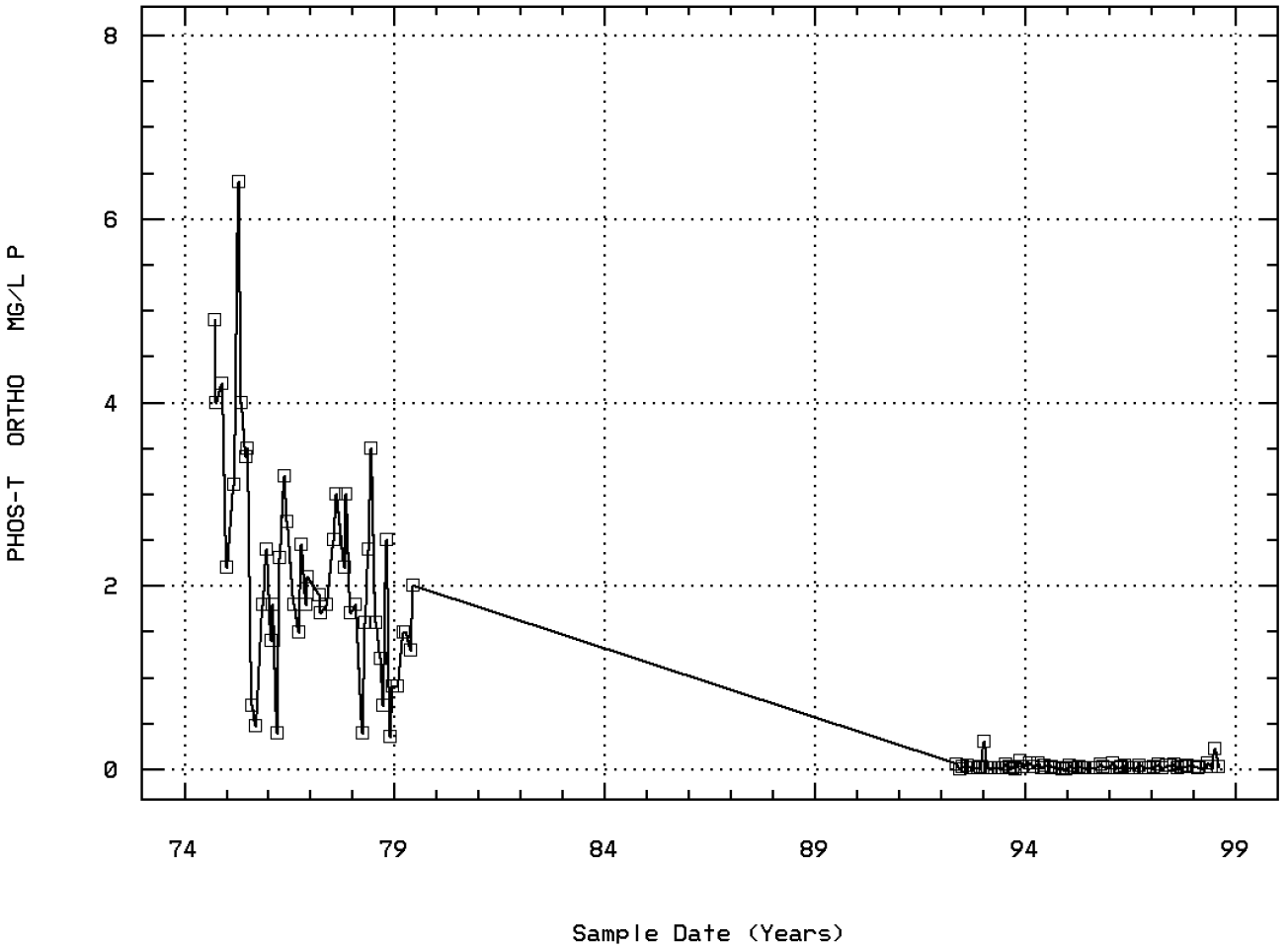
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 70507

PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



GEORGE WASHIGTON PARKWAY BRIDGE

Annual Analysis for 1974 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	3	21.1	20.	26.7	12.2	53.47	7.312	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	3	6.4	6.2	7.4	4.8	1.72	1.311	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	3	6.	6.	8.	4.	4.	2.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	3	7.	6.933	7.	6.8	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	3	7.	6.923	7.	6.8	0.014	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	3	0.1	0.119	0.158	0.1	0.001	0.034	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	3	339.	380.667	473.	330.	6414.333	80.09	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	3	38.	45.333	73.	25.	616.333	24.826	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	3	305.	335.333	435.	266.	7830.333	88.489	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	3	13.	13.	14.	12.	1.	1.	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	3	7.	6.667	9.	4.	6.333	2.517	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	3	6.	6.333	10.	3.	12.333	3.512	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	2	14.	14.	17.	11.	18.	4.243	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	3	2.199	3.999	8.5	1.299	15.395	3.924	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	3	11.	11.	18.	4.	49.	7.	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	2	20.	20.	23.	17.	18.	4.243	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	3 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	2	1.2	1.2	1.4	1.	0.08	0.283	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	3	4.199	4.366	4.899	4.	0.223	0.472	**	**	**	**

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

Annual Analysis for 1975 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	12	16.7	18.617	27.2	12.8	31.714	5.632	12.8	13.075	25.125	26.87
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	7.5	7.275	10.6	4.9	2.668	1.633	4.93	6.125	8.275	10.03
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	12	7.5	16.	108.	4.	848.727	29.133	4.	5.25	11.	79.8
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	12	7.1	7.15	7.6	6.7	0.105	0.323	6.73	6.825	7.5	7.57
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	12	7.089	7.048	7.6	6.7	0.116	0.341	6.73	6.825	7.5	7.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	12	0.082	0.09	0.2	0.025	0.004	0.06	0.027	0.032	0.15	0.187
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	10	300.	361.5	876.	225.	35805.611	189.224	227.3	260.	392.25	828.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	10	74.	114.6	513.	41.	20094.933	141.757	41.8	49.75	95.75	473.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	10	212.5	246.9	363.	184.	4030.767	63.488	185.4	204.	316.75	359.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	24.	59.	400.	4.	13055.8	114.262	4.2	8.	48.	330.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	15.	31.	220.	2.	3992.2	63.184	2.	4.	20.	180.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	9.	29.2	180.	2.	2922.178	54.057	2.1	3.75	29.	165.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	8.	7.79	13.	1.699	13.531	3.678	1.919	4.199	11.25	12.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.09	0.117	0.39	0.005	0.016	0.126	0.005	0.005	0.205	0.376
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	9	1.099	2.077	6.949	0.4	5.218	2.284	0.4	0.685	3.429	6.949
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	11.195	10.469	20.	1.899	24.891	4.989	2.139	7.674	13.	19.3
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	13.	26.909	143.	9.	1517.091	38.95	9.4	12.	25.	119.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	1	44.	44.	44.	44.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12 ##	50.	226.667	1700.	15.	230196.97	479.788	15.	15.	197.5	1319.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12 ##	1.699	1.81	3.23	1.176	0.427	0.653	1.176	1.176	2.271	3.051
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.638								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	8	0.8	0.65	1.1	0.	0.251	0.501	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	10	2.749	2.796	6.399	0.47	2.966	1.722	0.493	1.524	3.625	6.159

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

Annual Analysis for 1976 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	11	16.7	17.891	27.8	10.	46.647	6.83	10.22	11.7	25.	27.8
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.55	7.34	10.6	4.4	5.145	2.268	4.44	5.1	9.425	10.52
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	12	6.	9.	30.	2.	62.182	7.886	2.	4.	11.	25.8
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.3	6.736	7.5	1.5	3.039	1.743	2.6	7.	7.3	7.48
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.3	2.541	7.5	1.5	22.396	4.732	2.6	7.	7.3	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	11	0.05	2874.851	31622.777	0.03	290908754.488	9534.608	0.033	0.05	0.1	25298.241
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	9	311.	315.	344.	290.	257.	16.031	290.	304.	327.5	344.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	9	79.	86.889	120.	35.	881.111	29.684	35.	65.5	114.	120.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	9	226.	228.111	292.	176.	1392.611	37.318	176.	197.5	259.	292.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	39.5	62.	290.	12.	5846.727	76.464	12.6	19.25	72.	231.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	9.5	18.083	60.	0.	363.72	19.071	1.8	6.5	30.5	56.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	23.5	43.917	242.	4.	4265.174	65.308	4.6	12.	41.5	191.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	11.	11.054	16.	3.	15.874	3.984	3.62	9.	14.	15.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.13	0.248	1.399	0.04	0.151	0.388	0.044	0.08	0.25	1.169
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	0.71	0.973	2.219	0.18	0.508	0.712	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	11.79	12.976	17.59	3.799	17.281	4.157	5.077	11.	17.	17.51
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	12	15.5	17.25	35.	2.	106.386	10.314	2.3	13.	24.5	34.7
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	40.	2421.273	24000.	9.	51437077.818	7171.965	10.2	15.	750.	19500.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	1.602	2.011	4.38	0.954	1.144	1.07	0.999	1.176	2.875	4.139
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			102.501								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	11	0.7	0.709	1.6	0.	0.321	0.566	0.	0.2	1.2	1.58
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	11	1.799	1.949	3.199	0.4	0.549	0.741	0.6	1.5	2.449	3.099

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

Annual Analysis for 1977 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	8	17.	16.525	28.	1.5	119.585	10.935	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	8	7.	7.175	10.2	5.2	3.259	1.805	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	6	4.5	6.167	12.	4.	10.567	3.251	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	8	7.45	7.462	7.9	7.3	0.04	0.2	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	8	7.447	7.429	7.9	7.3	0.041	0.203	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	8	0.036	0.037	0.05	0.013	0.	0.013	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	5	334.	314.8	396.	240.	4103.2	64.056	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	5	79.	83.	113.	55.	538.	23.195	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	5	221.	231.8	297.	161.	2991.2	54.692	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	8	19.	19.75	32.	5.	148.786	12.198	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	7	6.	8.	20.	0.	52.333	7.234	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	8	11.	12.75	28.	2.	80.786	8.988	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	11.5	9.881	13.5	0.05	19.484	4.414	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	0.37	0.936	3.299	0.13	1.473	1.214	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	8	13.295	11.559	15.59	3.	16.685	4.085	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	8	15.	15.25	18.	13.	2.786	1.669	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	1	102.	102.	102.	102.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7 ##	50.	117.143	230.	15.	11348.81	106.531	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7 ##	1.699	1.834	2.362	1.176	0.29	0.538	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			68.173								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	8	2.049	2.224	3.	1.699	0.303	0.55	**	**	**	**

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

Annual Analysis for 1978 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	14.85	15.86	29.5	0.9	101.4	10.07	1.36	8.125	26.75	29.45
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.85	7.87	11.4	5.5	3.747	1.936	5.54	6.2	9.725	11.24
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	10	9.	9.1	15.	5.	11.878	3.446	5.	5.75	11.5	14.8
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	9	8.	8.344	9.8	7.3	1.03	1.015	7.3	7.4	9.35	9.8
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	9	8.	7.73	9.8	7.3	1.455	1.206	7.3	7.4	9.35	9.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	9	0.01	0.019	0.05	0.	0.	0.02	0.	0.001	0.04	0.05
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	11	325.	333.	541.	194.	9873.2	99.364	200.4	260.	391.	520.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	11	54.	62.455	92.	23.	450.473	21.224	27.8	50.	83.	91.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	11	266.	270.545	458.	140.	8473.873	92.054	147.2	208.	350.	440.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	17.	48.818	216.	5.	4940.764	70.291	5.4	11.	52.	204.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	5.	7.364	20.	1.	37.855	6.153	1.2	2.	12.	19.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	14.	41.455	200.	3.	4222.473	64.981	3.6	6.	40.	187.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	8.5	8.415	14.7	0.05	29.253	5.409	0.255	2.999	13.75	14.68
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.11	0.254	1.2	0.01	0.124	0.352	0.018	0.05	0.43	1.06
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	11.6	10.29	16.5	1.	38.768	6.226	1.11	3.9	16.05	16.47
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	17.	16.091	20.	12.	8.291	2.879	12.2	13.	19.	20.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	10	100.	1200.	4800.	50.	3567777.778	1888.856	50.	50.	2850.	4740.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	10	2.	2.378	3.681	1.699	0.71	0.843	1.699	1.699	3.441	3.675
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			238.87								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.35	0.433	1.3	0.	0.235	0.484	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	11	1.6	1.542	3.5	0.36	0.95	0.975	0.368	0.7	2.4	3.3

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

Annual Analysis for 1979 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	11	20.5	18.091	27.5	9.5	44.041	6.636	9.6	10.	23.5	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	6	536.5	739.333	1987.	312.	382729.067	618.651	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	7.8	7.891	9.8	6.3	1.221	1.105	6.32	7.2	8.6	9.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	6.	8.818	38.	0.	100.964	10.048	0.8	5.	8.	32.6
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	6	30.	32.133	75.	0.8	621.467	24.929	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.6	7.782	8.8	7.3	0.282	0.531	7.32	7.4	7.9	8.8
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.6	7.604	8.8	7.3	0.316	0.563	7.32	7.4	7.9	8.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	11	0.025	0.025	0.05	0.002	0.	0.016	0.002	0.013	0.04	0.048
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	10	313.	304.1	417.	186.	3845.656	62.013	191.3	268.25	333.75	410.1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	10	65.	172.8	900.	48.	72367.956	269.013	48.8	58.25	140.	842.9
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	10	239.	216.45	357.	0.5	9171.581	95.768	14.25	169.5	266.5	348.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	55.	95.909	600.	16.	29027.091	170.373	16.8	20.	56.	506.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	8.	20.636	100.	3.	789.255	28.094	3.4	7.	28.	86.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	22.	75.273	500.	9.	20548.218	143.346	10.	15.	48.	420.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	8.5	8.	12.5	0.7	18.308	4.279	0.96	2.8	11.5	12.4
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.11	0.341	1.6	0.02	0.224	0.474	0.034	0.09	0.38	1.44
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	6	0.55	0.967	2.4	0.1	0.835	0.914	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	12.5	11.57	18.2	1.5	30.947	5.563	1.73	7.25	15.75	18.18
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	6	0.75	1.1	2.6	0.1	1.104	1.051	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	6	0.75	1.072	2.4	0.18	0.831	0.911	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	15.	14.018	28.	0.2	45.044	6.711	1.96	11.	16.	26.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	300.	1409.091	8000.	50.	6275909.091	2505.176	50.	50.	1800.	7220.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	2.477	2.513	3.903	1.699	0.643	0.802	1.699	1.699	3.255	3.845
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			326.056								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	4	0.45	0.468	0.9	0.07	0.197	0.444	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	5	1.5	1.44	2.	0.9	0.158	0.397	**	**	**	**

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

Annual Analysis for 1980 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	14.85	17.07	28.5	9.	63.565	7.973	9.03	10.35	27.625	28.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	10	556.	542.1	1058.	205.	56066.544	236.784	214.4	371.	632.75	1022.3
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	8.8	8.2	10.8	4.5	4.843	2.201	4.5	6.2	9.95	10.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	10	6.	6.2	11.	2.	7.511	2.741	2.2	4.	7.75	10.9
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	10	29.	30.5	59.	15.	182.722	13.517	15.1	19.75	37.75	57.4
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.5	7.55	8.8	7.	0.243	0.493	7.02	7.275	7.65	8.7
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.5	7.397	8.8	7.	0.269	0.518	7.02	7.275	7.65	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	10	0.032	0.04	0.1	0.002	0.001	0.028	0.003	0.023	0.053	0.096
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	36.5	44.3	90.	7.	623.789	24.976	9.3	30.75	66.	88.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	8.5	11.	24.	6.	30.667	5.538	6.	7.5	14.25	23.1
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	27.	33.3	75.	1.	615.789	24.815	1.5	18.	54.	74.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	5.7	7.11	17.6	1.2	28.83	5.369	1.25	2.3	11.25	17.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.135	0.301	1.03	0.05	0.119	0.345	0.051	0.075	0.508	1.007
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	1.185	2.028	7.7	0.32	4.706	2.169	0.348	0.675	2.523	7.219
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	9	6.4	8.611	17.6	1.2	38.891	6.236	1.2	2.65	14.6	17.6
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	10	1.4	1.365	3.4	0.05	1.461	1.209	0.065	0.2	2.525	3.35
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	1.25	1.206	2.9	0.04	1.043	1.021	0.056	0.208	2.125	2.86
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	10	13.5	13.9	23.	9.	16.544	4.067	9.1	10.75	16.25	22.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9 ##	50.	1211.111	6000.	50.	4424236.111	2103.387	50.	50.	2300.	6000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9 ##	1.699	2.289	3.778	1.699	0.812	0.901	1.699	1.699	3.316	3.778
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			194.707								

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Annual Analysis for 1981 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	11	14.9	15.773	25.	2.	50.414	7.1	3.5	11.	23.7	24.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	11	666.	616.818	930.	250.	44420.364	210.761	266.8	450.	746.	909.2
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.3	6.96	8.7	4.8	1.52	1.233	4.87	5.725	7.8	8.64
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	5.	6.	17.	3.	15.8	3.975	3.	3.	7.	15.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	27.	27.	34.	14.	51.4	7.169	15.	19.	34.	34.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.2	7.255	8.3	6.6	0.325	0.57	6.62	6.7	7.8	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.2	6.994	8.3	6.6	0.399	0.632	6.62	6.7	7.8	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	11	0.063	0.101	0.251	0.005	0.009	0.093	0.007	0.016	0.2	0.241
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	13.	24.227	82.	2.5	806.318	28.396	2.5	2.5	42.	80.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	6.	6.5	16.	2.5	17.	4.123	2.5	2.5	8.	14.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	8.	18.409	66.	2.5	599.991	24.495	2.5	2.5	32.	65.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	6.	5.736	9.	1.9	6.369	2.524	1.94	3.3	8.5	8.9
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.19	0.249	0.7	0.07	0.03	0.172	0.082	0.13	0.31	0.634
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	3.3	4.174	10.9	1.31	9.85	3.139	1.328	1.6	5.8	10.44
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	7.2	7.282	13.4	3.5	9.312	3.051	3.58	4.	8.9	12.88
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	11	1.2	1.491	3.	0.3	0.823	0.907	0.32	0.6	2.1	2.96
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	1.2	1.456	3.	0.27	0.774	0.88	0.306	0.6	1.9	2.94
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	15.	14.909	39.	5.	82.891	9.104	5.6	8.	16.	35.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11 ##	50.	904.545	8000.	50.	5727227.273	2393.163	50.	50.	50.	6700.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11 ##	1.699	2.034	3.903	1.699	0.581	0.762	1.699	1.699	1.699	3.758
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			108.051								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**

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

Annual Analysis for 1982 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	11	14.8	15.818	24.8	6.5	46.094	6.789	6.76	8.5	23.	24.74
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	7.95	8.075	10.	6.4	3.222	1.795	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	11	535.	529.091	758.	298.	21560.891	146.836	307.2	401.	663.	746.
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	11	8.5	8.473	11.6	6.6	2.162	1.47	6.66	7.2	9.6	11.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	10	4.	6.5	26.	2.	49.389	7.028	2.1	3.	6.25	24.1
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	17.	20.818	53.	12.	126.564	11.25	12.4	16.	22.	47.4
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.4	7.245	7.6	6.6	0.085	0.291	6.66	7.1	7.4	7.58
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.4	7.139	7.6	6.6	0.097	0.312	6.66	7.1	7.4	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	11	0.04	0.073	0.251	0.025	0.004	0.066	0.026	0.04	0.079	0.226
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	6	7.25	7.35	7.7	7.2	0.043	0.207	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	6	7.247	7.314	7.7	7.2	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	6	0.057	0.048	0.063	0.02	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	5	71.	70.6	95.	55.	244.8	15.646	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	9.	11.682	34.	2.5	68.514	8.277	3.2	7.	13.	30.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	5.	5.864	21.	1.	29.405	5.423	1.2	2.5	7.	18.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	5.	6.045	13.	2.	15.223	3.902	2.	2.5	10.	12.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	3.5	4.364	17.5	1.	21.553	4.642	1.02	1.3	4.8	15.04
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.42	0.604	2.2	0.09	0.373	0.61	0.096	0.2	1.	1.96
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	5.4	4.809	9.2	0.7	6.481	2.546	1.	2.7	6.5	8.92
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	4.1	5.255	21.6	1.4	32.533	5.704	1.42	1.7	6.	18.48
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	11	1.4	1.295	3.	0.05	0.566	0.752	0.16	0.9	1.7	2.74
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	1.2	1.158	2.5	0.09	0.426	0.652	0.162	0.8	1.6	2.34
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	7.	8.455	21.	5.	19.073	4.367	5.	7.	9.	18.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	6	42.5	43.333	67.	28.	191.867	13.852	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	50.	1286.636	11000.	23.	10584066.455	3253.316	28.4	50.	750.	9100.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	1.699	2.262	4.041	1.362	0.691	0.831	1.429	1.699	2.875	3.868
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			182.872								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.15	0.283	1.	0.	0.154	0.392	**	**	**	**

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Annual Analysis for 1983 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	12	16.35	17.867	30.5	8.8	52.375	7.237	9.31	11.375	24.05	29.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	12	10.45	11.675	25.	2.2	49.308	7.022	2.68	7.7	14.55	24.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	12	431.5	529.167	1705.	305.	143065.242	378.24	306.5	362.25	517.25	1355.5
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	8.85	9.05	11.8	7.5	1.723	1.313	7.56	7.825	10.125	11.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	12	4.	8.75	25.	2.	73.477	8.572	2.	2.	18.	23.2
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	12	17.	19.917	50.	8.	108.992	10.44	9.8	15.	22.25	42.5
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	12	7.2	7.217	7.8	6.8	0.063	0.252	6.83	7.1	7.3	7.68
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	12	7.2	7.156	7.8	6.8	0.067	0.26	6.83	7.1	7.3	7.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	12	0.063	0.07	0.158	0.016	0.001	0.038	0.023	0.05	0.079	0.149
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	12	7.3	7.225	7.6	6.6	0.118	0.344	6.63	6.95	7.575	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	12	7.3	7.09	7.6	6.6	0.138	0.372	6.63	6.95	7.575	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	12	0.05	0.081	0.251	0.025	0.005	0.074	0.025	0.027	0.114	0.236
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	12	61.	59.583	82.	37.	154.992	12.45	39.4	53.25	65.75	80.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	9.5	14.125	35.	2.5	95.551	9.775	3.25	7.25	22.5	32.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	5.5	5.708	12.	2.	12.112	3.48	2.	2.625	7.75	11.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	5.	8.625	24.	2.	58.778	7.667	2.	2.625	13.	23.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	2.25	2.013	4.4	0.2	2.536	1.593	0.23	0.4	3.238	4.37
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	0.245	0.367	1.	0.01	0.115	0.339	0.019	0.055	0.638	0.955
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	4.475	4.059	6.4	1.1	3.237	1.799	1.295	2.2	5.65	6.223
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	12	3.375	3.188	7.4	0.9	4.434	2.106	0.93	1.25	4.525	6.98
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	12	0.55	1.165	3.4	0.1	1.165	1.079	0.13	0.413	1.8	3.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	12	0.55	1.032	2.7	0.1	0.826	0.909	0.112	0.373	1.725	2.625
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	12	7.5	8.667	17.	2.	15.697	3.962	3.2	7.	11.25	16.1

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Annual Analysis for 1983 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	11	47.	86.273	470.	32.	16334.818	127.808	32.8	37.	59.	390.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	9	8.4	8.689	11.6	3.6	8.271	2.876	3.6	6.3	11.4	11.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12	9.	1376.125	11000.	1.5	10891444.506	3300.219	1.5	2.125	430.	9080.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12	0.954	1.498	4.041	0.176	1.926	1.388	0.176	0.283	2.633	3.928
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.464								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	11	0.5	0.536	1.5	0.	0.153	0.391	0.04	0.3	0.7	1.36

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Annual Analysis for 1984 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	9	16.	19.078	32.9	9.2	80.922	8.996	9.2	10.65	27.25	32.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	9	8.5	10.167	21.	4.	45.888	6.774	4.	4.4	17.65	21.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	9	448.	468.222	653.	318.	13786.694	117.417	318.	362.	587.	653.
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	9.2	8.867	9.9	7.1	1.1	1.049	7.1	7.95	9.85	9.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	9	2.	2.167	4.	0.5	1.125	1.061	0.5	1.5	3.	4.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	9	12.	14.667	37.	5.	96.75	9.836	5.	8.	18.5	37.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	9	7.2	7.156	7.6	6.6	0.093	0.305	6.6	6.95	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	9	7.2	7.057	7.6	6.6	0.104	0.322	6.6	6.95	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	9	0.063	0.088	0.251	0.025	0.005	0.069	0.025	0.041	0.113	0.251
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	9	7.2	7.156	7.5	6.8	0.073	0.27	6.8	6.85	7.4	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	9	7.2	7.081	7.5	6.8	0.079	0.281	6.8	6.85	7.4	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	9	0.063	0.083	0.158	0.032	0.003	0.051	0.032	0.04	0.142	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	9	87.	86.444	120.	49.	513.778	22.667	49.	69.5	105.	120.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	9	11.	10.389	24.	2.5	40.986	6.402	2.5	5.5	13.5	24.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	9	5.	5.944	11.	2.5	9.653	3.107	2.5	3.	8.5	11.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	9	3.	4.722	15.	0.	24.444	4.944	0.	1.	8.	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	3.65	4.1	7.5	2.4	2.983	1.727	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	9	0.22	0.238	0.65	0.06	0.037	0.193	0.06	0.09	0.34	0.65
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	9	1.27	1.948	4.	0.81	1.35	1.162	0.81	1.005	3.005	4.
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	8	4.6	4.688	8.1	2.7	3.078	1.755	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	9	0.2	0.266	0.6	0.11	0.028	0.168	0.11	0.165	0.37	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	9	0.18	0.243	0.55	0.11	0.024	0.155	0.11	0.14	0.35	0.55
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	9	6.	6.056	9.	0.5	7.778	2.789	0.5	4.5	9.	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	9	62.	57.222	111.	26.	715.444	26.748	26.	30.5	70.	111.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	3	9.6	9.3	13.2	5.1	16.47	4.058	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9	4.	2853.667	24000.	1.5	63122791.625	7944.985	1.5	1.5	825.	24000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9	0.602	1.378	4.38	0.176	2.408	1.552	0.176	0.176	2.676	4.38
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.869								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	9	0.4	0.761	2.5	0.	0.619	0.787	0.	0.2	1.175	2.5

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Annual Analysis for 1985 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	11	18.	17.945	24.2	7.	35.211	5.934	7.9	13.4	24.	24.16
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	14.9	17.164	34.	6.8	85.943	9.271	6.98	10.3	25.	33.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	11	395.	386.273	563.	55.	24922.818	157.87	83.6	329.	520.	562.
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	7.3	8.2	12.9	6.4	4.09	2.022	6.4	6.95	9.2	12.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	4.	5.136	16.	0.5	20.605	4.539	0.8	2.	6.	15.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	16.	20.455	37.	9.	90.273	9.501	9.2	15.	27.	36.8
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.05	6.968	7.7	6.1	0.193	0.439	6.2	6.6	7.3	7.62
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	11	7.05	6.752	7.7	6.1	0.245	0.495	6.2	6.6	7.3	7.62

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Annual Analysis for 1985 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	11	0.089	0.177	0.794	0.02	0.049	0.22	0.026	0.05	0.251	0.686
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	11	7.4	7.318	7.8	6.4	0.142	0.376	6.52	7.2	7.5	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	11	7.4	7.117	7.8	6.4	0.186	0.431	6.52	7.2	7.5	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	11	0.04	0.076	0.398	0.016	0.012	0.109	0.017	0.032	0.063	0.338
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	11	69.	78.364	127.	30.	1139.055	33.75	31.6	49.	114.	124.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	17.	18.409	42.	2.5	136.441	11.681	3.4	8.	28.	39.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	6.	5.5	10.	2.5	4.35	2.086	2.8	4.	7.	9.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	13.	13.136	32.	2.5	88.205	9.392	2.6	4.	21.	30.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	6.5	6.873	14.5	1.	23.466	4.844	1.12	1.7	11.	14.2
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.16	0.214	0.6	0.02	0.027	0.166	0.03	0.1	0.33	0.548
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	1.11	1.756	7.4	0.28	4.287	2.07	0.298	0.5	2.15	6.58
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	11.	9.3	18.	1.6	36.858	6.071	1.7	2.4	15.	17.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	11	0.3	0.332	0.9	0.05	0.057	0.239	0.06	0.2	0.5	0.82
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.15	0.245	0.8	0.05	0.05	0.223	0.054	0.09	0.36	0.732
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	9.	9.636	20.	5.	18.455	4.296	5.2	7.	11.	18.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	11	65.	57.455	99.	19.	525.073	22.914	22.	37.	68.	95.2
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9	50.	148.722	700.	1.5	49857.819	223.289	1.5	3.5	215.	700.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9	1.699	1.573	2.845	0.176	0.885	0.941	0.176	0.54	2.331	2.845
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.45								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	9	0.2	0.267	0.6	0.1	0.025	0.158	0.1	0.15	0.35	0.6

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Annual Analysis for 1986 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	20.75	18.22	27.	5.	70.171	8.377	5.1	8.625	26.	26.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	10	11.2	13.49	32.	7.4	56.134	7.492	7.41	8.625	16.425	30.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	10	512.5	499.2	653.	315.	11874.844	108.972	323.7	411.	586.	651.1
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.5	8.29	11.7	5.7	4.363	2.089	5.74	6.775	10.675	11.62
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	10	8.	8.3	16.	3.	18.011	4.244	3.1	5.5	10.5	15.9
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	10	18.5	18.5	24.	11.	16.944	4.116	11.3	15.5	22.	23.8
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.3	7.24	7.8	6.3	0.185	0.43	6.36	7.05	7.55	7.79
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.3	7.003	7.8	6.3	0.247	0.497	6.36	7.05	7.55	7.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	10	0.05	0.099	0.501	0.016	0.021	0.145	0.016	0.029	0.091	0.464
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	10	7.6	7.42	7.7	6.8	0.117	0.343	6.82	7.075	7.7	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	10	7.6	7.286	7.7	6.8	0.137	0.371	6.82	7.075	7.7	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	10	0.025	0.052	0.158	0.02	0.002	0.047	0.02	0.02	0.085	0.153
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	10	92.	91.5	136.	34.	846.944	29.102	37.	73.	114.	134.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	15.	15.9	39.	7.	80.544	8.975	7.1	11.	17.	37.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	5.	5.	10.	2.	5.556	2.357	2.	3.5	6.25	9.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	10.5	10.9	29.	3.	51.433	7.172	3.3	6.	13.	27.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	4.2	4.31	10.5	0.05	11.062	3.326	0.145	1.225	6.875	10.25
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.125	0.147	0.3	0.06	0.007	0.081	0.061	0.078	0.198	0.295
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	1.56	2.387	8.9	0.69	5.997	2.449	0.696	0.998	2.798	8.37
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	5.75	5.77	12.	1.7	12.718	3.566	1.73	2.	8.5	11.8
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	10	0.2	0.22	0.5	0.1	0.017	0.132	0.1	0.1	0.25	0.49
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.075	0.116	0.34	0.01	0.015	0.12	0.011	0.028	0.2	0.338
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	10	7.	6.9	9.	5.	2.1	1.449	5.	5.75	8.	8.9
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	10	64.	60.8	114.	19.	697.511	26.41	20.6	38.	72.5	110.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	7	5.	5.286	8.	1.1	5.028	2.242	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9 ##	50.	622.222	3900.	50.	1612569.444	1269.87	50.	50.	700.	3900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9 ##	1.699	2.154	3.591	1.699	0.528	0.727	1.699	1.699	2.801	3.591
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			142.595								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	7	0.2	0.179	0.45	0.	0.02	0.141	**	**	**	**

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

Annual Analysis for 1987 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	9	18.	20.278	30.5	12.4	42.992	6.557	12.4	14.5	26.9	30.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	7	9.6	10.986	26.	2.1	70.878	8.419	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	8	480.5	471.625	650.	147.	28210.554	167.96	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	7	8.3	8.371	9.9	7.5	0.686	0.828	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	8	11.5	11.25	17.	6.	15.357	3.919	**	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	8	18.	17.5	24.	10.	22.571	4.751	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	9	7.3	7.418	8.23	6.8	0.271	0.52	6.8	7.	7.865	8.23
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	9	7.3	7.203	8.23	6.8	0.322	0.568	6.8	7.	7.865	8.23
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	9	0.05	0.063	0.158	0.006	0.003	0.058	0.006	0.019	0.111	0.158
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	8	7.45	7.438	7.9	6.7	0.148	0.385	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	8	7.447	7.267	7.9	6.7	0.182	0.426	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	8	0.036	0.054	0.2	0.013	0.004	0.061	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	8	94.	82.875	119.	28.	1168.411	34.182	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	8	13.	16.188	34.	2.5	90.138	9.494	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	8	5.	4.875	9.	2.	6.054	2.46	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	8	8.5	11.625	29.	2.5	91.339	9.557	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	5.	4.494	8.	0.05	6.666	2.582	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	0.18	0.189	0.34	0.07	0.007	0.086	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	8	1.62	1.705	2.46	0.83	0.365	0.604	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	8	7.05	6.913	11.	1.9	10.036	3.168	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	8	0.1	0.131	0.2	0.05	0.004	0.059	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	8	0.03	0.043	0.1	0.005	0.001	0.031	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	5	6.	6.2	7.	5.	0.7	0.837	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	5	146.	155.	176.	140.	266.	16.31	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	8	59.5	62.125	109.	10.	1388.411	37.261	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	8	5.65	6.125	11.5	2.5	8.131	2.851	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7	300.	2364.286	8000.	50.	10896428.571	3300.974	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7	2.477	2.654	3.903	1.699	1.006	1.003	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			450.741								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	6	0.1	0.15	0.4	0.	0.019	0.138	**	**	**	**

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Annual Analysis for 1988 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	12	17.7	17.05	30.	1.8	71.261	8.442	3.54	10.2	24.6	28.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	10	5.85	8.13	29.	2.3	59.351	7.704	2.4	3.9	8.775	27.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	11	433.	436.545	658.	73.	31214.273	176.676	109.2	305.	577.	655.2
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	12	8.5	8.342	14.5	5.5	5.466	2.338	5.77	6.5	8.75	13.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	6.	7.636	16.	2.	21.455	4.632	2.2	5.	12.	15.6
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	17.	17.636	37.	10.	52.655	7.256	10.4	13.	18.	34.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	8	7.6	7.735	8.5	6.9	0.293	0.541	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	8	7.589	7.481	8.5	6.9	0.366	0.605	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	8	0.026	0.033	0.126	0.003	0.002	0.039	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	11	7.3	7.3	7.8	6.7	0.11	0.332	6.76	7.1	7.5	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	11	7.3	7.187	7.8	6.7	0.124	0.352	6.76	7.1	7.5	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	11	0.05	0.065	0.2	0.016	0.003	0.052	0.016	0.032	0.079	0.18
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	11	86.	90.273	148.	47.	928.218	30.467	50.	65.	110.	142.8
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	2	292.5	292.5	315.	270.	1012.5	31.82	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	2	57.	57.	61.	53.	32.	5.657	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	2	235.5	235.5	254.	217.	684.5	26.163	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	12.	12.091	26.	2.5	59.641	7.723	2.5	3.	16.	25.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	3.	5.091	22.	1.	34.641	5.886	1.	2.5	5.	19.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	9.	9.091	19.	2.	33.641	5.8	2.1	2.5	11.	18.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	4.475	5.077	13.	0.5	14.797	3.847	0.532	2.043	7.45	12.61
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.15	0.159	0.37	0.02	0.01	0.102	0.02	0.095	0.203	0.357

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Annual Analysis for 1988 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	1.46	1.46	2.31	0.26	0.366	0.605	0.316	1.15	1.98	2.289
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	6.2	7.13	16.	0.7	26.656	5.163	0.79	2.5	12.1	15.64
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	10	0.1	0.1	0.2	0.05	0.002	0.041	0.05	0.088	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	10	0.04	0.035	0.07	0.01	0.	0.02	0.01	0.01	0.05	0.068
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	8	5.25	4.975	6.2	2.7	1.605	1.267	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	13	132.	127.	176.	86.	697.333	26.407	87.6	104.	141.	169.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	10	63.	63.2	115.	19.	987.956	31.432	19.9	34.75	89.	113.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	2	58.5	58.5	66.	51.	112.5	10.607	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2	0.285	0.285	0.36	0.21	0.011	0.106	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	10	7.25	6.59	11.	3.3	6.534	2.556	3.31	3.625	8.425	10.75
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	8 ##	50.	1112.5	8000.	50.	7781964.286	2789.617	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	8 ##	1.699	2.109	3.903	1.699	0.668	0.817	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			128.642								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1989 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	18.8	19.25	28.6	6.3	62.352	7.896	6.62	11.75	26.65	28.54
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	6.9	8.018	19.	2.6	30.598	5.532	2.7	3.7	8.6	18.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	6	438.	469.833	624.	360.	9114.967	95.472	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	5	566.	735.8	1457.	514.	164000.7	404.97	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	7.35	7.8	10.5	5.8	2.653	1.629	5.84	6.5	9.675	10.44
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	6.	6.364	17.	1.	20.055	4.478	1.2	3.	9.	15.6
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	19.	21.818	33.	13.	56.564	7.521	13.2	15.	30.	33.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	7	7.5	7.457	8.	6.8	0.163	0.404	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	7	7.5	7.29	8.	6.8	0.196	0.442	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	7	0.032	0.051	0.158	0.01	0.003	0.052	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	11	7.	7.155	7.8	6.8	0.119	0.345	6.82	6.9	7.5	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	11	7.	7.06	7.8	6.8	0.128	0.358	6.82	6.9	7.5	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	11	0.1	0.087	0.158	0.016	0.002	0.046	0.017	0.032	0.126	0.152
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	11	50.	59.818	105.	37.	661.764	25.725	37.4	40.	80.	105.
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	11	325.	348.545	773.	233.	22429.473	149.765	234.8	259.	381.	695.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	11	73.	69.909	129.	26.	1084.291	32.929	28.	41.	94.	126.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	11	247.	278.636	747.	165.	25516.255	159.738	170.4	199.	272.	653.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	9.	12.818	41.	3.	133.164	11.54	3.2	5.	13.	38.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	3.	3.273	8.	1.	4.618	2.149	1.	2.	4.	7.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	7.	9.591	35.	0.5	98.141	9.907	0.8	3.	10.	32.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	7.05	7.832	13.5	2.6	17.042	4.128	2.76	4.55	12.5	13.36
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.04	0.063	0.21	0.02	0.004	0.063	0.02	0.03	0.06	0.2
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.75	1.154	4.08	0.12	1.573	1.254	0.142	0.29	1.73	3.826
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	10.	10.436	15.	3.5	16.763	4.094	3.6	8.	13.9	15.
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	11	0.1	0.095	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.041	0.14	0.01	0.001	0.038	0.012	0.02	0.05	0.128
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	6.3	6.936	9.4	5.5	1.633	1.278	5.52	5.9	7.8	9.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	11	118.	112.	142.	82.	612.8	24.755	82.	84.	138.	141.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	10	75.5	113.1	428.	56.	12511.211	111.854	56.8	66.25	102.75	396.3
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	11	48.	46.545	59.	35.	61.273	7.828	35.4	37.	51.	58.4
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.33	0.419	0.8	0.19	0.041	0.203	0.192	0.26	0.62	0.774
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	12	9.1	9.15	11.2	7.	2.159	1.469	7.03	8.025	10.5	11.14
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or 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 NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	16.85	15.66	24.7	2.9	58.665	7.659	3.41	8.225	24.025	24.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	10.4	15.991	53.	3.6	230.817	15.193	3.64	4.6	23.	48.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	1	524.	524.	524.	524.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	10	450.	432.4	609.	220.	17465.378	132.157	229.1	318.5	553.25	605.3
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	10	8.7	8.69	11.2	5.9	2.957	1.719	6.04	7.375	9.9	11.19
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	4.	5.364	20.	1.	28.655	5.353	1.	2.	7.	17.6
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	18.	20.	30.	7.	52.4	7.239	8.4	16.	28.	30.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	7	7.	7.	8.	5.9	0.443	0.666	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	7	7.	6.574	8.	5.9	0.655	0.81	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	7	0.1	0.267	1.259	0.01	0.198	0.445	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	11	7.2	7.155	8.	6.3	0.347	0.589	6.34	6.6	7.7	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	11	7.2	6.848	8.	6.3	0.45	0.671	6.34	6.6	7.7	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	11	0.063	0.142	0.501	0.01	0.025	0.158	0.011	0.02	0.251	0.464
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	11	56.	64.364	130.	30.	1113.255	33.365	30.	33.	93.	124.2
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	11	280.	270.545	342.	167.	3088.873	55.578	175.4	221.	326.	339.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	11	50.	56.273	87.	26.	384.218	19.601	28.8	42.	72.	86.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	11	224.	211.545	270.	124.	2064.473	45.436	133.	170.	244.	267.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	7.5	13.2	44.	2.	177.733	13.332	2.1	3.75	22.	42.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	2.	6.182	41.	0.5	137.114	11.71	0.5	1.	4.	34.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	8.	12.682	42.	0.5	191.214	13.828	0.6	2.	18.	40.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	5.35	5.005	9.45	0.02	13.505	3.675	0.192	1.02	8.5	9.34
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.07	0.079	0.2	0.01	0.004	0.065	0.012	0.02	0.15	0.19
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	1.65	1.417	2.73	0.24	0.721	0.849	0.27	0.46	2.17	2.624
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	8.5	6.227	10.7	0.7	16.932	4.115	0.88	1.6	10.	10.66
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	11	0.1	0.118	0.2	0.1	0.002	0.04	0.1	0.1	0.1	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.035	0.07	0.01	0.	0.018	0.01	0.03	0.04	0.068
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	5.9	5.818	9.3	2.4	4.776	2.185	2.5	4.1	7.5	9.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	11	104.	112.364	170.	62.	1305.455	36.131	65.6	80.	152.	166.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	10	57.5	61.4	112.	11.	1125.822	33.553	13.2	34.5	89.5	112.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	11	43.	39.545	54.	25.	89.273	9.448	25.2	30.	46.	52.8
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	11	0.5	0.481	0.82	0.05	0.054	0.232	0.09	0.34	0.63	0.816
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	11	9.6	9.055	11.3	5.6	3.435	1.853	5.78	7.8	10.3	11.26

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

Annual Analysis for 1991 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	18.45	18.26	26.4	8.1	41.687	6.457	8.39	12.275	24.65	26.39
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	11	11.	11.082	40.	2.6	112.568	10.61	2.64	3.1	12.8	34.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	1	273.	273.	273.	273.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	11	582.	548.182	800.	238.	28332.764	168.323	261.2	429.	684.	789.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	9	7.1	7.678	11.6	4.8	5.239	2.289	4.8	6.15	9.7	11.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	8.	7.273	13.	1.	10.818	3.289	1.6	5.	9.	12.6
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	11	23.	25.909	45.	17.	83.091	9.115	17.	21.	28.	44.2
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	10	6.95	6.84	7.2	6.4	0.074	0.272	6.41	6.575	7.025	7.19
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	10	6.947	6.761	7.2	6.4	0.081	0.284	6.41	6.575	7.025	7.19
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	10	0.113	0.173	0.398	0.063	0.013	0.114	0.065	0.095	0.267	0.39
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	11	7.8	7.773	8.3	6.7	0.212	0.461	6.84	7.6	8.2	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	11	7.8	7.481	8.3	6.7	0.306	0.553	6.84	7.6	8.2	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	11	0.016	0.033	0.2	0.005	0.003	0.056	0.005	0.006	0.025	0.168
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	11	112.	105.818	177.	26.	1889.764	43.471	29.	88.	133.	170.2
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	11	290.	294.909	448.	101.	12934.691	113.731	111.4	192.	404.	445.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	11	60.	60.364	112.	26.	553.655	23.53	27.6	46.	66.	106.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	11	228.	234.545	384.	75.	9440.473	97.162	83.8	146.	292.	381.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	8.	10.909	44.	1.5	141.541	11.897	1.7	3.	13.	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 1991 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	2.	2.909	9.	1.	5.141	2.267	1.	1.5	4.	8.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	11	6.	8.364	35.	1.5	92.105	9.597	1.6	2.	11.	30.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	8.8	9.595	15.4	3.	19.506	4.417	3.388	5.3	14.2	15.32
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.1	0.148	0.46	0.03	0.014	0.12	0.038	0.07	0.17	0.418
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	0.77	1.005	2.7	0.2	0.463	0.68	0.258	0.64	1.23	2.488
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	11	11.5	11.309	17.5	3.5	21.411	4.627	4.02	8.2	16.	17.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	11	0.1	0.114	0.2	0.05	0.004	0.06	0.05	0.05	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	11	0.03	0.033	0.07	0.01	0.	0.018	0.01	0.02	0.04	0.066
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	11	6.2	6.082	7.3	4.8	0.834	0.913	4.88	5.2	7.2	7.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	11	136.	133.909	200.	58.	1815.691	42.611	63.2	100.	164.	196.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	11	69.	70.636	116.	28.	627.055	25.041	30.6	59.	93.	111.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	11	44.	47.636	74.	27.	229.055	15.135	28.2	36.	64.	72.2
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	10	0.745	0.704	0.98	0.27	0.051	0.226	0.287	0.538	0.883	0.977
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	11	9.5	8.891	11.8	3.9	6.149	2.48	4.32	6.6	11.1	11.68
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7	3500.	6018.429	16000.	9.	48871350.619	6990.805	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7	3.544	3.174	4.204	0.954	1.351	1.162	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1491.148								

** - Less than 9 observations ## - Computed with 50% or 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 NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	12	18.25	18.008	26.5	8.3	41.472	6.44	9.05	12.25	24.6	26.41
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	4	10.2	11.35	22.	3.	84.357	9.185	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	12	597.5	547.75	786.	291.	18533.477	136.138	313.5	426.5	610.5	740.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	12	582.5	525.5	731.	273.	17099.182	130.764	298.5	400.25	593.75	694.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	12	7.15	6.817	9.1	4.1	1.972	1.404	4.52	5.625	7.9	8.86
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	12	3.5	3.667	6.	1.	2.061	1.435	1.3	3.	5.	5.7
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	12	13.5	14.167	30.	0.	81.061	9.003	0.6	7.75	21.	28.5
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	12	6.9	6.908	7.3	6.5	0.054	0.231	6.53	6.8	7.075	7.27
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	12	6.9	6.852	7.3	6.5	0.057	0.239	6.53	6.8	7.075	7.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	12	0.126	0.141	0.316	0.05	0.006	0.077	0.054	0.085	0.158	0.297
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	12	7.7	7.733	8.1	7.1	0.095	0.308	7.19	7.525	8.05	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	12	7.7	7.625	8.1	7.1	0.108	0.329	7.19	7.525	8.05	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	12	0.02	0.024	0.079	0.008	0.	0.02	0.008	0.009	0.03	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	12	78.	80.833	135.	32.	802.879	28.335	36.8	67.25	91.75	131.4
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	12	334.	329.167	440.	210.	5577.97	74.686	213.6	256.75	395.5	430.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	12	70.	71.5	140.	42.	774.818	27.836	42.9	46.5	79.5	128.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	12	278.	257.667	362.	144.	4060.061	63.719	153.	190.5	296.75	344.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	11.	12.333	23.	5.	27.515	5.245	5.9	8.25	15.5	22.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	2.5	2.917	5.	2.	1.356	1.165	2.	2.	3.75	5.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	8.5	9.417	18.	3.	18.629	4.316	3.9	6.25	13.	17.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	3.45	4.28	15.2	0.41	17.3	4.159	0.428	1.175	6.065	12.71
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	0.15	0.498	2.3	0.01	0.542	0.736	0.019	0.09	0.605	2.12
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	11	2.35	2.991	8.4	0.27	5.659	2.379	0.452	1.25	3.66	7.93
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	12	5.35	6.017	15.5	1.2	19.234	4.386	1.32	3.	7.8	14.75
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	12	0.1	0.104	0.2	0.05	0.001	0.033	0.065	0.1	0.1	0.17
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	12	7.2	8.508	20.2	3.7	17.588	4.194	4.18	6.5	9.55	17.53
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	12	139.	132.5	172.	80.	1089.545	33.008	83.6	95.5	163.5	170.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	11	78.	66.273	94.	34.	440.618	20.991	34.8	44.	80.	91.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	11	50.	47.273	63.	28.	109.818	10.479	28.4	41.	53.	61.2
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	10	0.715	0.593	0.84	0.15	0.057	0.24	0.165	0.36	0.763	0.836
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	13	8.2	8.177	11.9	5.4	3.525	1.878	5.52	6.65	9.3	11.34
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	3500.	3776.273	8000.	9.	13039438.818	3611.016	33.2	200.	8000.	8000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	11	3.544	3.056	3.903	0.954	0.963	0.981	1.186	2.301	3.903	3.903

** - Less than 9 observations ## - Computed with 50% or 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 NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1137.677								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	8	0.02	0.023	0.05	0.005	0.	0.017	**	**	**	**

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

Annual Analysis for 1993 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	13	15.6	18.208	29.2	6.	52.837	7.269	7.84	12.85	25.35	28.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	13	554.	538.462	727.	229.	23038.436	151.784	277.8	422.	663.5	711.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	12	530.	486.	625.	214.	16921.818	130.084	250.6	379.	595.5	623.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	13	7.9	8.015	11.1	5.8	2.38	1.543	6.	6.8	8.95	10.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	12	3.	3.75	13.	1.	10.023	3.166	1.	2.	4.	10.6
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	12	14.5	16.208	46.	0.5	108.884	10.435	3.95	13.	16.75	37.9
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	13	6.7	6.862	7.6	6.5	0.099	0.315	6.54	6.65	7.05	7.48
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	13	6.7	6.78	7.6	6.5	0.106	0.326	6.54	6.65	7.05	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	13	0.2	0.166	0.316	0.025	0.007	0.086	0.035	0.09	0.225	0.29
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	12	7.65	7.675	8.3	7.1	0.175	0.418	7.13	7.325	8.075	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	12	7.647	7.517	8.3	7.1	0.202	0.45	7.13	7.325	8.075	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	12	0.023	0.03	0.079	0.005	0.001	0.024	0.005	0.008	0.048	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	12	70.5	72.833	120.	37.	527.788	22.974	40.3	54.75	87.25	113.7
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	11	333.	319.909	428.	222.	6055.291	77.816	222.	245.	395.	426.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	11	73.	85.091	148.	54.	862.691	29.372	54.8	60.	99.	141.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	11	234.	234.818	322.	151.	3400.964	58.318	154.4	181.	293.	316.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	9.5	18.583	117.	6.	970.992	31.161	6.	7.25	13.25	87.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	2.5	4.417	24.	1.	39.902	6.317	1.	2.	3.75	18.6
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	6.5	14.167	93.	5.	620.333	24.906	5.	5.25	9.75	68.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	1.325	2.023	5.35	0.23	3.506	1.872	0.245	0.473	3.775	5.245
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	0.065	0.087	0.23	0.02	0.004	0.06	0.026	0.04	0.128	0.203
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	3.875	4.139	7.66	1.36	2.927	1.711	1.699	2.888	5.453	7.063
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	12	1.85	3.508	9.5	0.6	9.424	3.07	0.78	1.4	6.75	8.9
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	12 ##	0.075	0.425	3.9	0.05	1.213	1.102	0.05	0.05	0.1	2.88
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	12	5.65	6.742	19.2	1.4	18.061	4.25	2.45	4.925	7.075	15.75
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	12	147.5	145.583	192.	58.	1572.629	39.656	75.4	119.5	178.	191.4
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	12	72.	65.333	97.	24.	633.152	25.163	24.9	39.	87.	94.9
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	12	48.5	46.417	66.	19.	200.447	14.158	22.	35.75	59.	64.5
00951	FLUORIDE, TOTAL (MG/L AS F)	11/09/88-04/06/93	2 ##	0.405	0.405	0.56	0.25	0.048	0.219	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12	650.	1204.167	8000.	50.	4734753.788	2175.949	65.	150.	1075.	5930.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12	2.801	2.701	3.903	1.699	0.355	0.596	1.789	2.119	3.031	3.645
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			502.848								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	12	0.02	0.051	0.3	0.005	0.007	0.081	0.007	0.02	0.045	0.237

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Annual Analysis for 1994 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	9	19.3	19.756	27.7	7.4	41.338	6.429	7.4	15.7	25.	27.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	9	577.	672.667	1481.	462.	98632.75	314.059	462.	504.	683.	1481.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	9	537.	625.	1411.	402.	93942.5	306.5	402.	462.	647.5	1411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	9	7.	7.5	11.	6.	2.375	1.541	6.	6.55	8.3	11.
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	9	2.9	5.433	21.	1.5	40.273	6.346	1.5	1.7	7.5	21.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	10	19.	19.4	31.	11.	42.933	6.552	11.2	14.5	23.75	30.8
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	9	7.1	7.078	7.4	6.5	0.069	0.264	6.5	6.95	7.25	7.4

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Annual Analysis for 1994 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	9	7.1	6.992	7.4	6.5	0.078	0.279	6.5	6.95	7.25	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	9	0.079	0.102	0.316	0.04	0.007	0.084	0.04	0.057	0.113	0.316
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	9	7.7	7.544	7.9	6.8	0.148	0.384	6.8	7.25	7.85	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	9	7.7	7.367	7.9	6.8	0.183	0.428	6.8	7.25	7.85	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	9	0.02	0.043	0.158	0.013	0.002	0.048	0.013	0.014	0.06	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	9	91.	85.	126.	49.	539.	23.216	49.	63.5	95.	126.
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	9	325.	379.333	820.	254.	30022.	173.269	254.	283.5	403.5	820.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	9	83.	79.222	111.	42.	484.694	22.016	42.	64.	97.5	111.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	9	238.	300.111	736.	199.	27901.361	167.037	199.	215.5	294.	736.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	9	12.	13.222	19.	7.	20.444	4.522	7.	9.5	18.5	19.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	9	3.	3.278	6.	1.5	2.882	1.698	1.5	1.5	5.	6.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	9	9.	9.778	16.	4.	15.444	3.93	4.	6.5	13.5	16.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	3.055	3.176	7.7	0.42	5.889	2.427	0.438	0.675	4.415	7.58
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.115	0.136	0.39	0.04	0.01	0.101	0.041	0.073	0.175	0.37
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	3.015	3.378	7.2	1.71	3.277	1.81	1.726	1.9	4.533	7.033
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	4.05	4.39	9.5	1.1	7.772	2.788	1.14	1.575	6.9	9.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	10	0.1	0.1	0.2	0.05	0.002	0.041	0.05	0.088	0.1	0.19
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	10	5.15	6.42	12.1	3.6	7.697	2.774	3.7	4.6	9.025	11.86
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	10	142.	144.7	190.	116.	533.789	23.104	116.	128.75	155.5	188.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	9	75.	111.889	486.	36.	20029.611	141.526	36.	46.5	86.	486.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	9	44.	47.111	63.	33.	127.111	11.274	33.	36.5	58.	63.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	10	800.	855.	2100.	50.	469138.889	684.937	55.	175.	1375.	2050.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	10	2.889	2.716	3.322	1.699	0.297	0.545	1.729	2.226	3.136	3.31
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			519.852								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	10	0.025	0.029	0.06	0.005	0.	0.02	0.005	0.016	0.045	0.06

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Annual Analysis for 1995 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	12	16.75	17.458	27.3	6.6	54.632	7.391	7.11	11.425	25.25	27.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	12	596.	613.333	1060.	428.	25992.242	161.221	436.7	506.75	649.25	948.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	12	609.	618.833	1018.	419.	23170.879	152.22	434.	506.5	668.75	925.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	12	7.85	7.408	9.5	5.6	1.717	1.31	5.66	5.925	8.15	9.38
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	11	1.9	2.355	6.	0.5	2.635	1.623	0.6	1.	3.	5.66
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	12	16.5	16.583	29.	8.	32.447	5.696	8.6	12.25	19.75	26.9
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	12	7.3	7.267	7.7	6.7	0.059	0.242	6.82	7.125	7.375	7.64
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	12	7.3	7.196	7.7	6.7	0.064	0.253	6.82	7.125	7.375	7.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	12	0.05	0.064	0.2	0.02	0.002	0.046	0.023	0.042	0.075	0.163
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	12	7.3	7.242	7.8	6.8	0.066	0.257	6.83	7.1	7.375	7.68
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	12	7.3	7.175	7.8	6.8	0.071	0.267	6.83	7.1	7.375	7.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	12	0.05	0.067	0.158	0.016	0.002	0.04	0.023	0.042	0.079	0.149
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	12	88.5	90.083	147.	61.	557.902	23.62	61.6	70.25	97.	137.1
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	12	353.5	355.583	552.	244.	6005.902	77.498	258.4	304.25	379.5	513.6
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	12	67.	73.667	123.	38.	673.152	25.945	41.6	58.5	84.25	122.7
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	12	268.5	281.917	486.	206.	5156.811	71.811	209.	238.75	300.	432.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	7.	7.25	14.	1.5	13.977	3.739	1.5	4.5	10.	13.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	12 ##	1.5	1.625	3.	1.5	0.188	0.433	1.5	1.5	1.5	2.55
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	12	5.	5.583	11.	1.5	8.765	2.961	1.5	3.25	8.	10.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	0.915	3.373	14.6	0.16	23.609	4.859	0.175	0.253	6.67	13.31
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	0.065	0.083	0.2	0.02	0.003	0.059	0.02	0.04	0.128	0.191
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	12	3.485	3.578	7.18	1.28	3.603	1.898	1.319	1.68	4.74	6.937
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	12	2.5	4.717	18.3	0.8	32.534	5.704	0.83	1.	8.275	16.53
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	12	0.075	0.074	0.1	0.04	0.001	0.027	0.043	0.05	0.1	0.1
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	12	6.1	6.408	9.5	4.4	3.735	1.933	4.4	4.575	8.35	9.41
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	12	152.	151.917	182.	116.	320.992	17.916	120.8	140.	164.5	177.8

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Annual Analysis for 1995 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	12	82.5	89.083	232.	50.	2250.265	47.437	50.	69.	87.25	193.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	12	47.	48.583	69.	40.	72.083	8.49	40.6	43.	50.5	66.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12	600.	908.333	2300.	50.	654924.242	809.274	50.	175.	1775.	2180.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	12	2.772	2.689	3.362	1.699	0.362	0.602	1.699	2.151	3.249	3.337
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			489.059								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	12	0.02	0.025	0.05	0.01	0.	0.011	0.013	0.02	0.03	0.047

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Annual Analysis for 1996 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	17.	18.66	29.4	7.4	58.887	7.674	7.77	12.075	26.225	29.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	10	505.5	507.4	624.	437.	3652.711	60.438	437.	453.5	559.25	617.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	10	537.5	544.6	654.	463.	4146.489	64.393	464.4	489.	588.75	652.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	10	8.35	7.81	9.9	5.1	2.35	1.533	5.16	6.75	8.9	9.83
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	10	2.	2.35	6.	0.5	2.892	1.7	0.55	1.	3.25	5.8
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	10	16.5	17.9	32.	8.	40.1	6.332	8.6	15.5	19.5	31.2
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.	6.98	7.3	6.4	0.086	0.294	6.43	6.775	7.3	7.3
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.	6.882	7.3	6.4	0.097	0.311	6.43	6.775	7.3	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	10	0.1	0.131	0.398	0.05	0.011	0.106	0.05	0.05	0.169	0.378
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	10	7.4	7.4	7.9	7.1	0.053	0.231	7.11	7.2	7.525	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	10	7.4	7.352	7.9	7.1	0.056	0.236	7.11	7.2	7.525	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	10	0.04	0.044	0.079	0.013	0.	0.02	0.014	0.03	0.063	0.078
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	10	66.5	68.7	86.	55.	134.233	11.586	55.1	56.75	81.	85.8
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	10	334.5	340.4	395.	289.	1013.822	31.841	291.8	318.5	369.75	393.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	10	71.	80.3	132.	55.	607.122	24.64	55.1	65.	94.25	130.1
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	10	258.5	260.1	307.	233.	494.767	22.243	233.5	239.5	273.25	303.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	10.5	13.2	31.	6.	50.844	7.131	6.3	9.75	15.25	29.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	10 ##	1.5	2.4	5.	1.5	1.656	1.287	1.5	1.5	3.25	4.9
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	8.5	10.5	27.	4.	40.278	6.346	4.3	7.75	11.75	25.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.995	3.675	14.18	0.29	28.165	5.307	0.309	0.54	6.038	14.052
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.085	0.193	1.3	0.005	0.153	0.391	0.006	0.04	0.115	1.183
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	2.955	4.101	14.8	0.11	17.745	4.212	0.116	1.558	5.297	13.909
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	2.2	5.464	17.6	1.1	41.274	6.424	1.1	1.205	8.8	17.53
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	10 ##	0.05	0.075	0.2	0.05	0.002	0.049	0.05	0.05	0.1	0.19
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	7	7.6	7.014	8.5	5.4	1.701	1.304	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	10	134.	116.6	165.	22.	1702.933	41.267	27.5	94.25	140.	162.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	10	79.	74.	105.	7.	726.667	26.957	13.	67.75	87.	104.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	10	40.5	42.4	52.	37.	32.044	5.661	37.	38.5	47.5	52.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9	600.	1066.667	3900.	100.	1450000.	1204.159	100.	200.	1550.	3900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	9	2.778	2.777	3.591	2.	0.27	0.52	2.	2.301	3.19	3.591
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			598.709								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	10	0.02	0.029	0.06	0.02	0.	0.014	0.02	0.02	0.04	0.058

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Annual Analysis for 1997 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	10	20.6	18.72	27.9	3.4	60.577	7.783	4.12	13.	25.6	27.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	9	544.	529.333	659.	361.	9563.5	97.793	361.	454.5	602.5	659.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	10	573.5	550.9	659.	368.	10147.211	100.733	370.4	490.25	625.25	658.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	9	7.7	7.667	10.	5.5	2.58	1.606	5.5	6.3	9.2	10.
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	10	2.	2.05	6.	0.5	2.469	1.571	0.55	1.	2.25	5.7

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Annual Analysis for 1997 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	6	13.5	13.667	20.	9.	14.267	3.777	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.25	7.25	7.8	6.8	0.078	0.28	6.82	7.075	7.425	7.77
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	10	7.247	7.175	7.8	6.8	0.085	0.291	6.82	7.075	7.425	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	10	0.057	0.067	0.158	0.016	0.002	0.041	0.017	0.038	0.085	0.153
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	10	7.45	7.5	7.9	7.2	0.058	0.24	7.2	7.275	7.7	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	10	7.447	7.444	7.9	7.2	0.061	0.248	7.2	7.275	7.7	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	10	0.036	0.036	0.063	0.013	0.	0.018	0.013	0.02	0.053	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	10	75.	74.6	94.	37.	352.489	18.775	39.1	59.5	92.5	94.
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	10	354.5	362.4	494.	230.	6135.822	78.331	235.8	314.25	427.	488.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	10	80.5	93.1	157.	56.	1129.211	33.604	56.7	67.5	120.75	154.5
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	10	278.5	269.3	337.	161.	2850.678	53.392	166.1	231.5	312.25	335.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	10.	10.9	24.	6.	27.433	5.238	6.1	7.75	12.	23.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	10 ##	1.5	2.15	4.	1.5	1.169	1.081	1.5	1.5	3.25	4.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	10	7.5	8.4	20.	4.	20.711	4.551	4.1	5.75	9.5	19.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.195	0.249	1.	0.02	0.081	0.285	0.02	0.05	0.293	0.933
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	0.025	0.05	0.28	0.005	0.007	0.082	0.006	0.01	0.043	0.257
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	10	5.19	5.151	7.17	3.31	1.519	1.232	3.352	3.978	5.925	7.134
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	10	1.	1.05	1.8	0.6	0.098	0.314	0.62	0.875	1.125	1.74
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	10 ##	0.075	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.19
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	6	173.	158.333	192.	90.	1435.867	37.893	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	10	82.	75.1	91.	44.	270.1	16.435	44.9	60.5	88.	90.7
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	10	49.5	49.7	72.	25.	260.456	16.139	25.9	34.	65.25	71.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	10	400.	715.	2800.	50.	742250.	861.539	55.	100.	1050.	2670.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	10	2.588	2.56	3.447	1.699	0.318	0.564	1.729	2.	3.01	3.42
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			362.968								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	10	0.035	0.035	0.05	0.02	0.	0.011	0.02	0.028	0.043	0.05

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Annual Analysis for 1998 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	7	19.3	20.214	26.2	11.8	34.085	5.838	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	7	468.	477.286	575.	373.	4916.238	70.116	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	7	459.	471.429	579.	375.	6266.952	79.164	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	7	7.5	7.929	9.	6.7	0.799	0.894	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	7	2.	1.714	3.	1.	0.571	0.756	**	**	**	**
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	4	16.	16.25	18.	15.	1.583	1.258	**	**	**	**
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	7	7.2	7.	7.8	5.7	0.433	0.658	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	7	7.2	6.454	7.8	5.7	0.781	0.884	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	7	0.063	0.351	1.995	0.016	0.528	0.727	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	7	7.	7.043	7.4	6.7	0.06	0.244	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	7	7.	6.987	7.4	6.7	0.063	0.251	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	7	0.1	0.103	0.2	0.04	0.003	0.054	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	7	75.	70.429	88.	49.	188.619	13.734	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	7	321.	310.286	387.	248.	3665.238	60.541	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	7	75.	82.	117.	52.	594.	24.372	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	7	232.	228.286	274.	183.	1442.238	37.977	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	7	9.	10.143	17.	5.	17.476	4.18	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	7	3.	2.5	4.	1.5	1.	1.	**	**	**	**
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	7	6.	7.286	13.	3.	12.905	3.592	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	7	0.55	0.966	3.66	0.18	1.495	1.223	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	7	0.16	0.247	0.63	0.03	0.059	0.243	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	7	4.75	4.286	6.77	1.4	3.575	1.891	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	7	1.4	1.829	4.2	1.	1.209	1.1	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	7	0.1	0.1	0.2	0.05	0.003	0.05	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	4	107.	104.75	125.	80.	386.917	19.67	**	**	**	**

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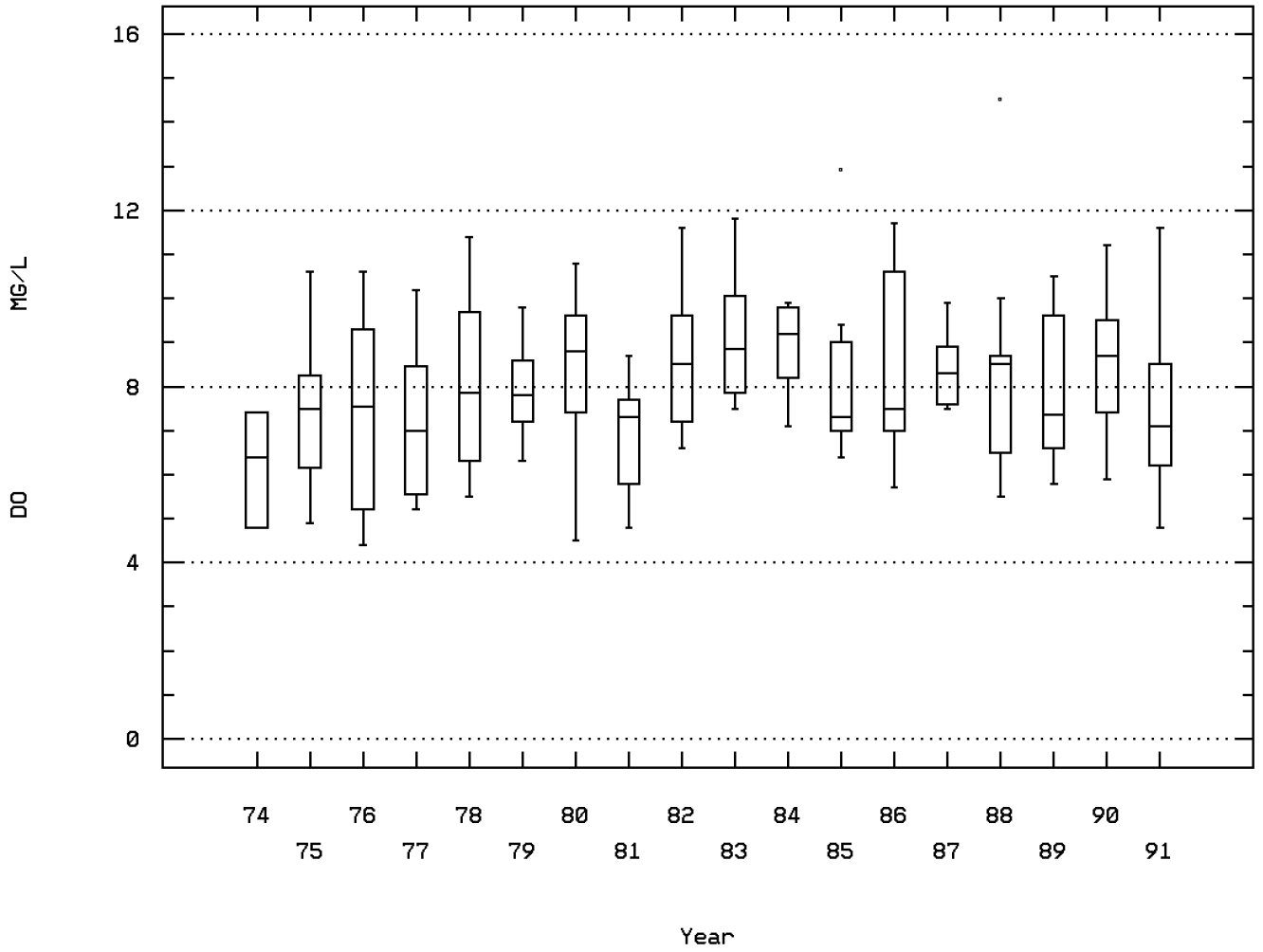
Annual Analysis for 1998 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	7	57.	61.429	80.	35.	259.619	16.113	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	7	37.	40.857	55.	29.	99.81	9.99	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7	500.	742.857	2600.	100.	816190.476	903.433	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	7	2.699	2.599	3.415	2.	0.287	0.536	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			397.208								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	7	0.03	0.061	0.22	0.02	0.005	0.072	**	**	**	**

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Station: NACC0002 Parameter Code: 00300

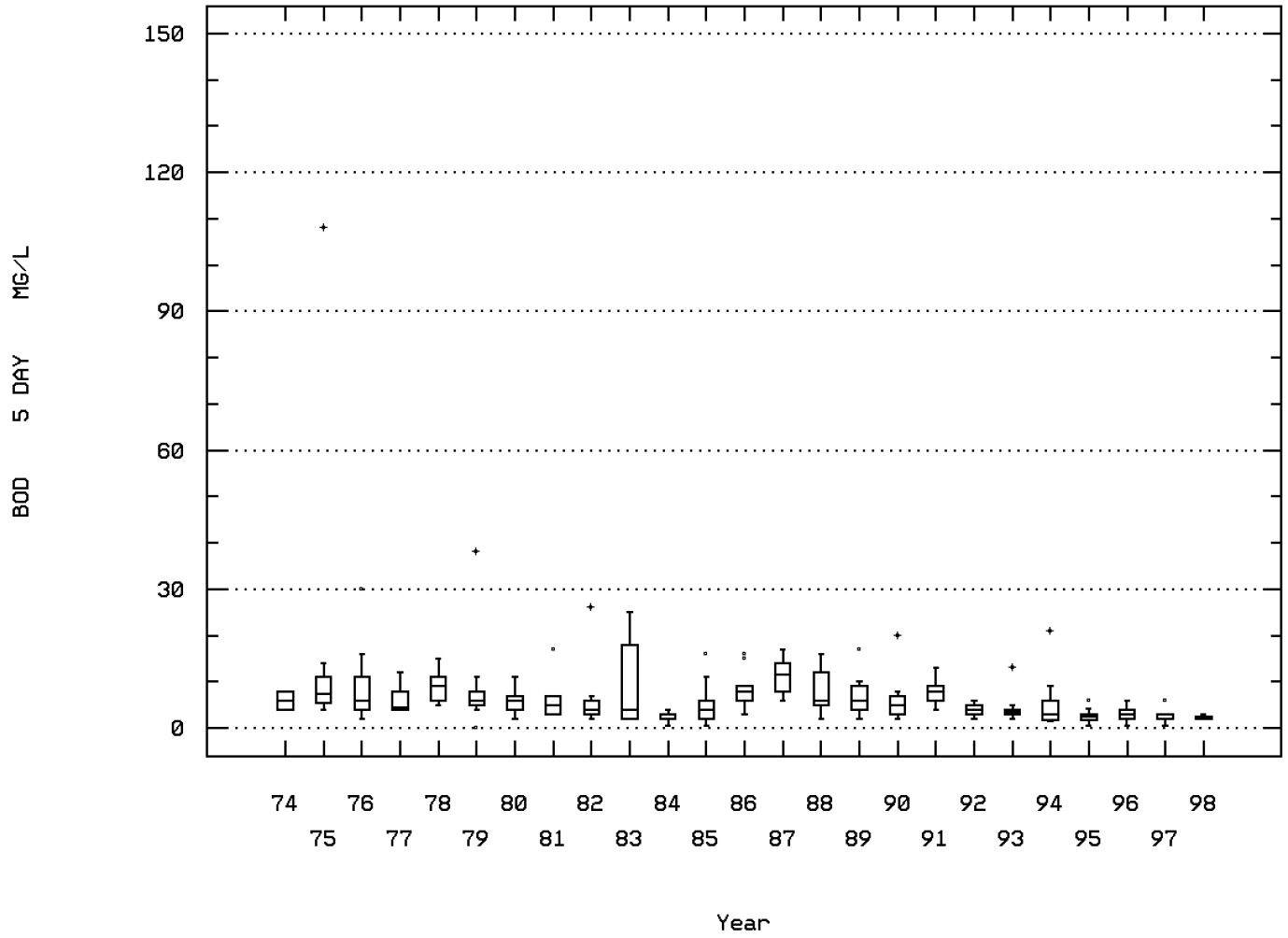
OXYGEN, DISSOLVED



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00310

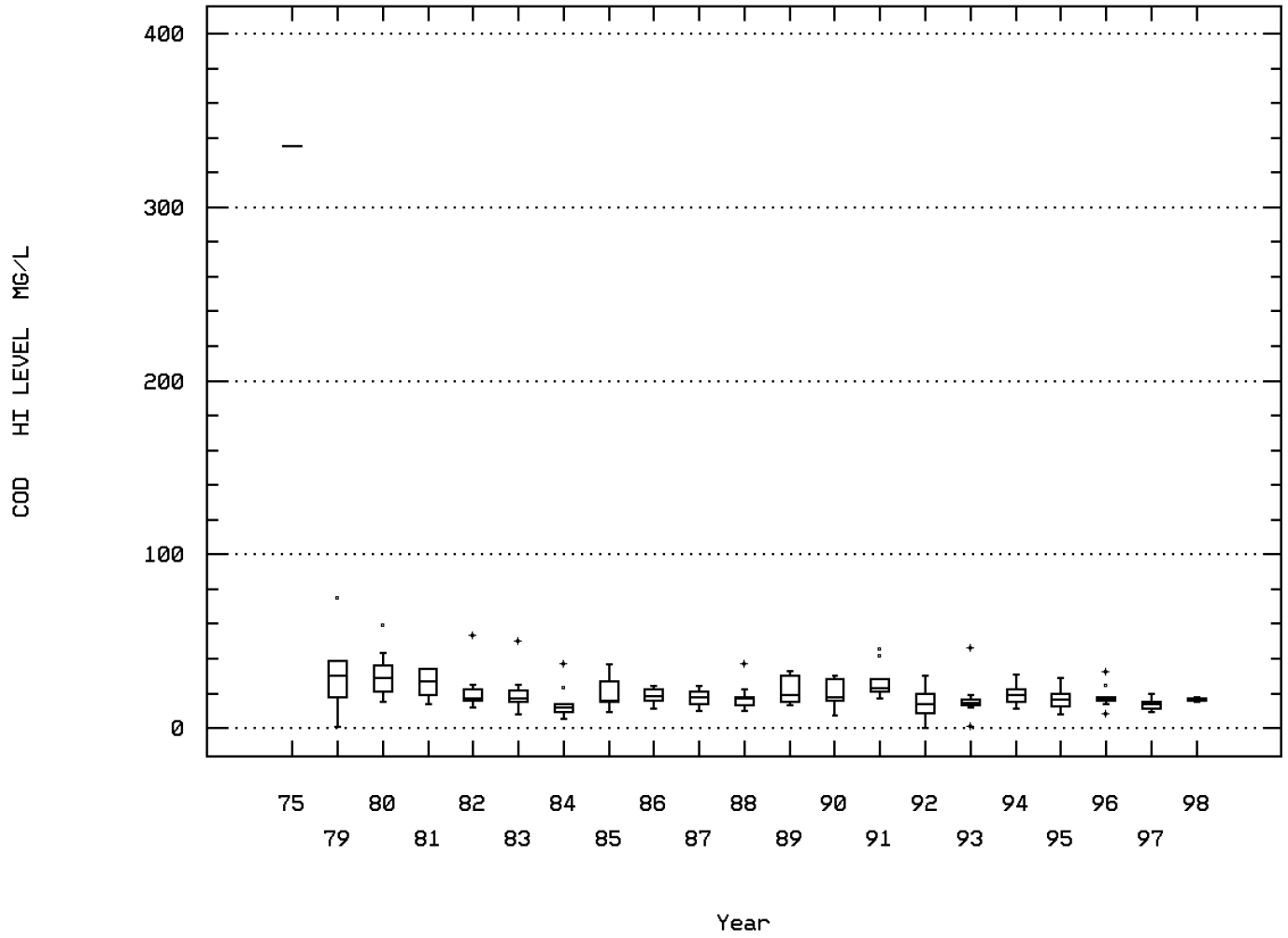
BOD, 5 DAY, 20 DEG C



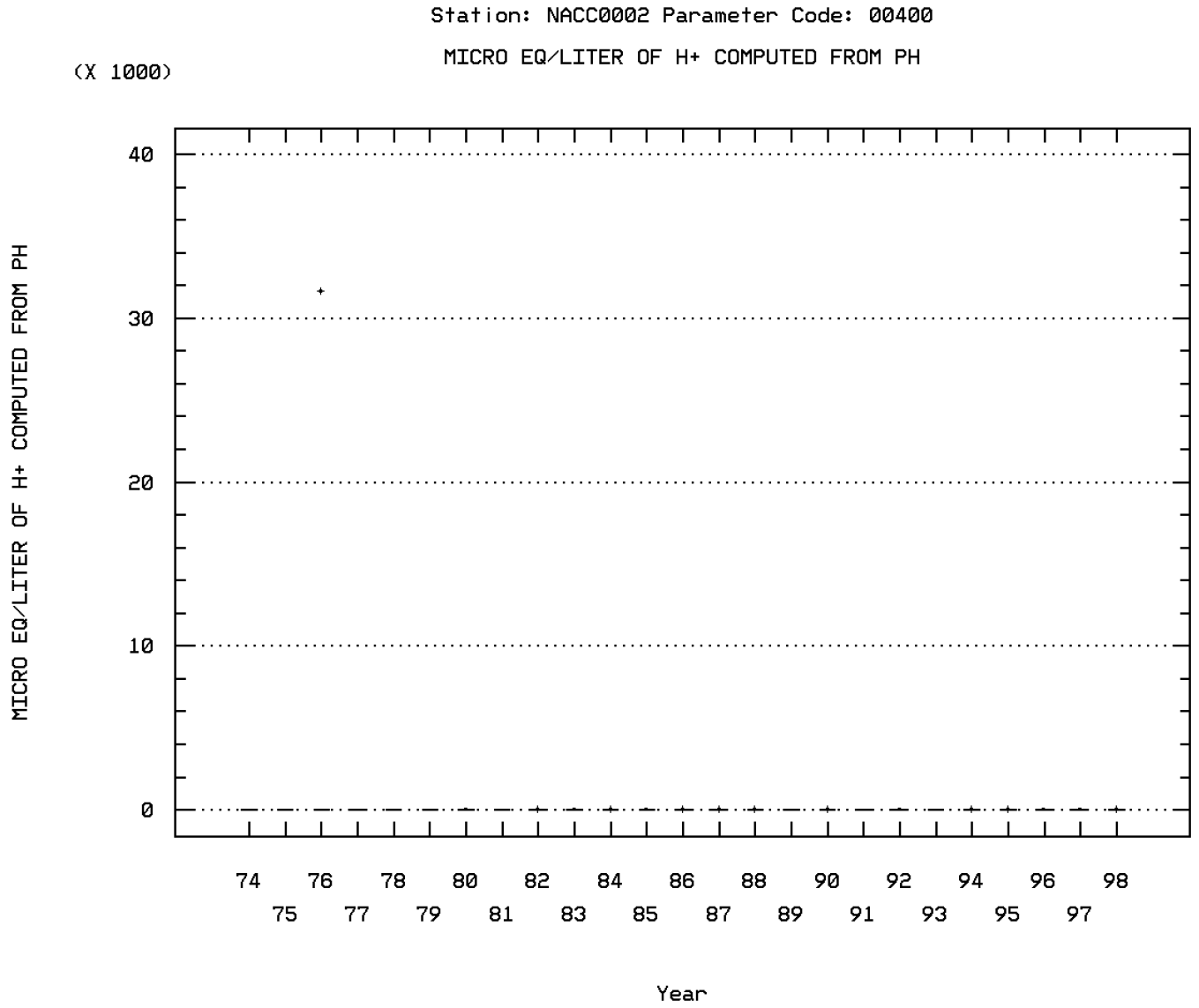
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00340

COD, .25N K2CR2O7



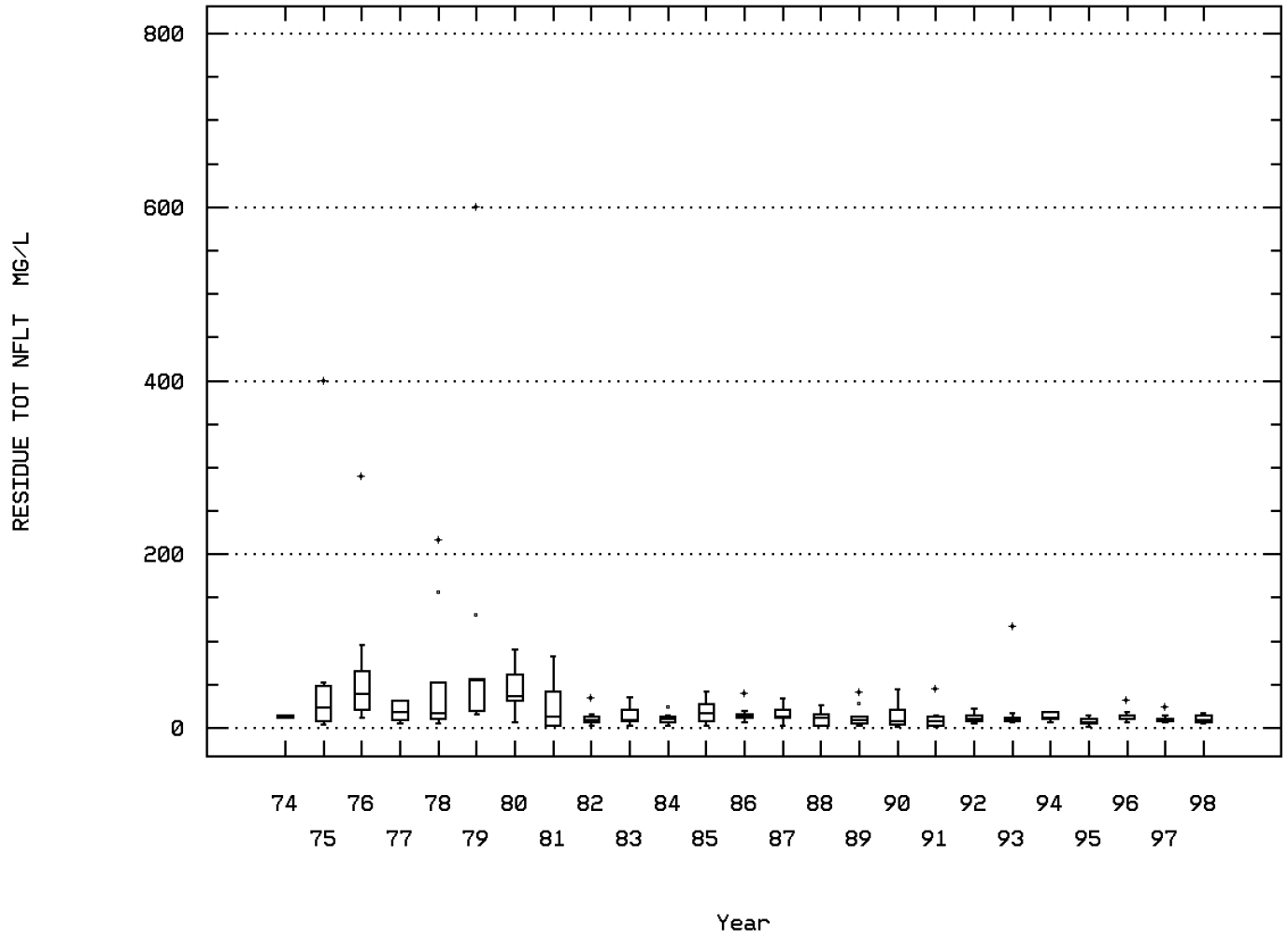
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00530

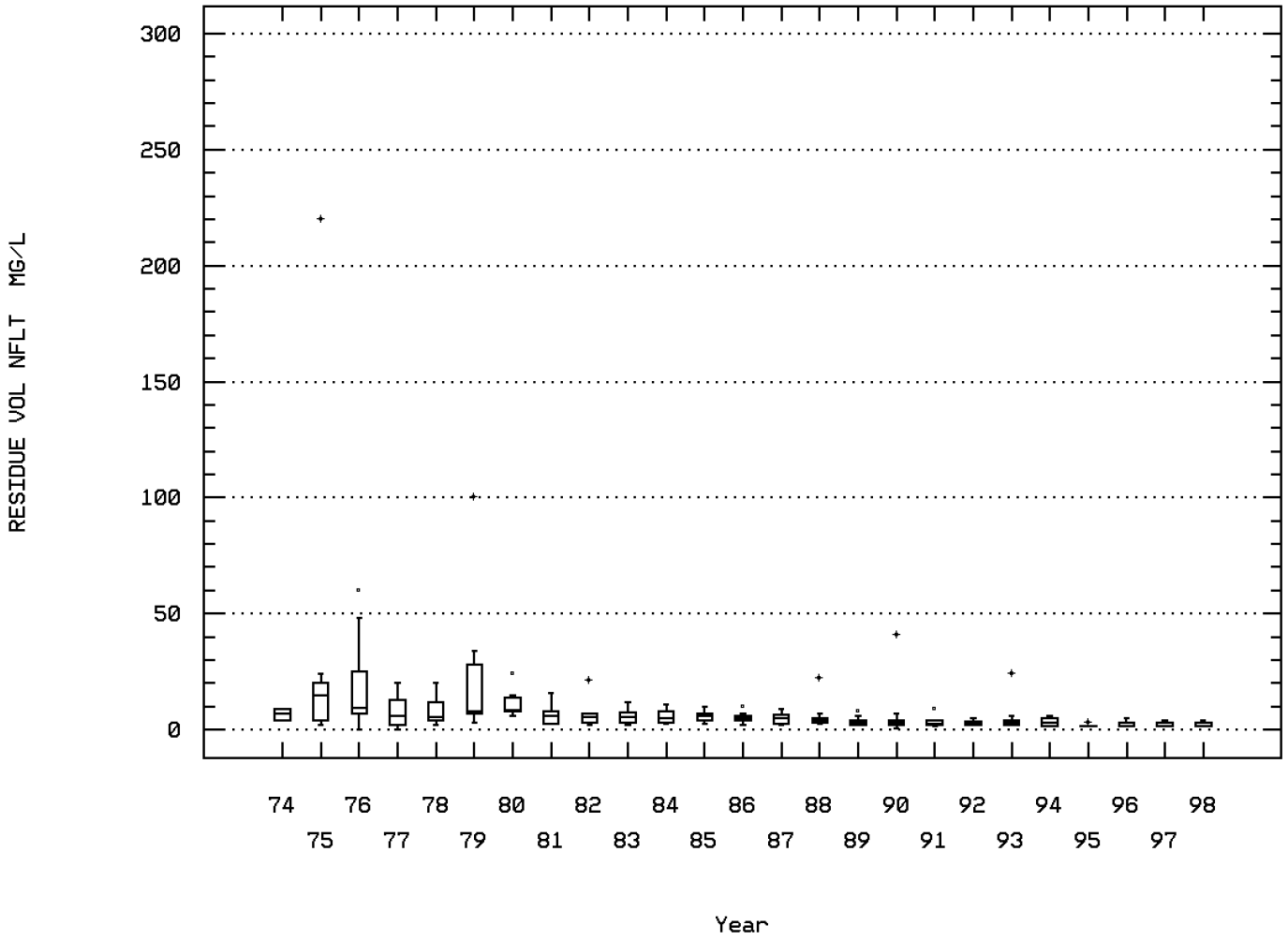
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00535

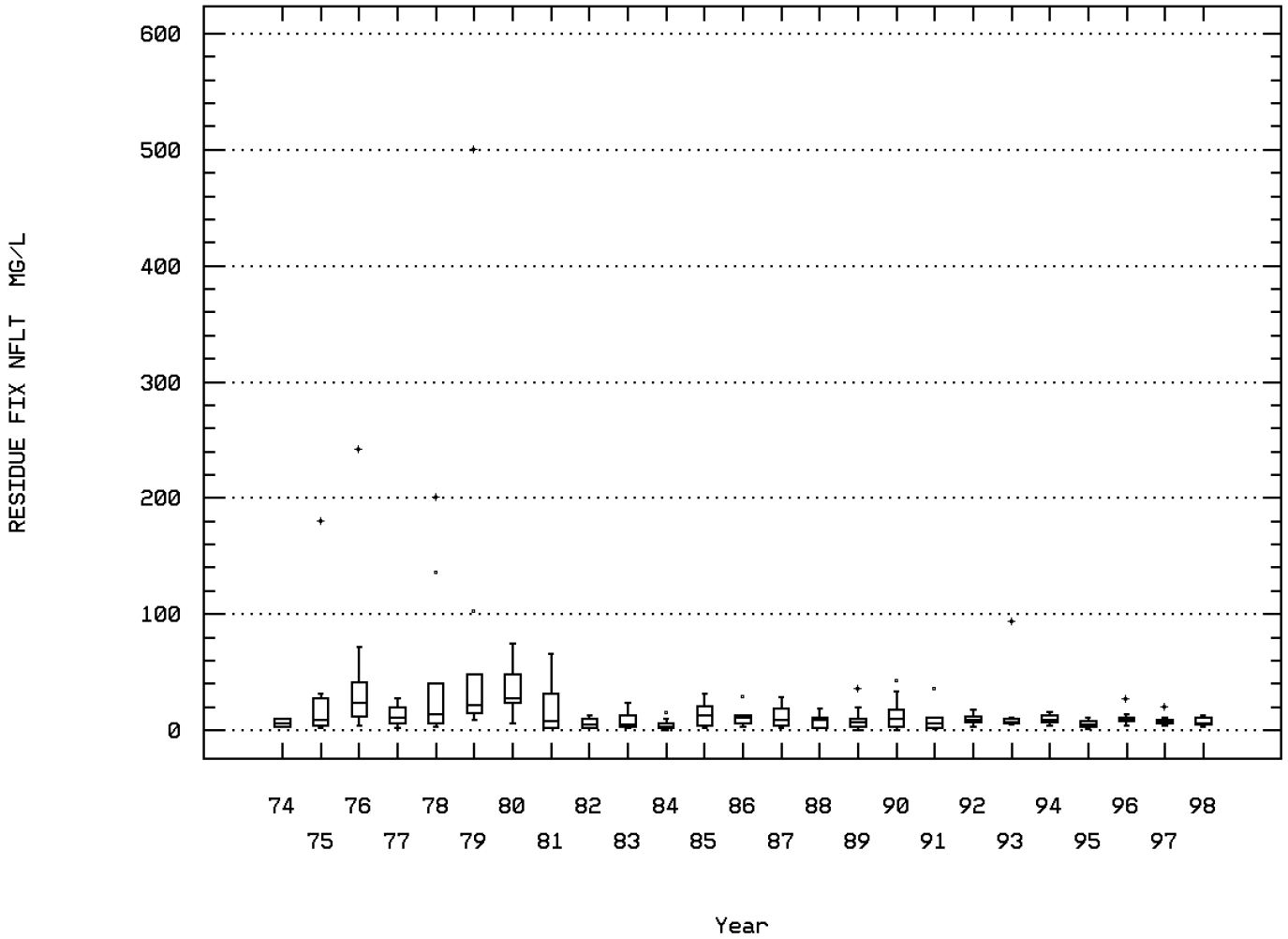
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00540

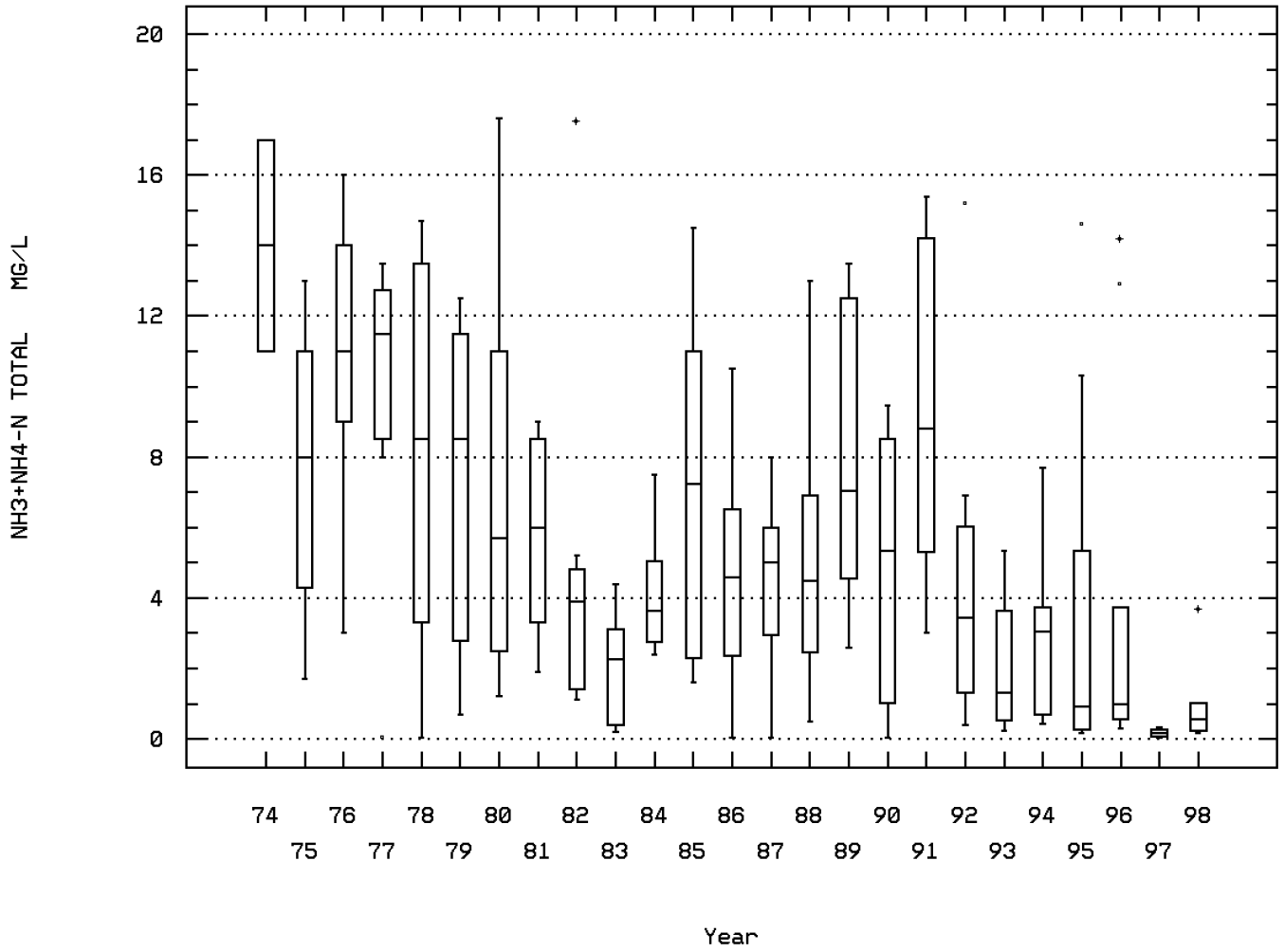
RESIDUE, FIXED NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00610

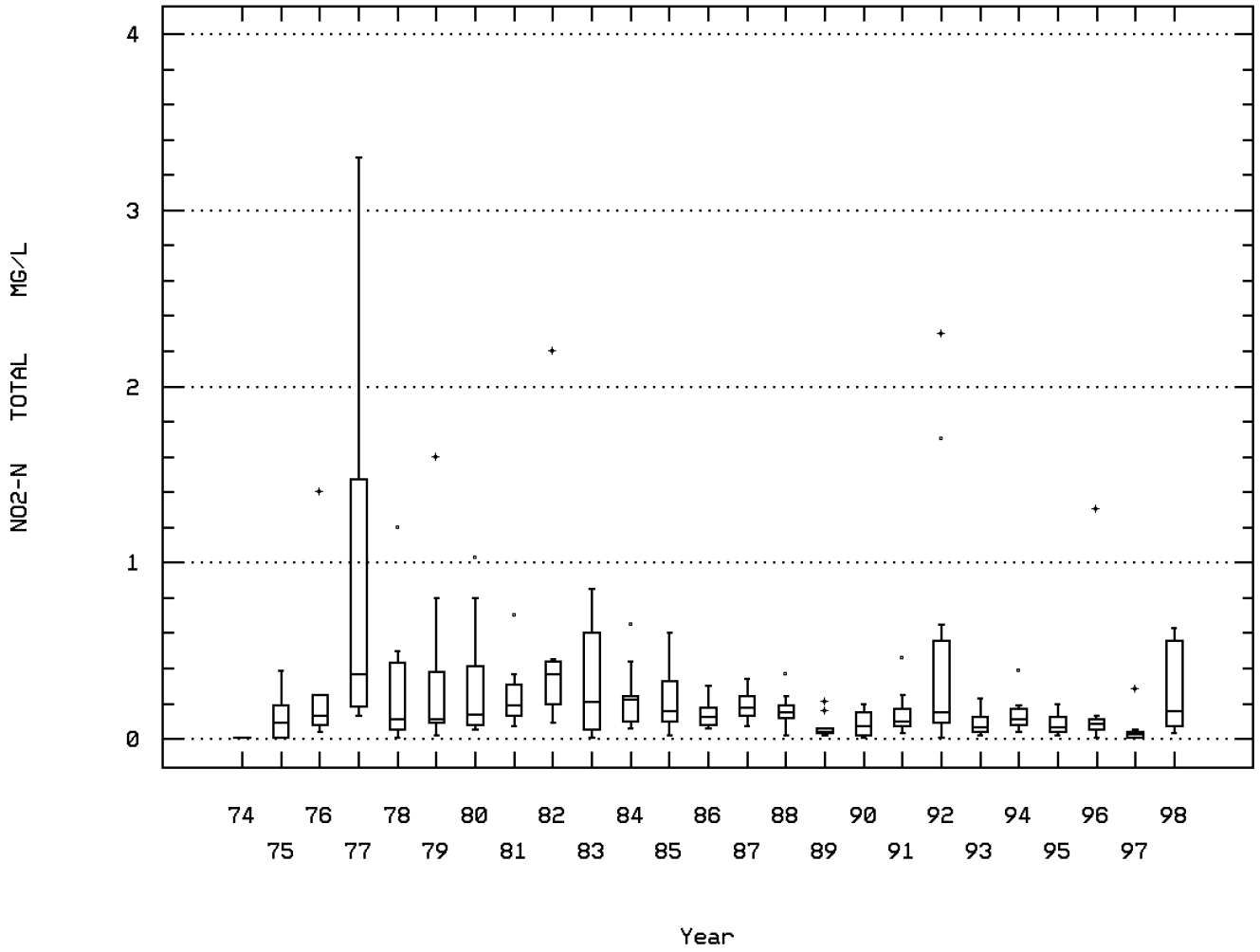
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00615

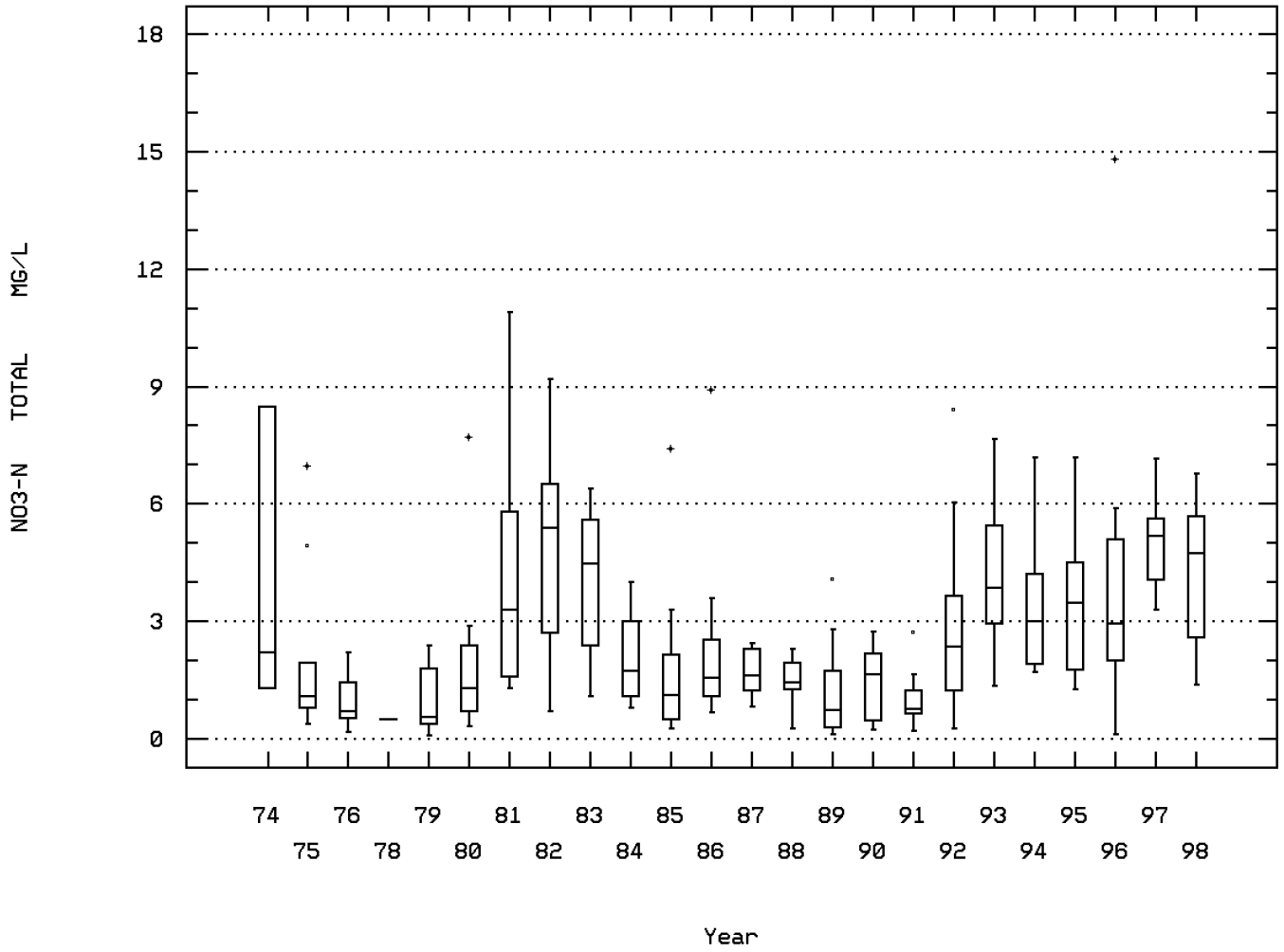
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00620

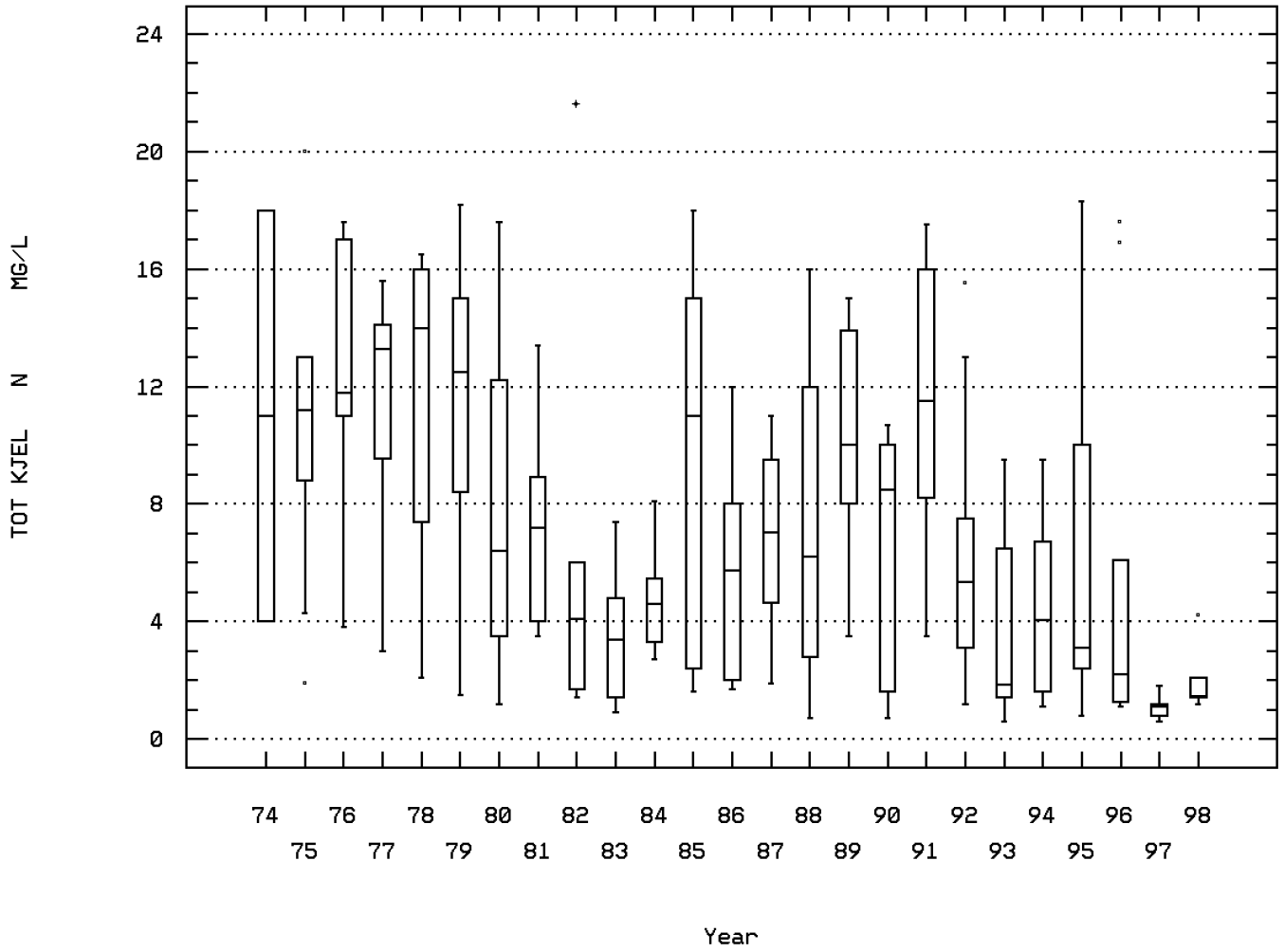
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00625

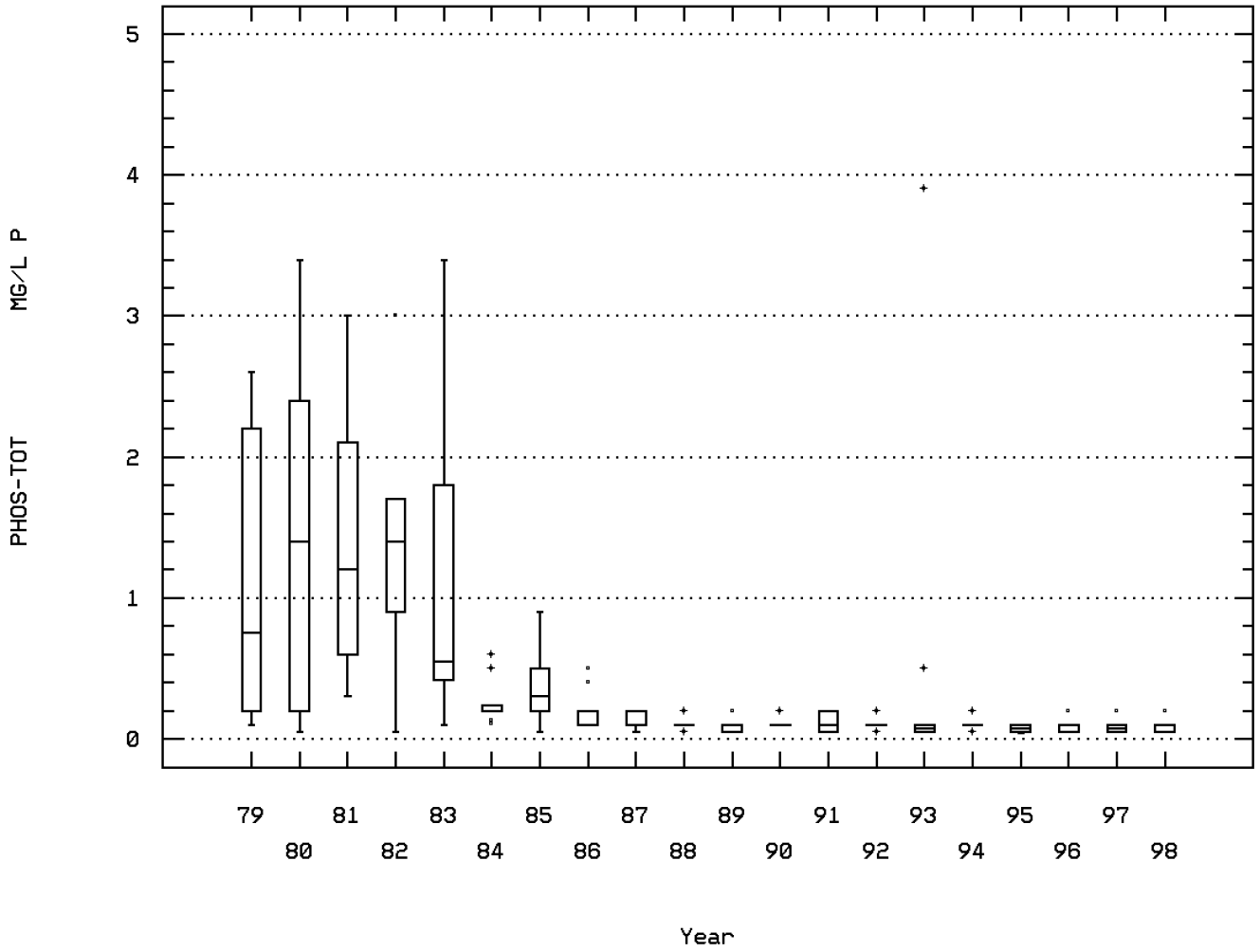
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00665

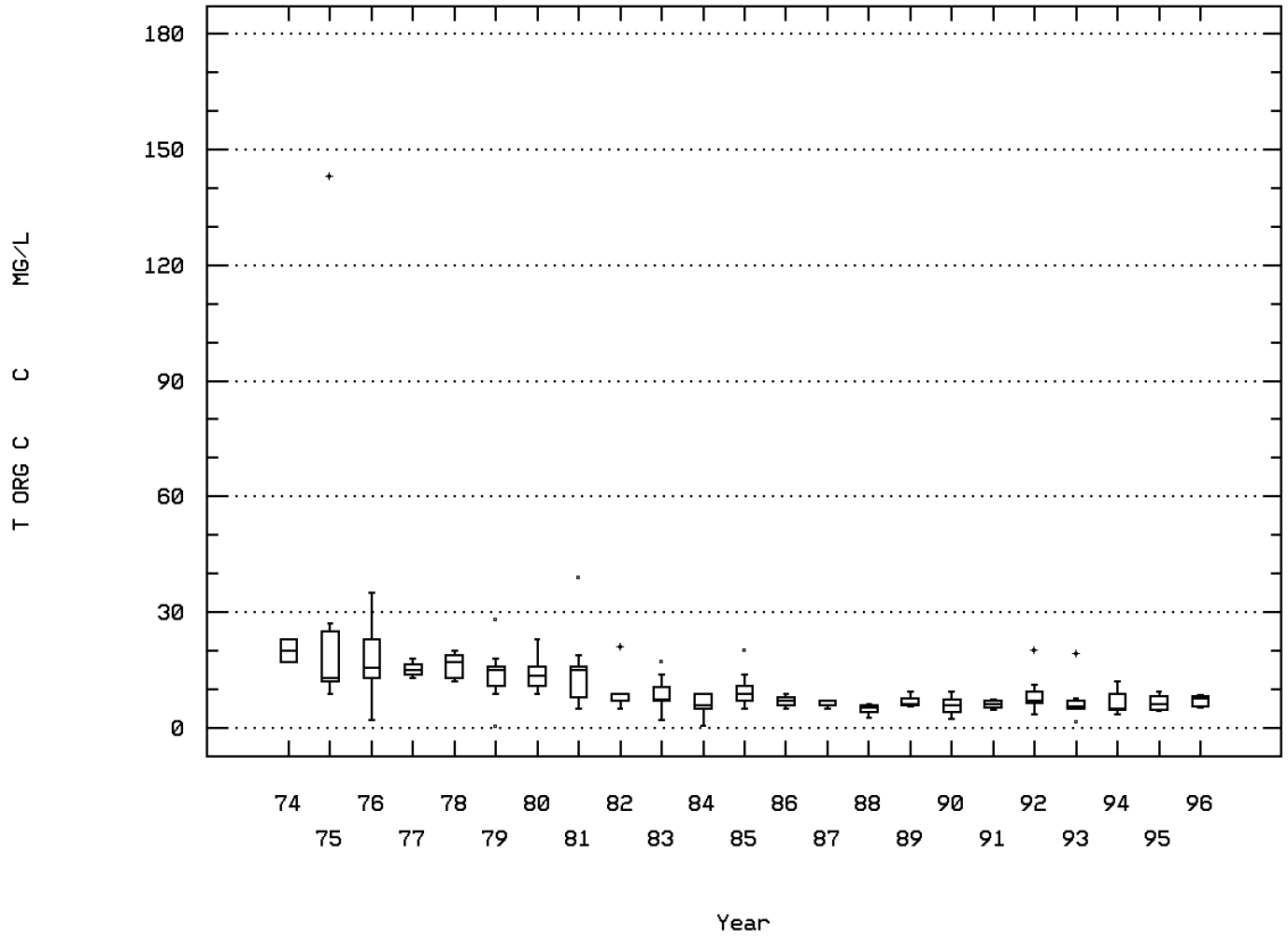
PHOSPHORUS, TOTAL (MG/L AS P)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00680

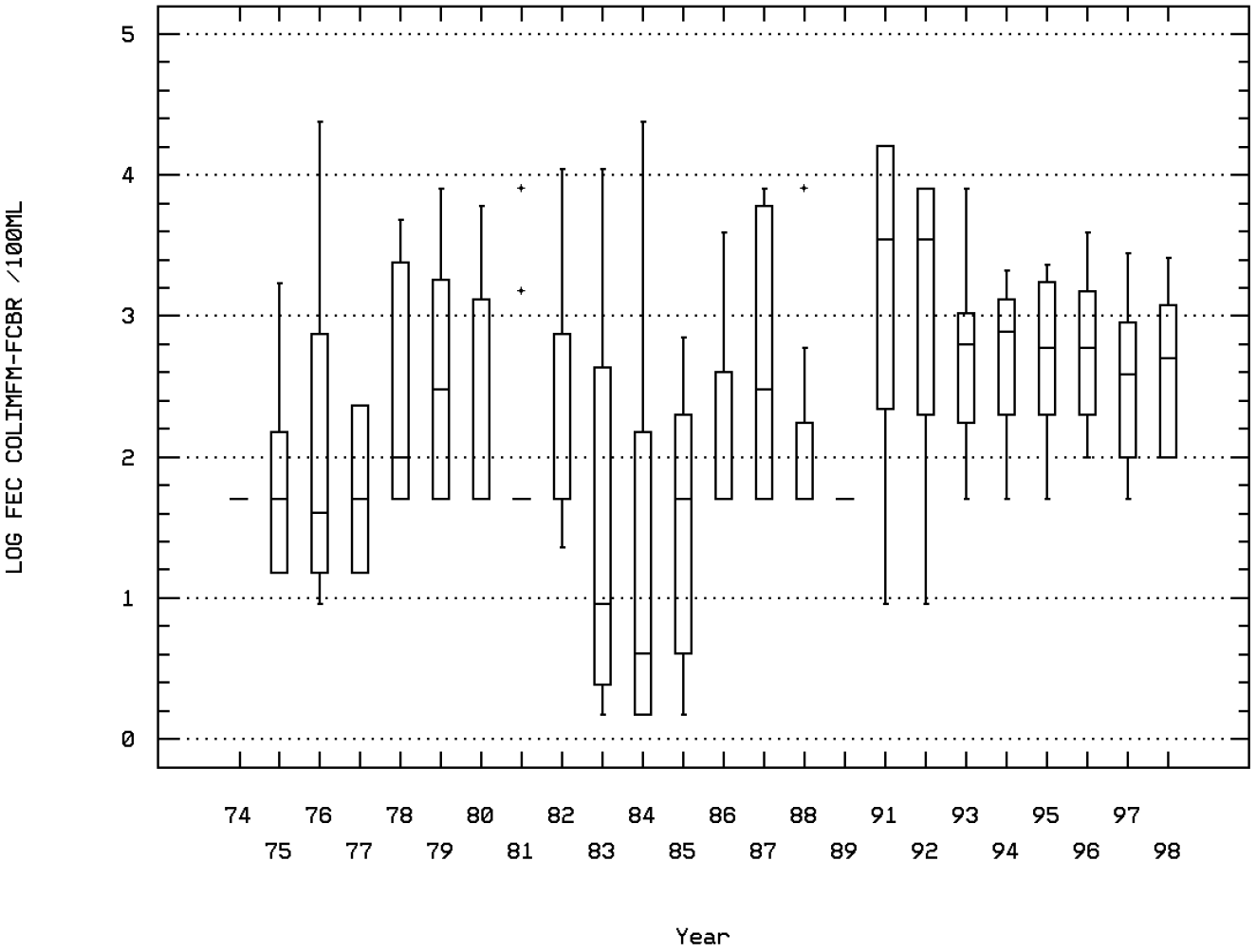
CARBON, TOTAL ORGANIC (MG/L AS C)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASHIGTON PARKWAY BRIDGE

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	71	26.	24.948	30.5	2.9	18.675	4.321	20.34	24.	27.3	28.92
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	29	10.4	11.438	24.	2.2	42.672	6.532	4.	5.25	17.5	21.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	50	563.5	551.8	1987.	73.	61567.51	248.128	313.7	437.	636.75	662.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	30	587.	561.	747.	273.	12147.862	110.217	342.9	517.	620.5	677.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	20	6.6	6.525	8.6	4.1	1.226	1.107	5.14	5.8	7.1	8.33
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	50	6.55	6.652	9.2	4.4	1.42	1.192	4.81	5.775	7.5	8.36
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	72	4.	5.644	30.	0.	25.465	5.046	1.	2.	7.	12.7
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	57	17.	18.663	41.	0.	62.389	7.899	10.	14.	24.	30.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	69	7.3	7.377	9.8	5.7	0.431	0.656	6.8	7.	7.5	8.5
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	69	7.3	6.997	9.8	5.7	0.577	0.76	6.8	7.	7.5	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	69	0.05	0.101	1.995	0.	0.059	0.243	0.003	0.032	0.1	0.158
00403p	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	52	7.5	7.45	8.1	6.8	0.091	0.301	6.93	7.3	7.7	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	52	7.5	7.337	8.1	6.8	0.104	0.322	6.93	7.3	7.7	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	52	0.032	0.046	0.158	0.008	0.002	0.039	0.016	0.02	0.05	0.118
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	52	85.	85.288	143.	32.	554.601	23.55	57.	69.25	102.75	119.7
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	45	351.	347.822	494.	101.	5772.24	75.975	229.2	322.	404.	425.6
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	45	77.	101.844	900.	25.	15875.862	125.999	44.8	59.	115.5	135.2
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	45	271.	264.889	435.	75.	3635.783	60.297	169.6	249.5	296.	324.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	72	13.	25.146	600.	1.5	4972.707	70.517	6.	8.25	20.	33.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	71	3.	6.789	100.	0.	191.312	13.832	1.5	2.	6.	11.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	72	9.	18.507	500.	1.5	3414.313	58.432	3.	6.	14.75	24.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	71	3.1	4.696	17.	0.02	20.609	4.54	0.204	0.88	8.	12.3
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	72	0.13	0.249	3.299	0.005	0.205	0.452	0.033	0.05	0.228	0.57
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	67	2.199	2.8	8.4	0.1	4.825	2.197	0.286	1.11	4.2	6.376
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	70	3.7	6.184	18.	0.8	25.782	5.078	1.11	1.675	10.25	13.81
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	60	0.1	0.352	3.9	0.05	0.483	0.695	0.05	0.1	0.2	0.88
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	39	0.08	0.34	2.7	0.01	0.363	0.603	0.03	0.04	0.45	0.9
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	67	7.3	8.784	35.	0.2	29.194	5.403	3.94	5.8	11.3	15.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	36	152.5	149.778	192.	80.	897.378	29.956	102.8	134.5	175.75	184.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	50	72.5	69.76	116.	28.	515.615	22.707	35.1	53.5	83.25	100.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	31	53.	52.581	69.	28.	111.652	10.567	34.6	47.	61.	65.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	27	8.	7.748	11.8	2.5	6.642	2.577	3.54	5.7	10.3	11.2
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	61	500.	2420.025	24000.	1.5	19307233.495	4394.	10.2	50.	2050.	8000.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	61	2.699	2.564	4.38	0.176	1.134	1.065	0.999	1.699	3.311	3.903
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			366.078								
32210p	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-07/15/97	31	13.3	15.491	62.01	0.47	204.647	14.305	1.66	3.77	21.92	35.912
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-07/15/97	30	6.81	10.516	54.84	0.26	156.629	12.515	0.8	2.583	13.013	30.759
32218p	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-06/10/97	29	5.6	7.851	35.78	0.2	75.624	8.696	0.38	1.185	10.65	21.21
32219p	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-07/15/97	30	1.345	1.359	1.92	0.8	0.06	0.244	0.99	1.238	1.543	1.663
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	23	0.4	0.572	1.4	0.	0.214	0.463	0.1	0.1	1.1	1.23
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	33	0.04	0.806	4.899	0.005	1.776	1.333	0.01	0.02	1.35	3.3

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	112	11.85	11.802	23.8	0.9	19.584	4.425	6.36	9.35	14.325	18.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	45	7.8	11.647	40.	2.1	92.811	9.634	3.16	4.7	15.45	29.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	79	524.	554.418	1705.	198.	55101.016	234.736	318.	426.	623.	758.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	41	547.	572.659	1457.	214.	58626.53	242.129	368.4	454.	609.5	786.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	32	8.3	8.481	11.1	6.4	1.214	1.102	7.06	7.9	9.1	10.
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	76	8.8	9.032	14.5	5.4	2.664	1.632	7.3	7.7	9.9	11.26
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	109	5.	6.119	38.	0.5	29.418	5.424	1.	2.5	8.	11.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	88	18.	21.722	75.	0.5	148.878	12.202	11.9	15.	25.	37.
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	108	7.2	7.143	9.7	1.5	0.539	0.734	6.6	6.9	7.4	7.71
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	108	7.2	3.533	9.7	1.5	13.688	3.7	6.6	6.9	7.4	7.71

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	108	0.063	292.912	31622.777	0.	9259195.034	3042.893	0.02	0.04	0.126	0.251
00403p	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	72	7.3	7.343	8.3	6.3	0.22	0.469	6.73	7.025	7.7	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	72	7.3	7.119	8.3	6.3	0.271	0.52	6.73	7.025	7.7	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	72	0.05	0.076	0.501	0.005	0.007	0.086	0.008	0.02	0.095	0.187
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	71	69.	74.493	177.	26.	940.425	30.666	37.2	49.	92.	122.4
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	67	318.	330.015	820.	153.	11909.621	109.131	229.	270.	342.	436.8
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	67	63.	66.836	132.	23.	578.442	24.051	40.4	53.	78.	110.4
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	67	243.	262.731	747.	119.	11453.26	107.02	178.8	210.	274.	368.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	112	11.	22.987	290.	1.5	1471.826	38.364	2.5	7.	24.75	49.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	112	4.	6.455	48.	0.	58.381	7.641	1.5	2.	8.	16.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	111	8.	16.721	242.	0.	1092.649	33.055	2.	3.	14.	34.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	109	4.85	5.663	17.6	0.02	22.759	4.771	0.39	1.3	8.5	13.5
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	110	0.12	0.203	2.2	0.005	0.094	0.306	0.02	0.05	0.203	0.468
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	95	2.4	3.155	14.8	0.26	6.852	2.618	0.676	1.18	4.5	7.188
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	109	6.1	7.138	21.6	0.6	28.028	5.294	1.1	2.05	11.695	15.39
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	88	0.1	0.535	3.4	0.04	0.725	0.851	0.05	0.063	0.5	1.81
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	60	0.19	0.634	3.	0.005	0.761	0.872	0.011	0.03	1.2	2.405
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	97	8.	10.839	39.	1.4	50.883	7.133	4.98	5.75	15.5	20.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	53	136.	130.943	200.	58.	1036.824	32.2	87.6	106.	154.	169.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	71	68.	85.958	486.	19.	7295.727	85.415	32.4	50.	85.	111.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	46	45.	46.109	74.	19.	133.477	11.553	33.	38.75	53.	63.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	33	8.1	8.215	13.2	3.7	6.289	2.508	4.7	6.2	10.3	11.42
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	98	50.	820.857	16000.	1.5	4653373.454	2157.168	15.	50.	500.	2170.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	98	1.699	2.12	4.204	0.176	0.725	0.851	1.176	1.699	2.699	3.335
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			131.823								
32210p	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-07/15/97	2	3.32	3.32	3.69	2.95	0.274	0.523	**	**	**	**
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-07/15/97	2	1.88	1.88	1.96	1.8	0.013	0.113	**	**	**	**
32218p	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-06/10/97	2	2.48	2.48	3.12	1.84	0.819	0.905	**	**	**	**
32219p	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-07/15/97	2	1.31	1.31	1.35	1.27	0.003	0.057	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	35	0.3	0.496	2.5	0.	0.323	0.568	0.	0.1	0.7	1.5
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	50	0.06	0.838	4.199	0.005	1.204	1.097	0.02	0.02	1.799	2.444

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0002

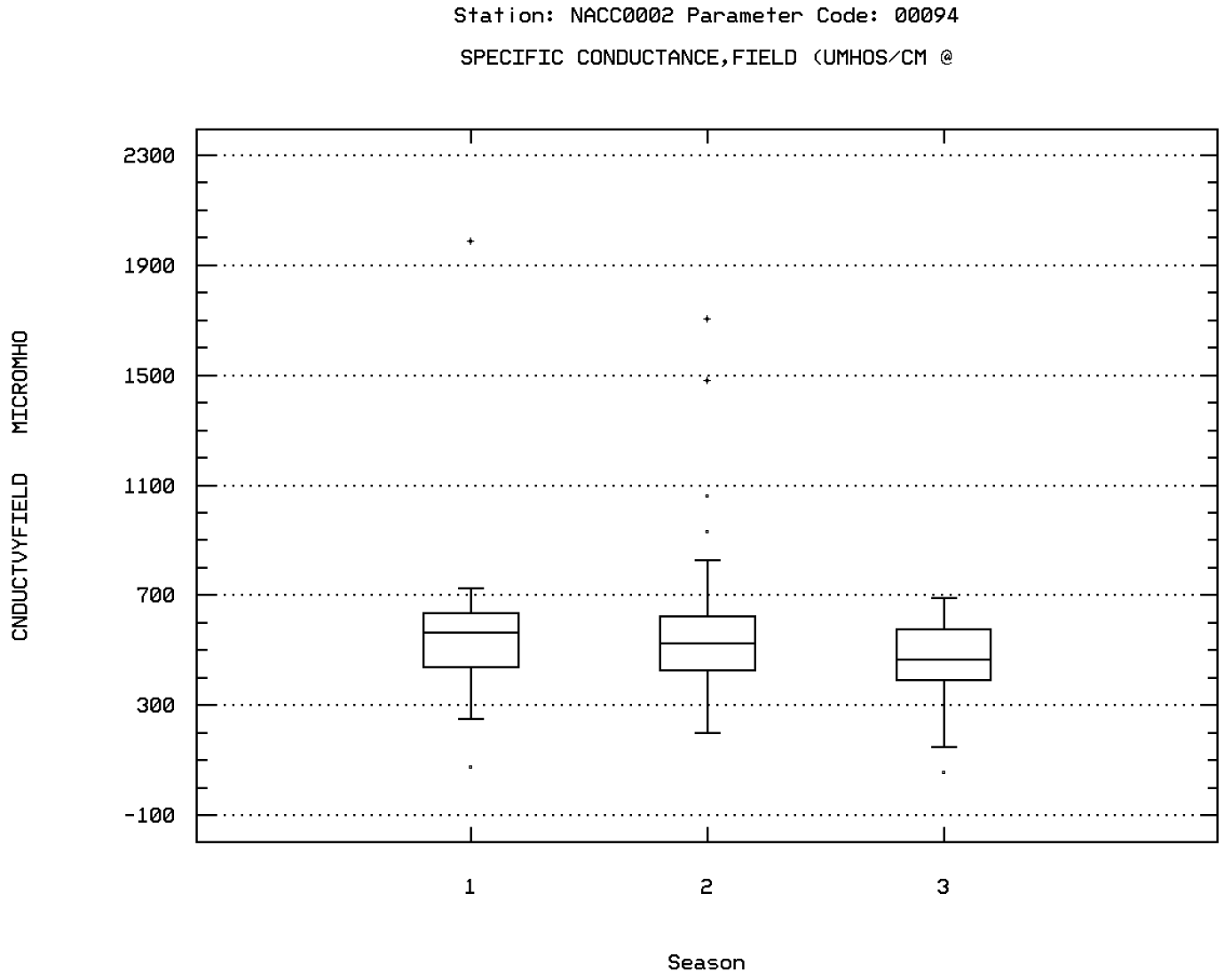
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-08/04/98	70	20.25	20.5	32.9	12.4	21.923	4.682	13.71	17.5	24.5	26.09
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/15/82-04/14/92	26	10.2	12.362	53.	2.6	114.624	10.706	2.88	6.575	13.325	27.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/79-08/04/98	50	464.	464.7	689.	55.	18247.031	135.082	316.9	389.	578.75	632.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/89-08/04/98	27	507.	487.704	709.	220.	12880.601	113.493	333.	394.	593.	615.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/03/91-08/04/98	21	7.1	7.233	10.4	5.5	1.791	1.338	5.62	6.15	7.9	9.66
00300p	OXYGEN, DISSOLVED MG/L	09/19/74-11/05/91	46	7.8	7.774	10.8	4.8	2.316	1.522	5.47	6.775	8.825	9.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/19/74-08/04/98	69	4.	7.672	108.	1.	177.349	13.317	2.	3.	7.5	15.
00340p	COD, .25N K2CR2O7 MG/L	04/18/75-06/02/98	54	18.	24.574	335.	2.	1908.136	43.682	9.5	14.	23.	31.5
00400p	PH (STANDARD UNITS)	09/19/74-08/04/98	65	7.2	7.205	8.23	6.4	0.143	0.378	6.7	6.9	7.4	7.74
00400p	CONVERTED PH (STANDARD UNITS)	09/19/74-08/04/98	65	7.2	7.056	8.23	6.4	0.165	0.407	6.7	6.9	7.4	7.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-08/04/98	65	0.063	0.088	0.398	0.006	0.006	0.075	0.018	0.04	0.126	0.2
00403p	PH, LAB, STANDARD UNITS SU	04/18/75-08/04/98	49	7.4	7.382	8.3	6.5	0.143	0.378	6.8	7.1	7.65	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/18/75-08/04/98	49	7.4	7.219	8.3	6.5	0.17	0.412	6.8	7.1	7.65	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/75-08/04/98	49	0.04	0.06	0.316	0.005	0.004	0.06	0.013	0.023	0.079	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/75-08/04/98	49	75.	77.49	147.	28.	831.63	28.838	37.	55.5	96.5	114.
00500p	RESIDUE, TOTAL (MG/L)	09/19/74-08/04/98	42	294.	311.81	876.	167.	10988.792	104.827	229.9	258.25	330.	393.5
00505p	RESIDUE, TOTAL VOLATILE (MG/L)	09/19/74-08/04/98	42	71.5	88.048	513.	36.	6439.315	80.245	47.2	59.5	85.5	111.2
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/19/74-08/04/98	42	219.5	223.774	363.	0.5	3981.271	63.097	162.2	190.5	265.5	303.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/19/74-08/04/98	69	13.	26.145	400.	3.	2585.89	50.852	6.	9.	24.	52.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/19/74-08/04/98	70	4.5	9.236	220.	1.	689.433	26.257	1.5	3.	8.	12.

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/19/74-08/04/98	70	9.	17.786	180.	0.	779.149	27.913	3.	5.	18.25	40.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/74-08/04/98	69	5.	5.99	16.	0.02	20.352	4.511	0.6	2.055	9.5	13.
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	70	0.13	0.289	2.399	0.005	0.209	0.458	0.03	0.07	0.298	0.623
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/74-08/04/98	62	1.545	2.184	9.2	0.18	3.653	1.911	0.403	0.712	2.928	5.352
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/74-08/04/98	69	7.2	8.099	20.	0.7	31.692	5.63	1.5	2.75	13.	17.
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/02/79-08/04/98	56	0.1	0.377	2.4	0.05	0.335	0.579	0.05	0.1	0.2	1.53
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/79-04/14/92	36	0.115	0.456	2.	0.01	0.411	0.641	0.027	0.033	0.778	1.66
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	09/19/74-08/06/96	64	9.	11.516	143.	2.7	297.057	17.235	5.	6.025	13.	16.5
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/77-06/02/98	29	121.	113.069	168.	22.	1126.709	33.566	77.	85.	139.	146.
00940p	CHLORIDE,TOTAL IN WATER MG/L	04/18/75-08/04/98	47	54.	54.851	97.	7.	541.738	23.275	19.	39.	76.	83.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/09/88-08/04/98	29	40.	38.897	52.	25.	52.025	7.213	29.	33.5	44.	49.
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/09/83-01/05/93	25	8.5	7.828	11.6	1.1	7.808	2.794	3.4	5.75	9.65	11.36
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	59	200.	1337.534	24000.	1.5	11979033.835	3461.074	9.	50.	1300.	4200.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/74-08/04/98	59	2.301	2.279	4.38	0.176	0.892	0.944	0.954	1.699	3.114	3.623
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			190.134								
32210p	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/11/81-07/15/97	27	18.8	37.839	298.14	1.71	3793.79	61.594	4.69	9.61	32.6	104.096
32211p	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-07/15/97	27	9.34	21.121	200.58	0.01	1648.107	40.597	0.36	2.84	23.83	56.174
32218p	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/11/81-06/10/97	27	13.78	27.745	151.49	0.76	1259.291	35.486	1.2	7.79	35.62	76.474
32219p	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	06/11/81-07/15/97	27	1.26	1.273	1.62	0.99	0.026	0.163	1.066	1.16	1.38	1.5
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/19/74-03/14/88	23	0.3	0.455	2.1	0.	0.271	0.52	0.	0.07	0.7	1.22
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/19/74-08/04/98	34	0.045	1.13	6.399	0.005	2.502	1.582	0.02	0.02	2.075	3.45

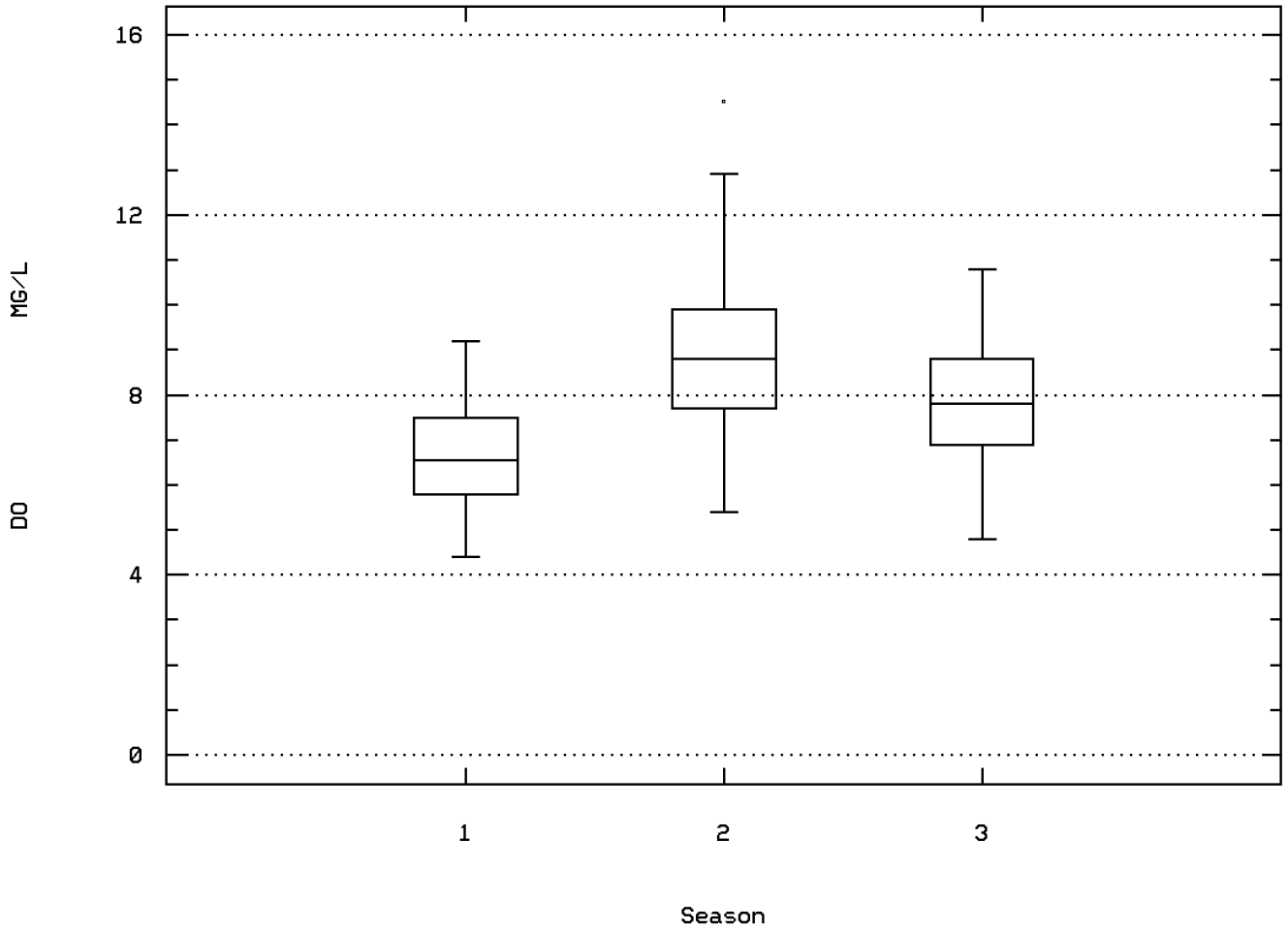
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00300

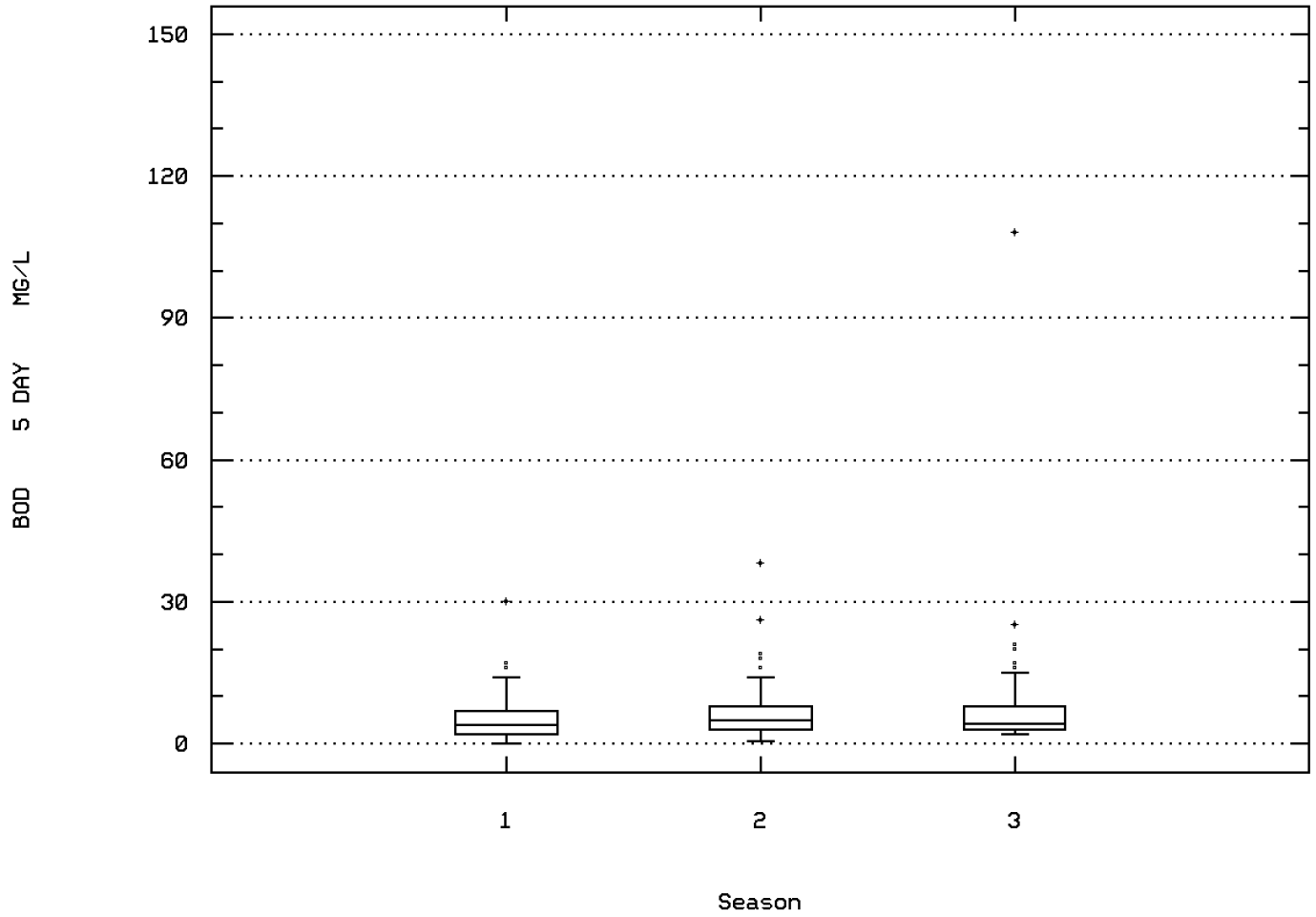
OXYGEN, DISSOLVED



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00310

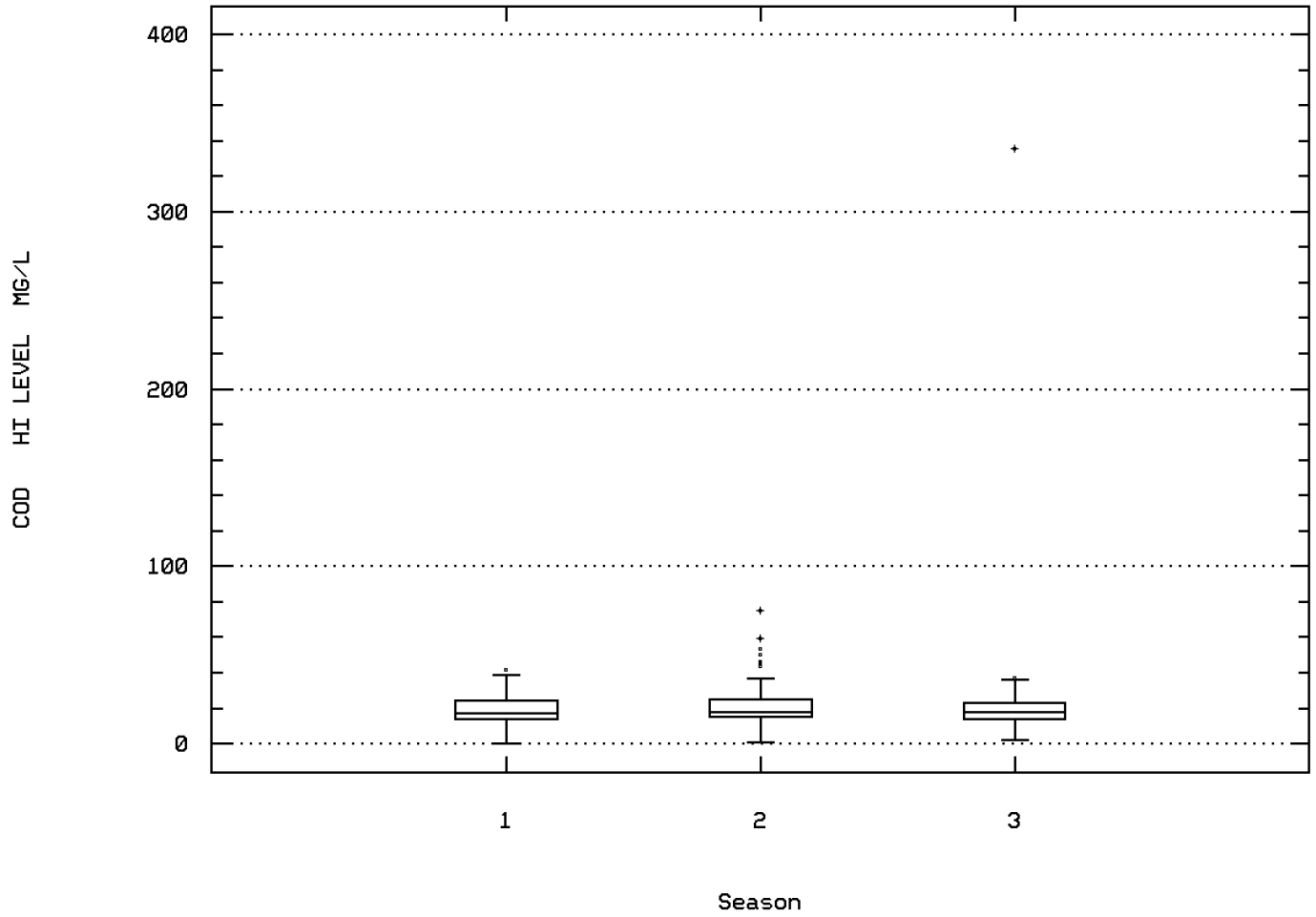
BOD, 5 DAY, 20 DEG C



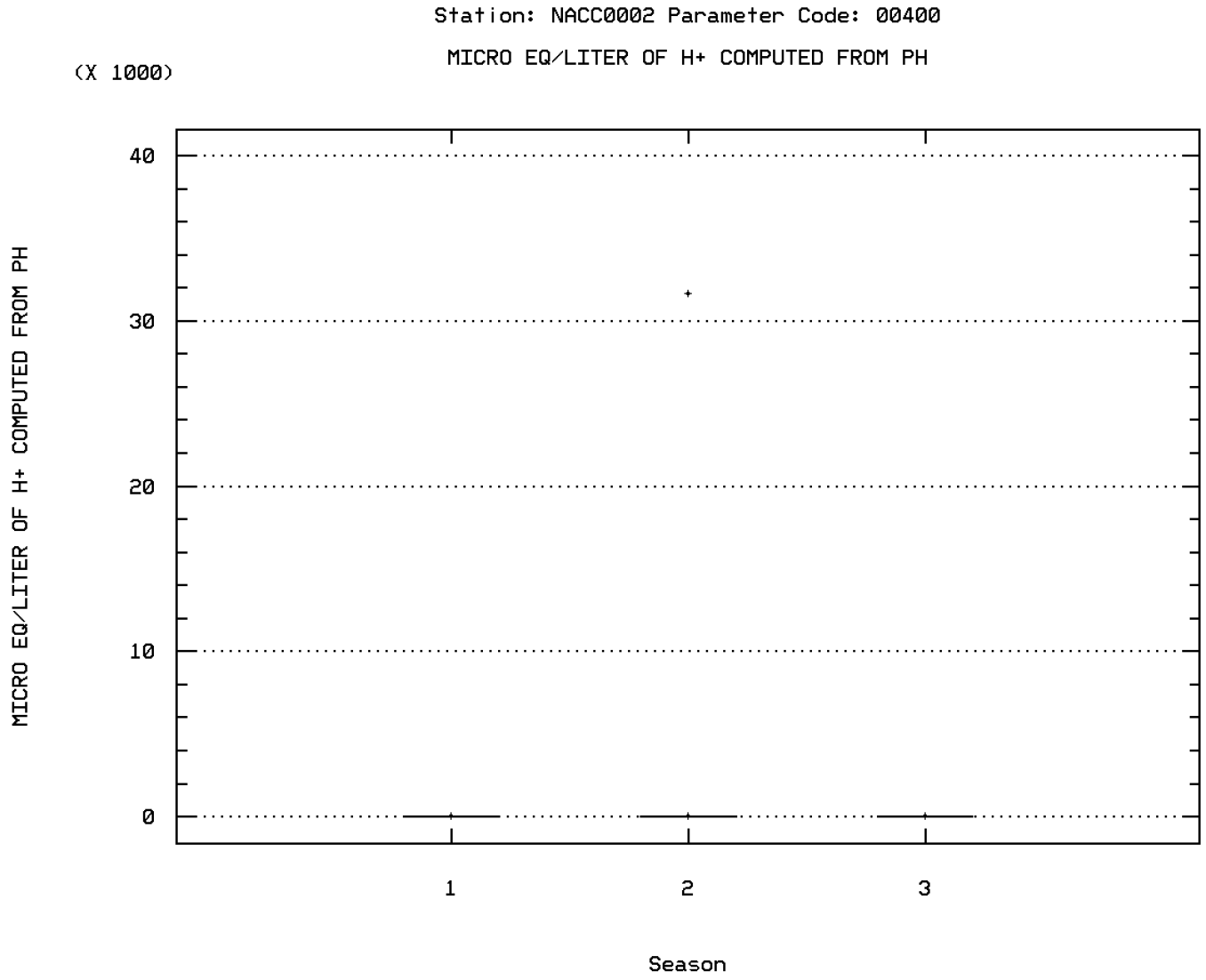
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00340

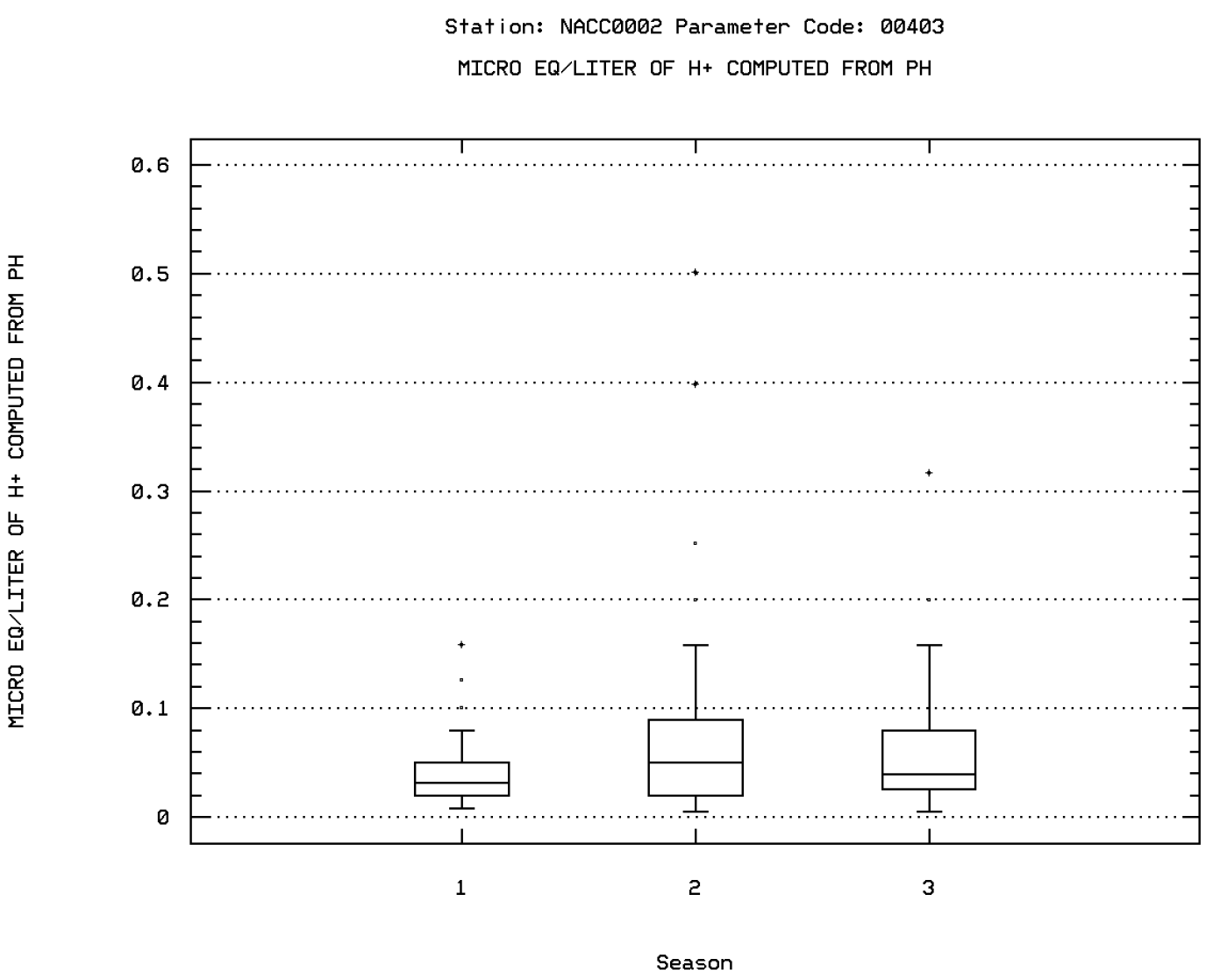
COD, .25N K2CR2O7



GEORGE WASHIGTON PARKWAY BRIDGE



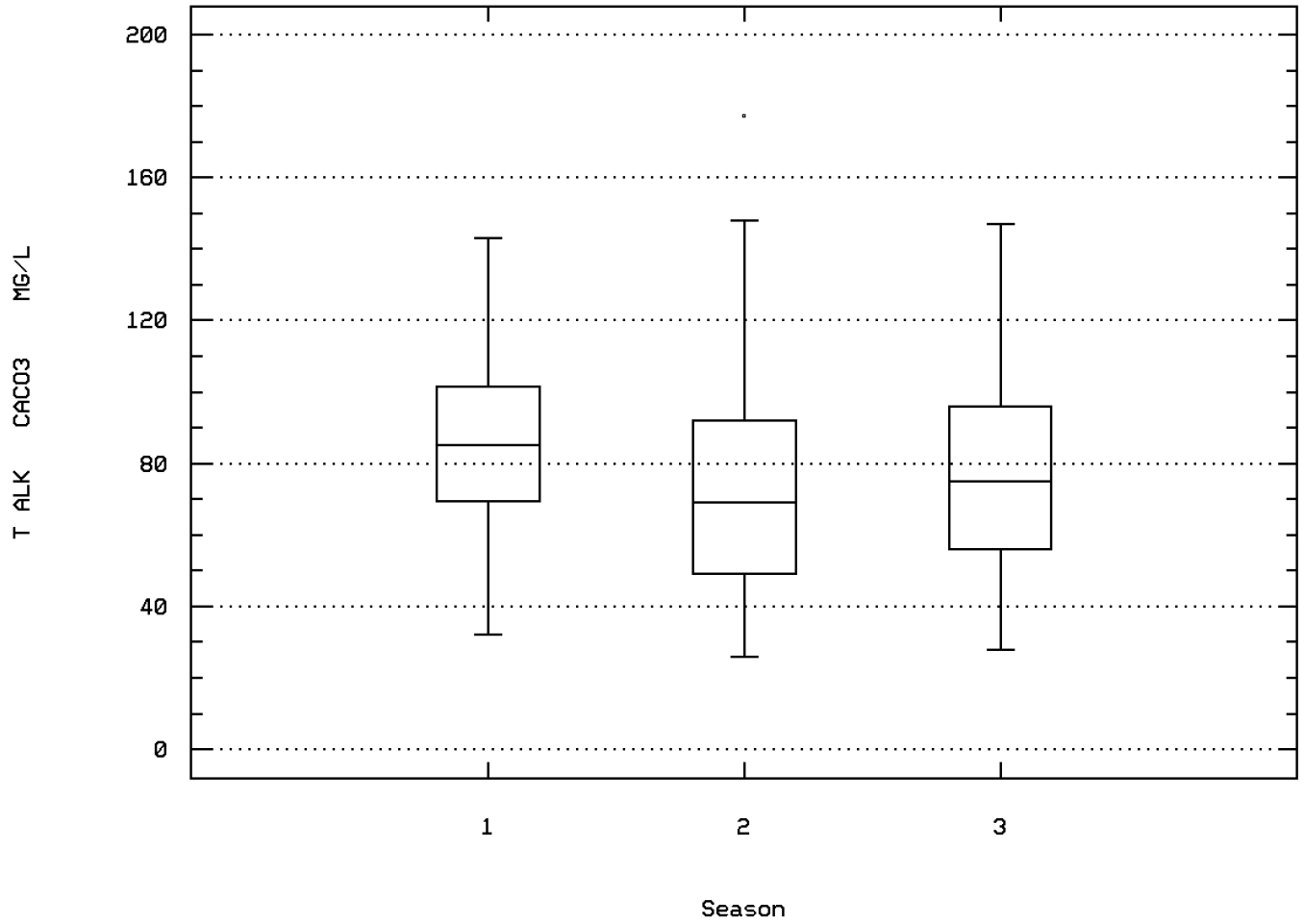
GEORGE WASHIGTON PARKWAY BRIDGE



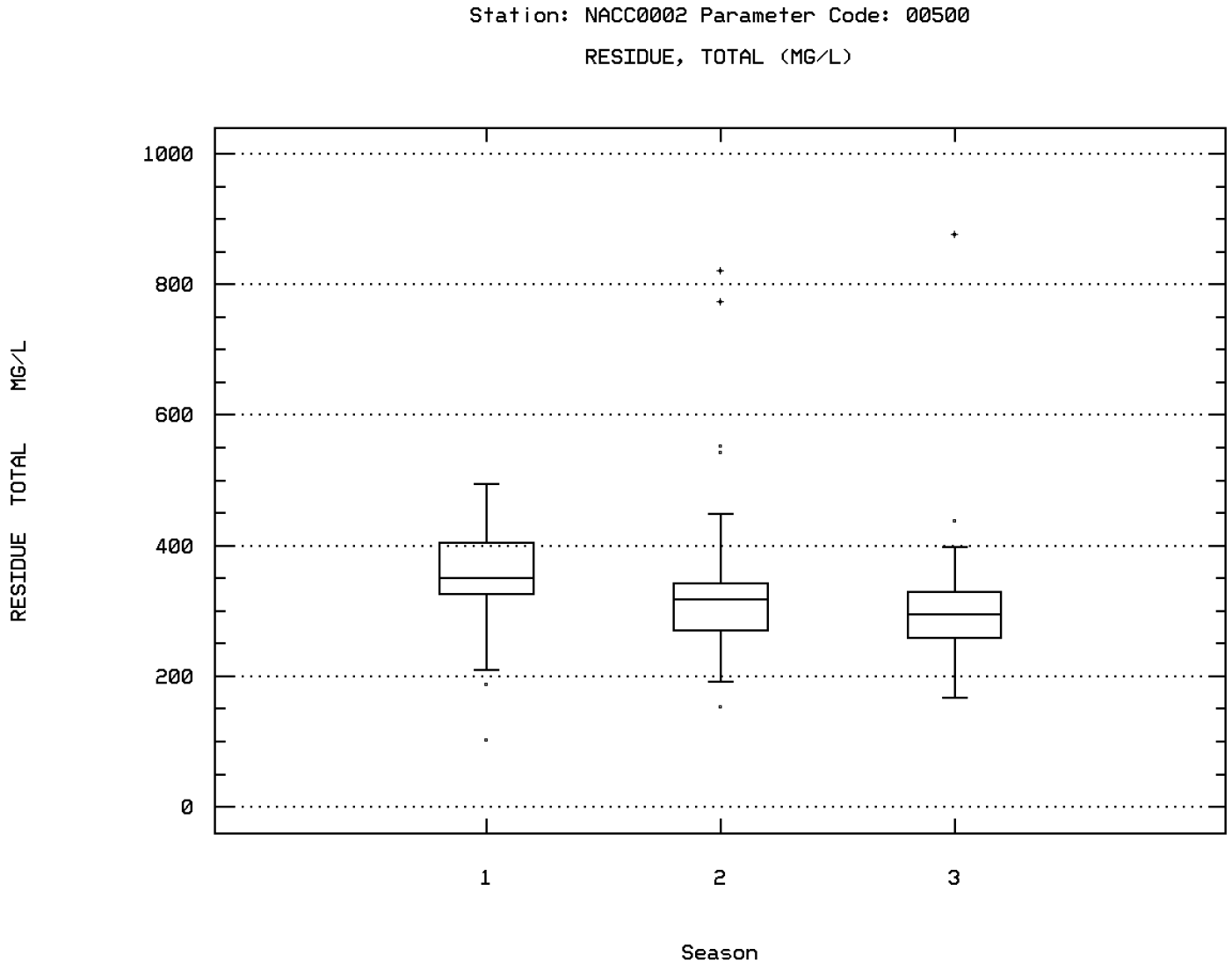
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



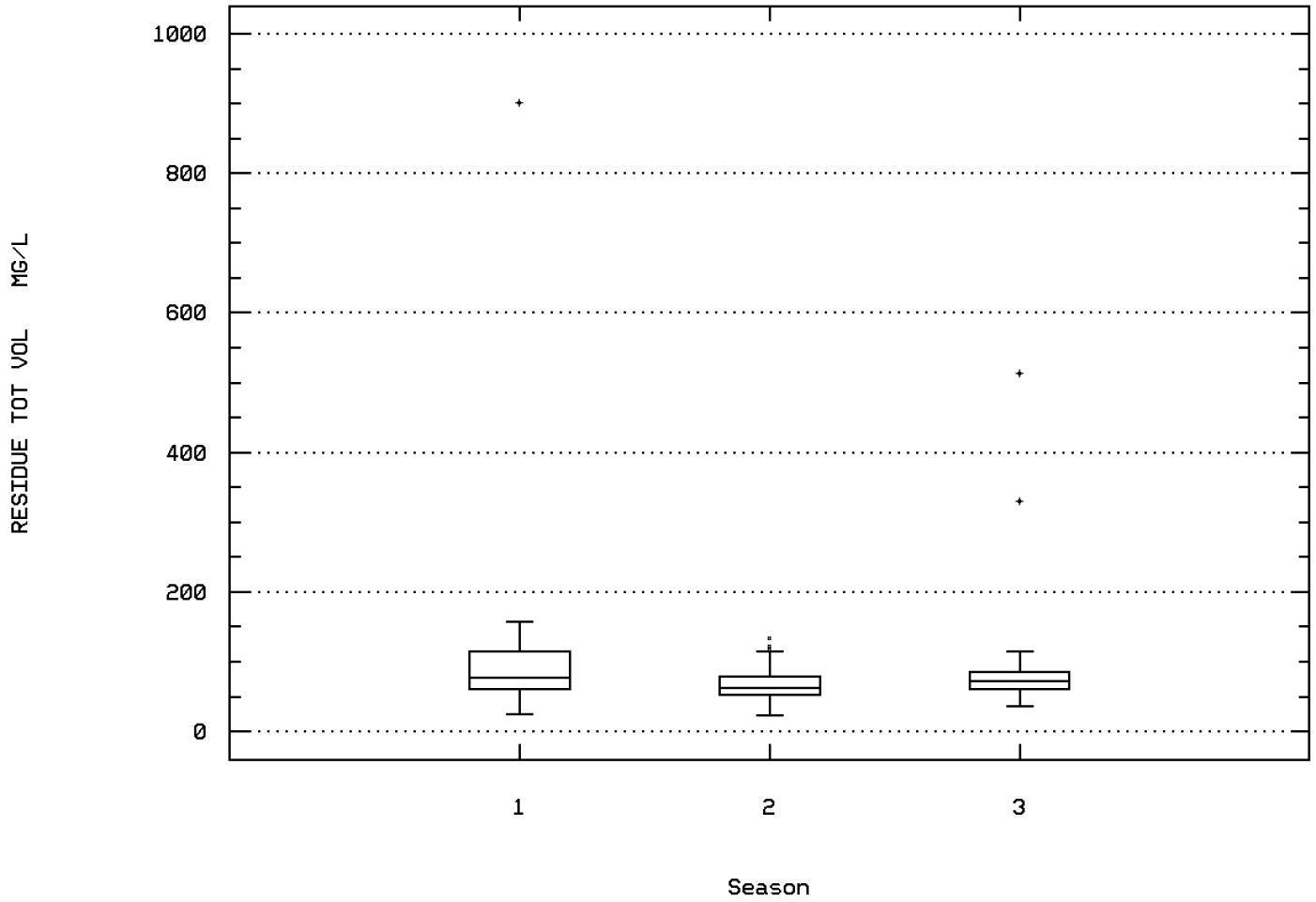
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00505

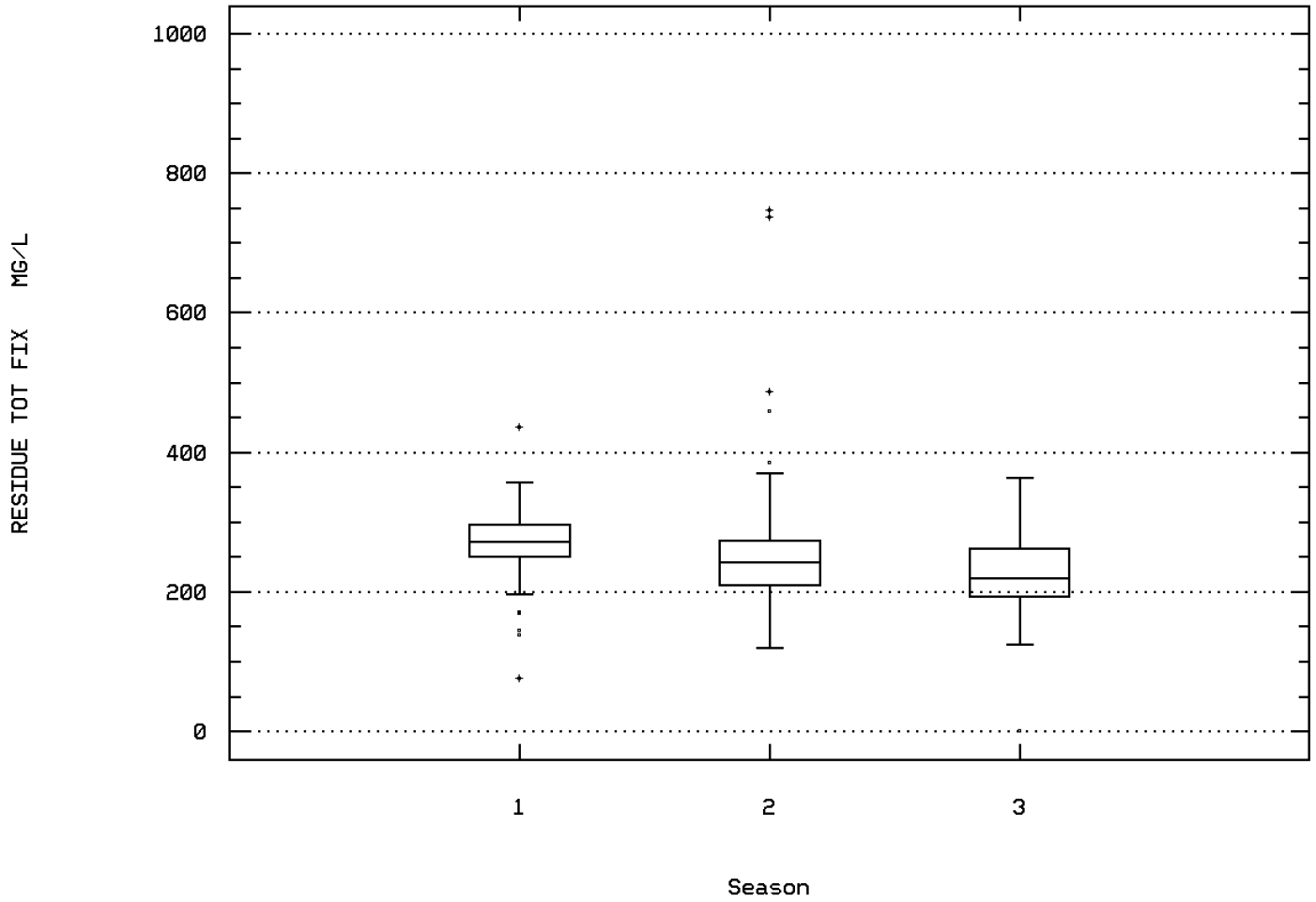
RESIDUE, TOTAL VOLATILE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00510

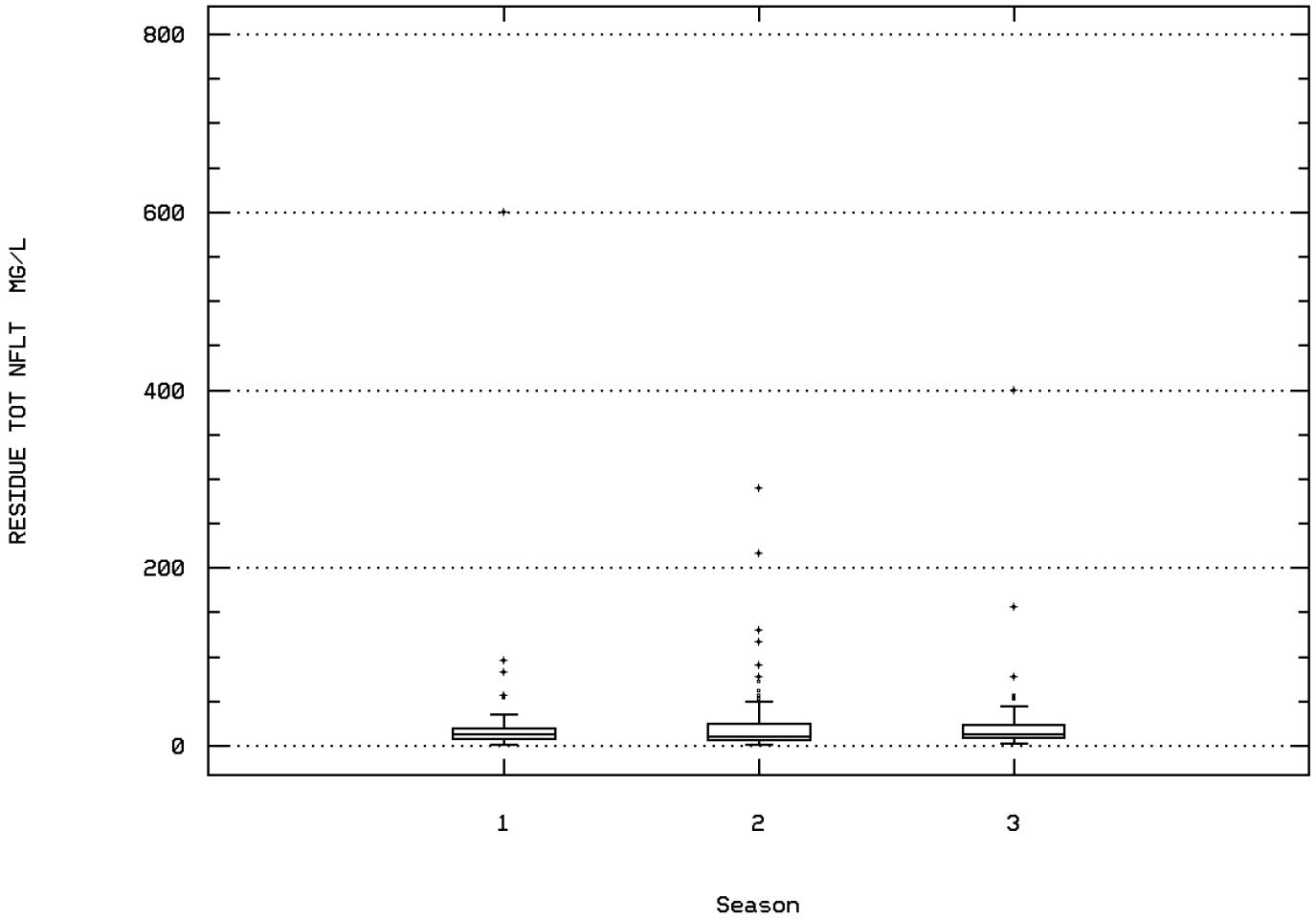
RESIDUE, TOTAL FIXED (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00530

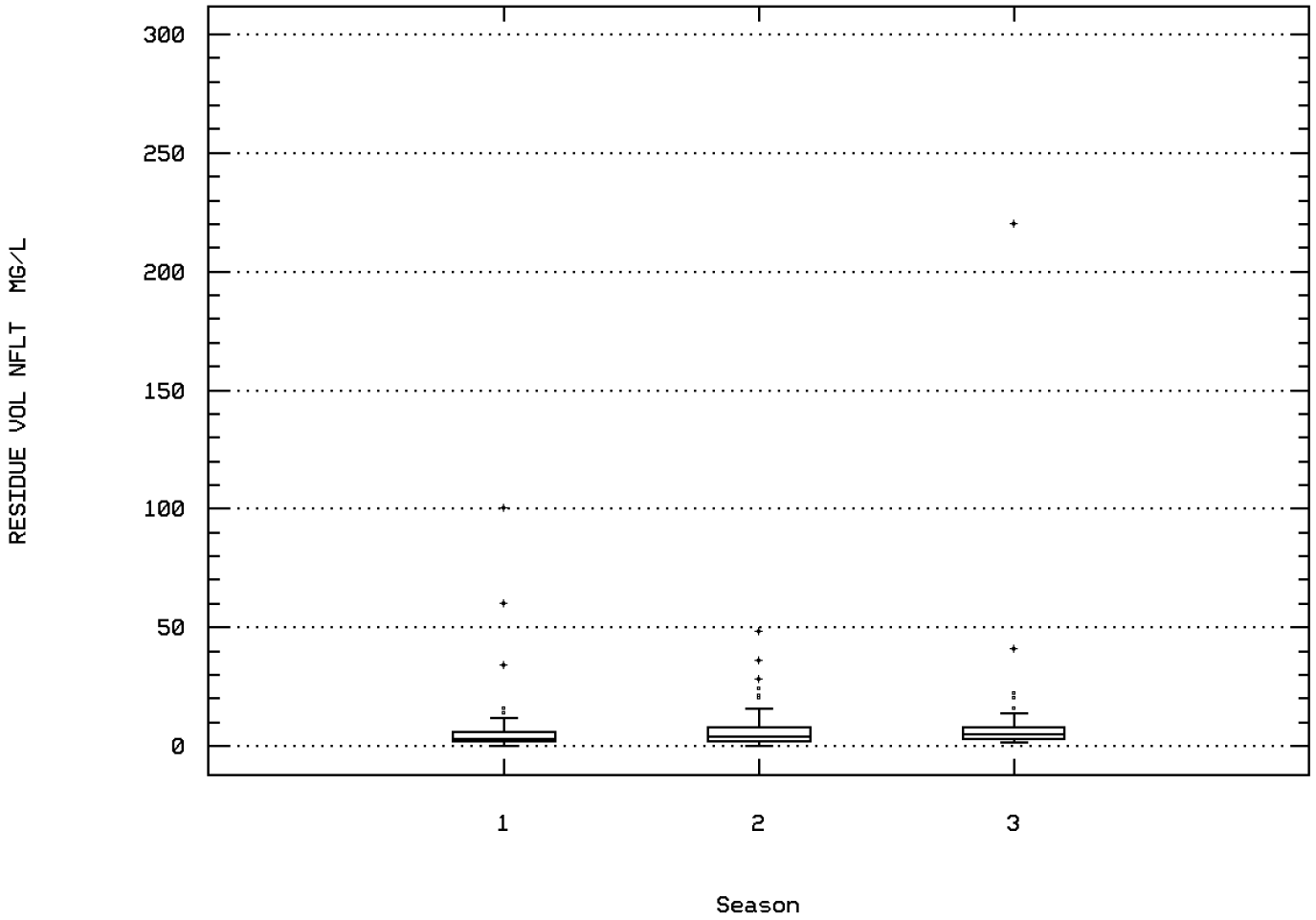
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00535

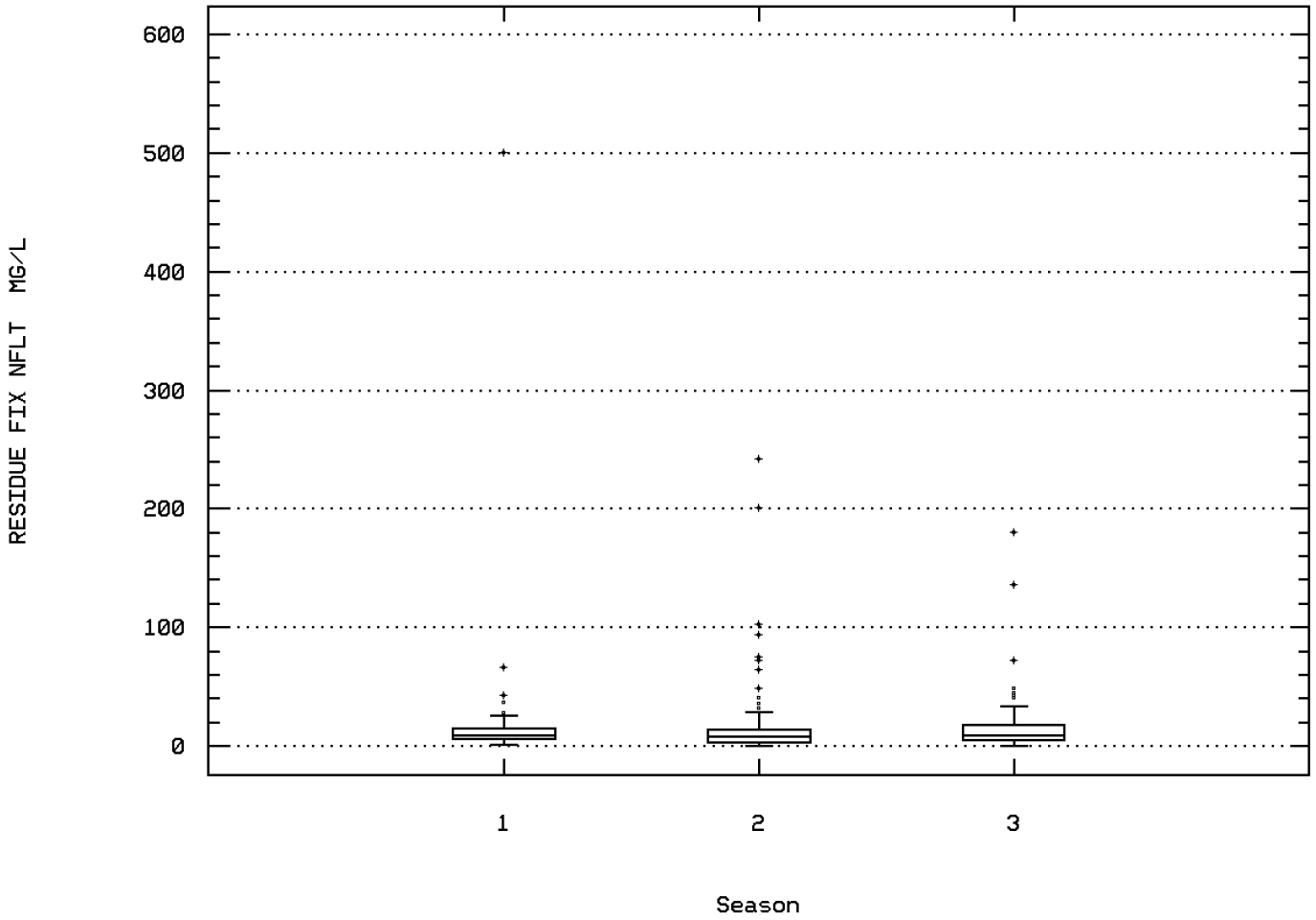
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00540

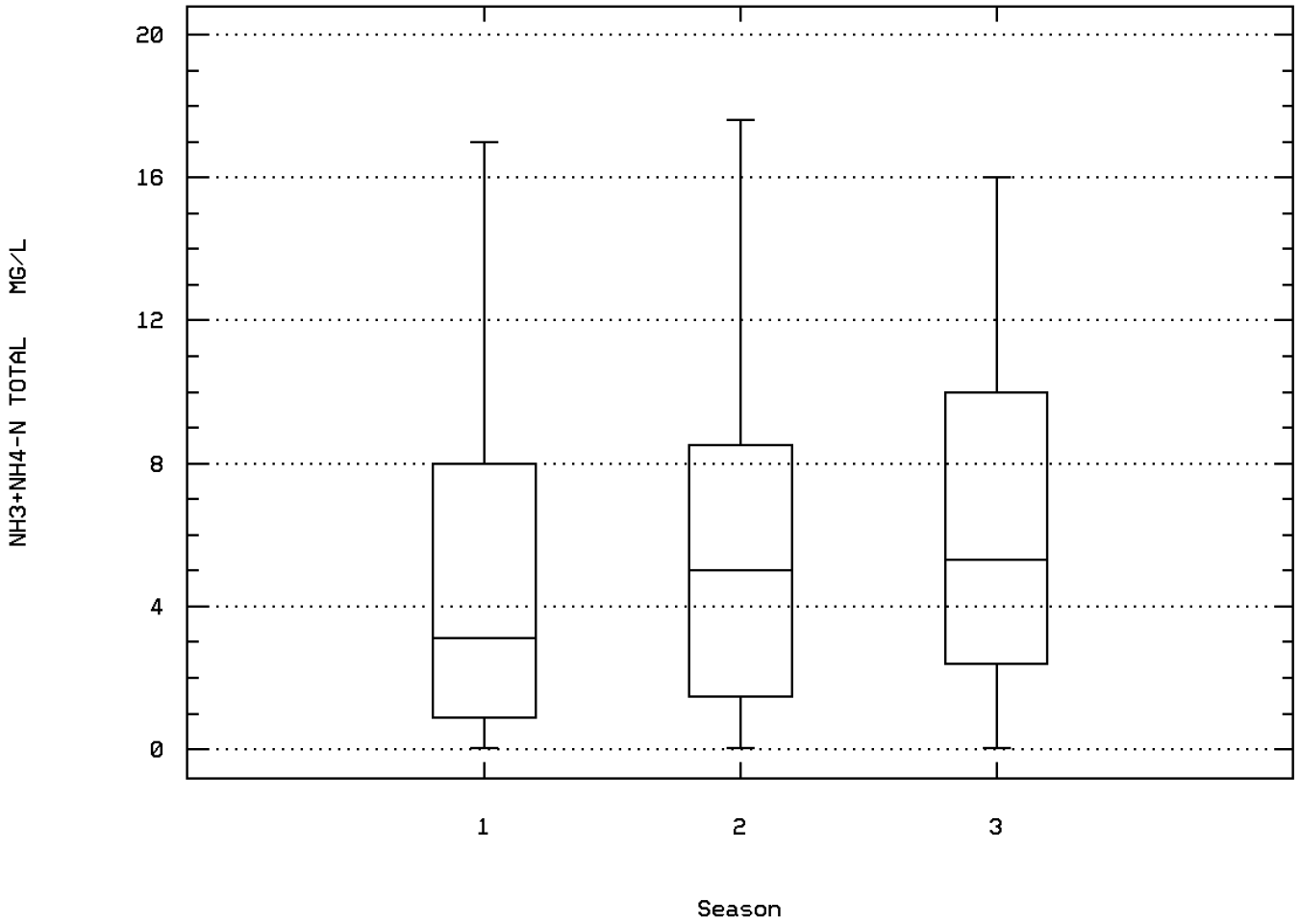
RESIDUE, FIXED NONFILTRABLE (MG/L)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00610

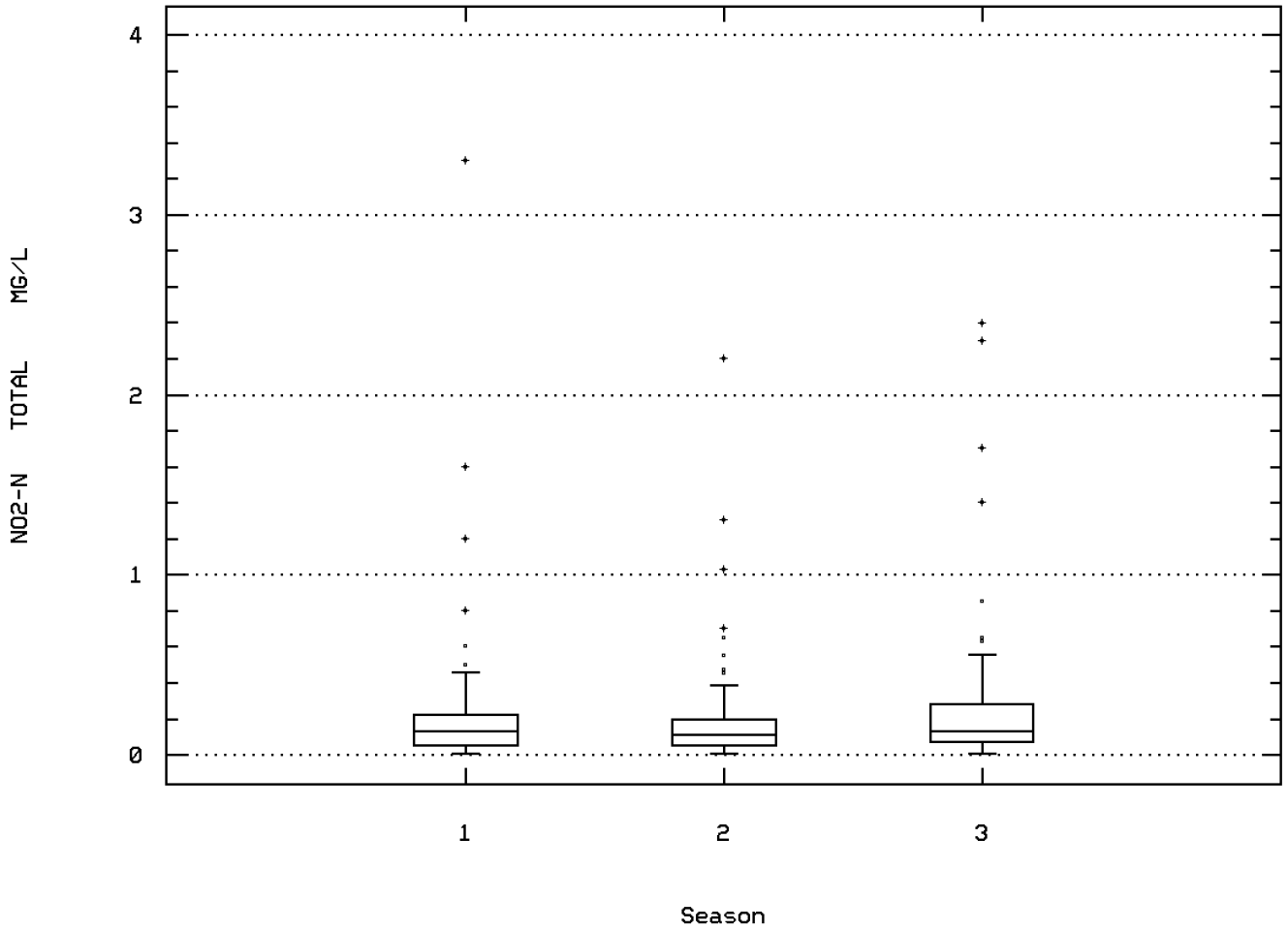
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00615

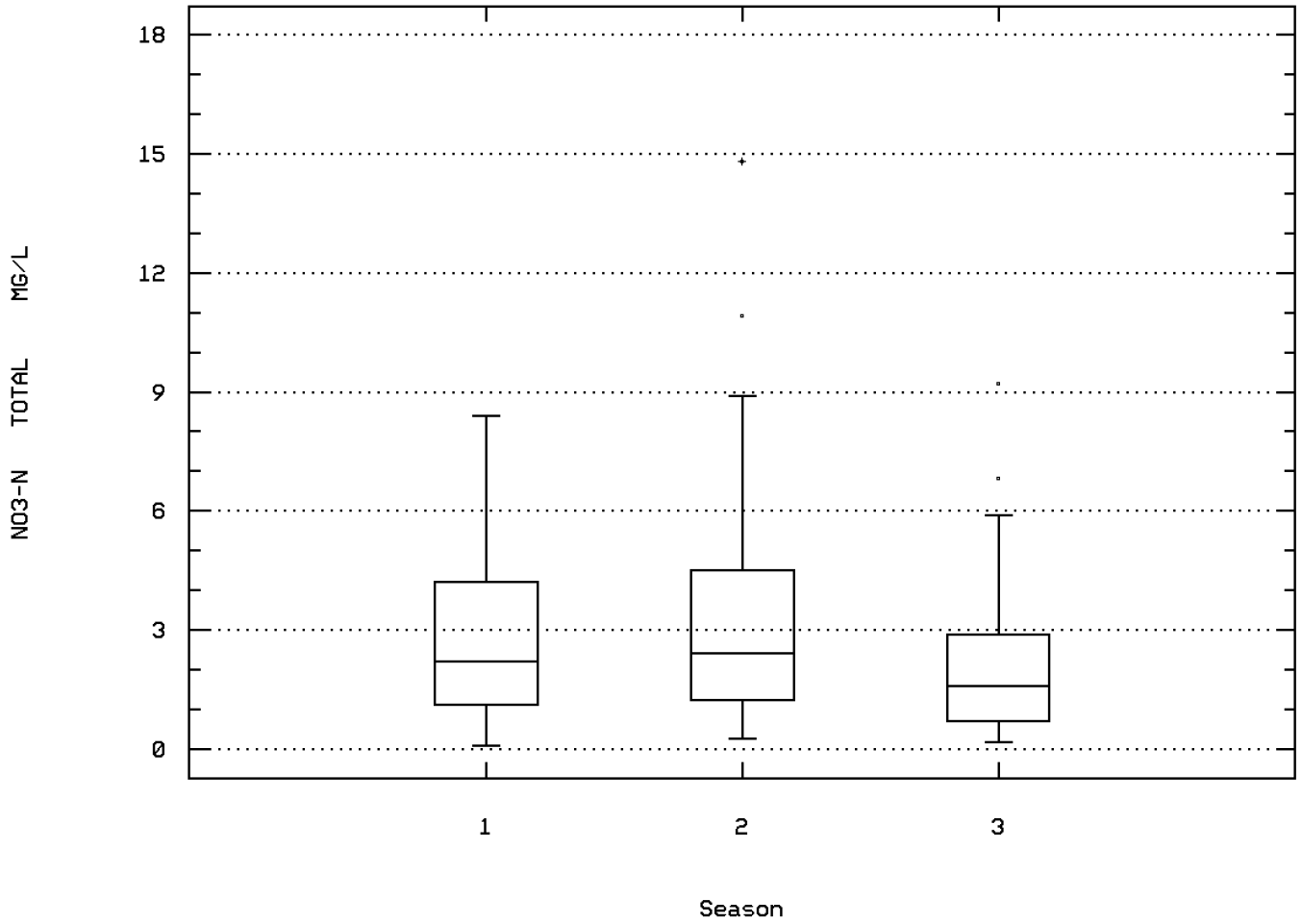
NITRITE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00620

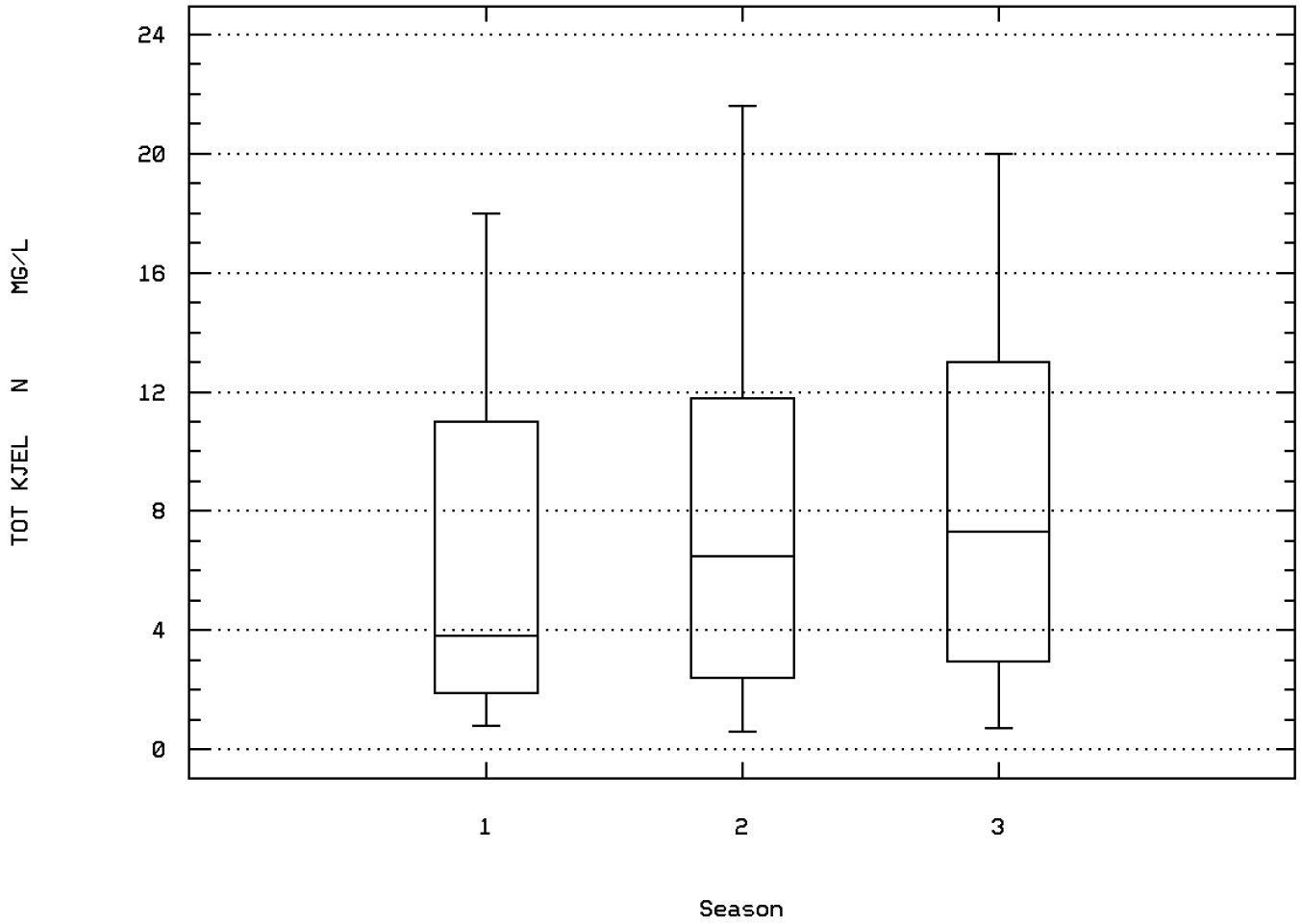
NITRATE NITROGEN, TOTAL (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00625

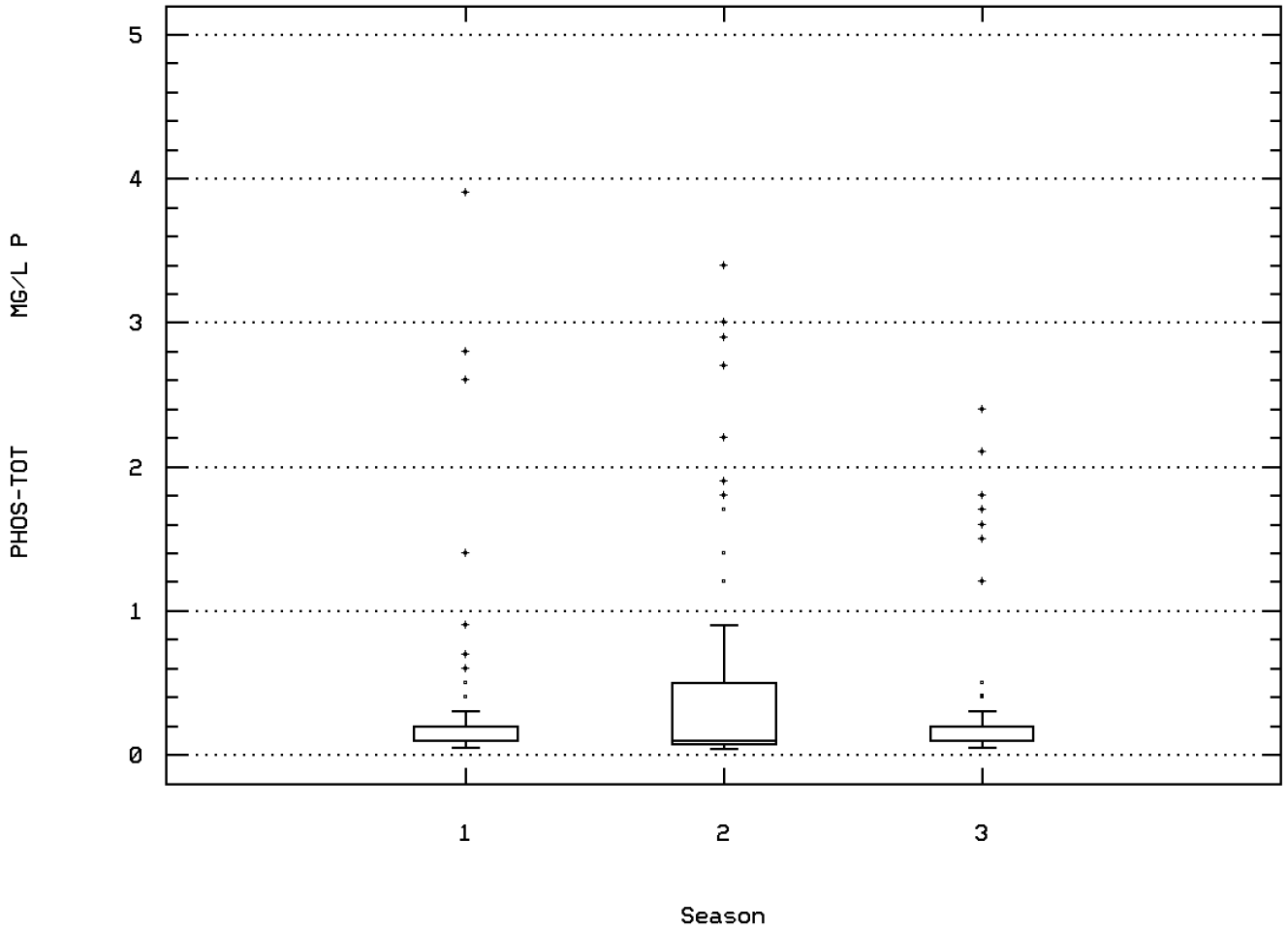
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00665

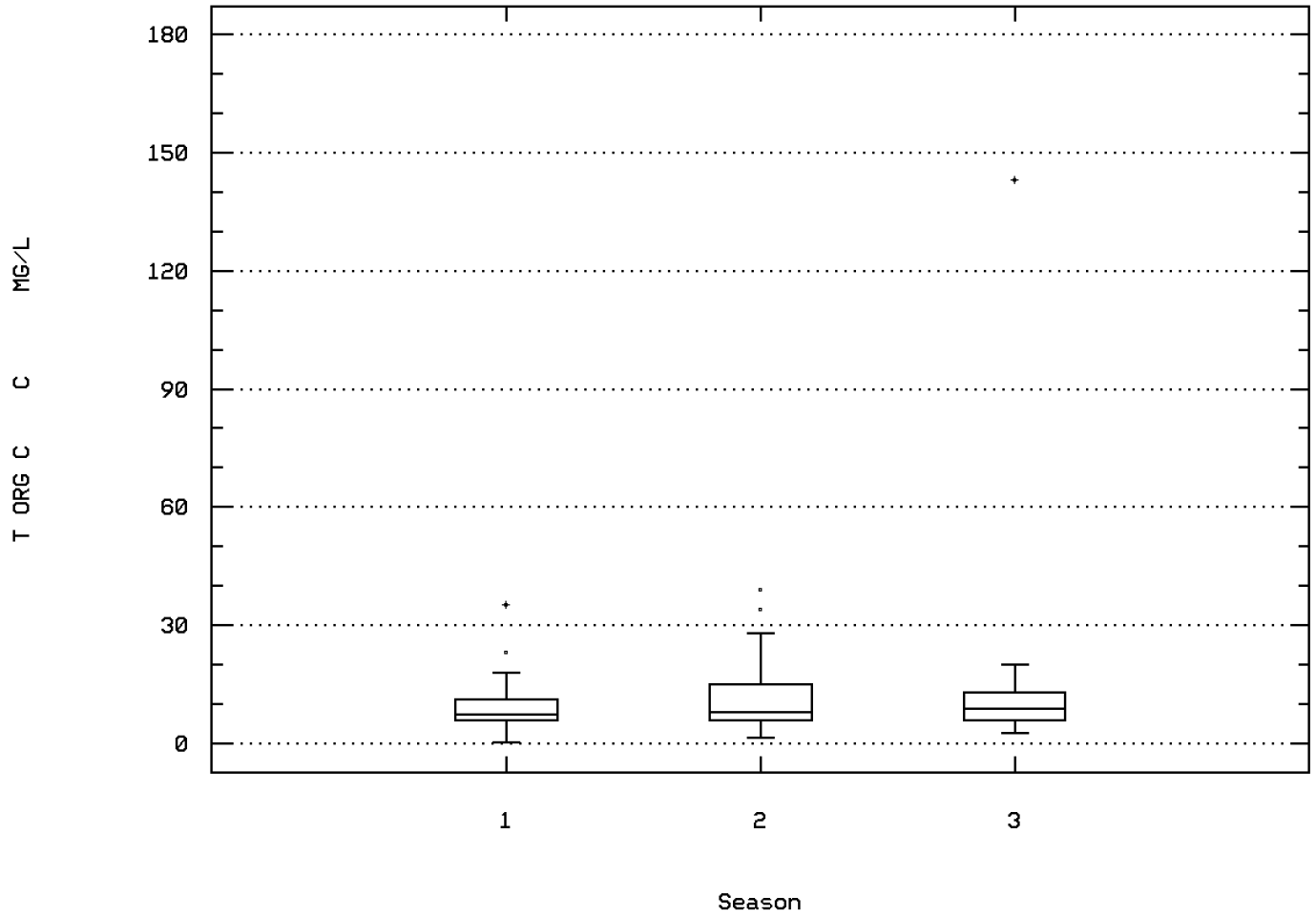
PHOSPHORUS, TOTAL (MG/L AS P)



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00680

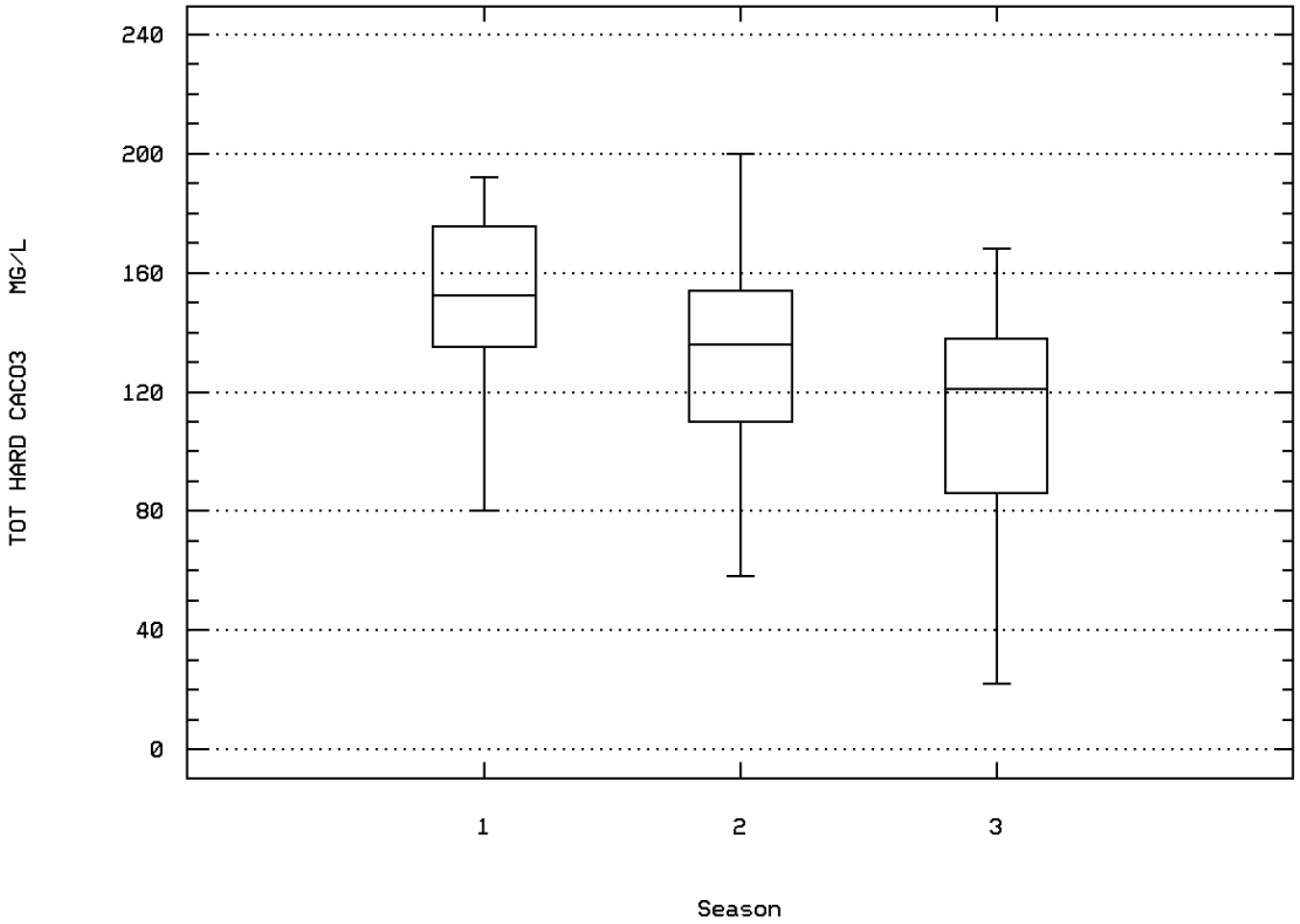
CARBON, TOTAL ORGANIC (MG/L AS C)



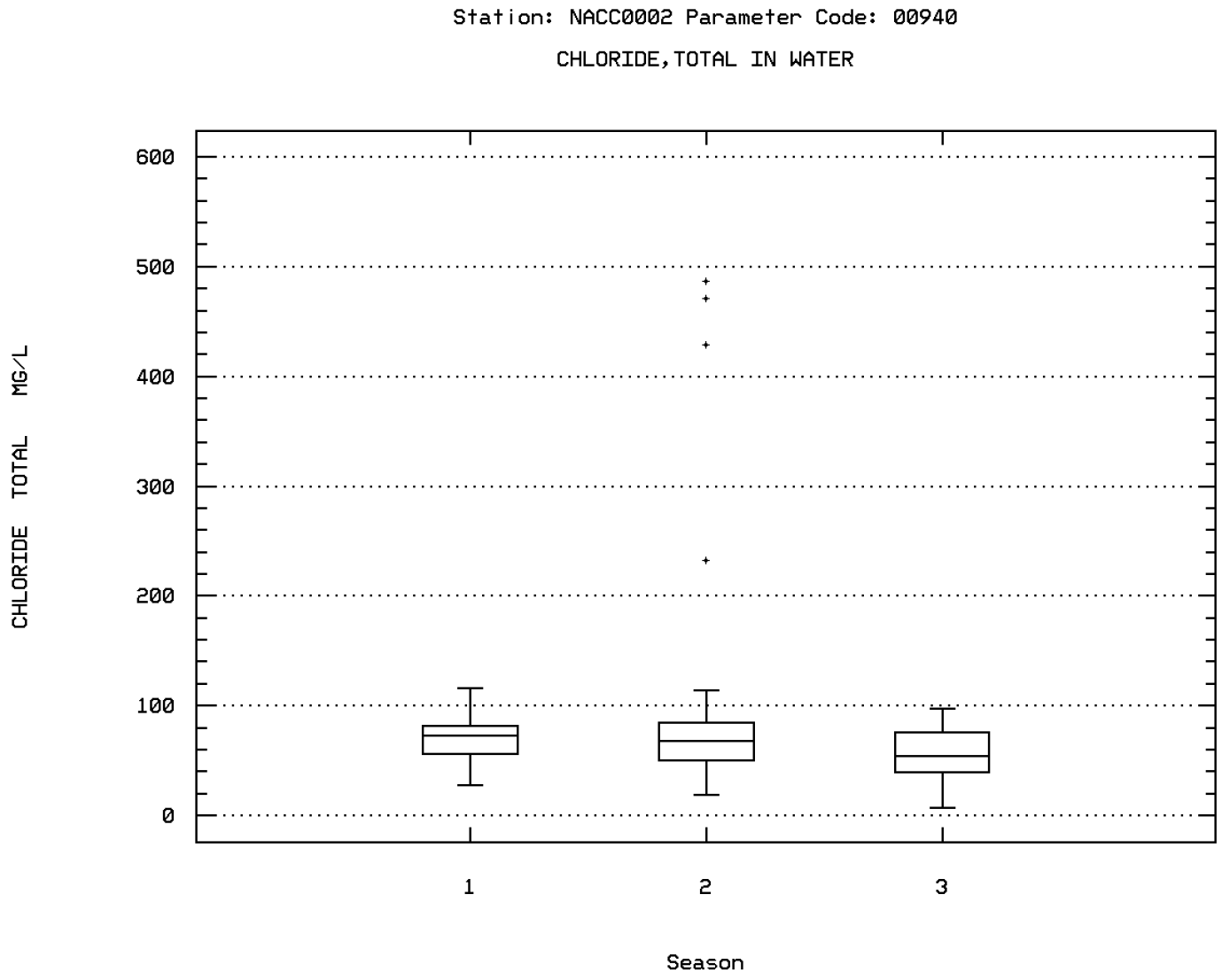
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



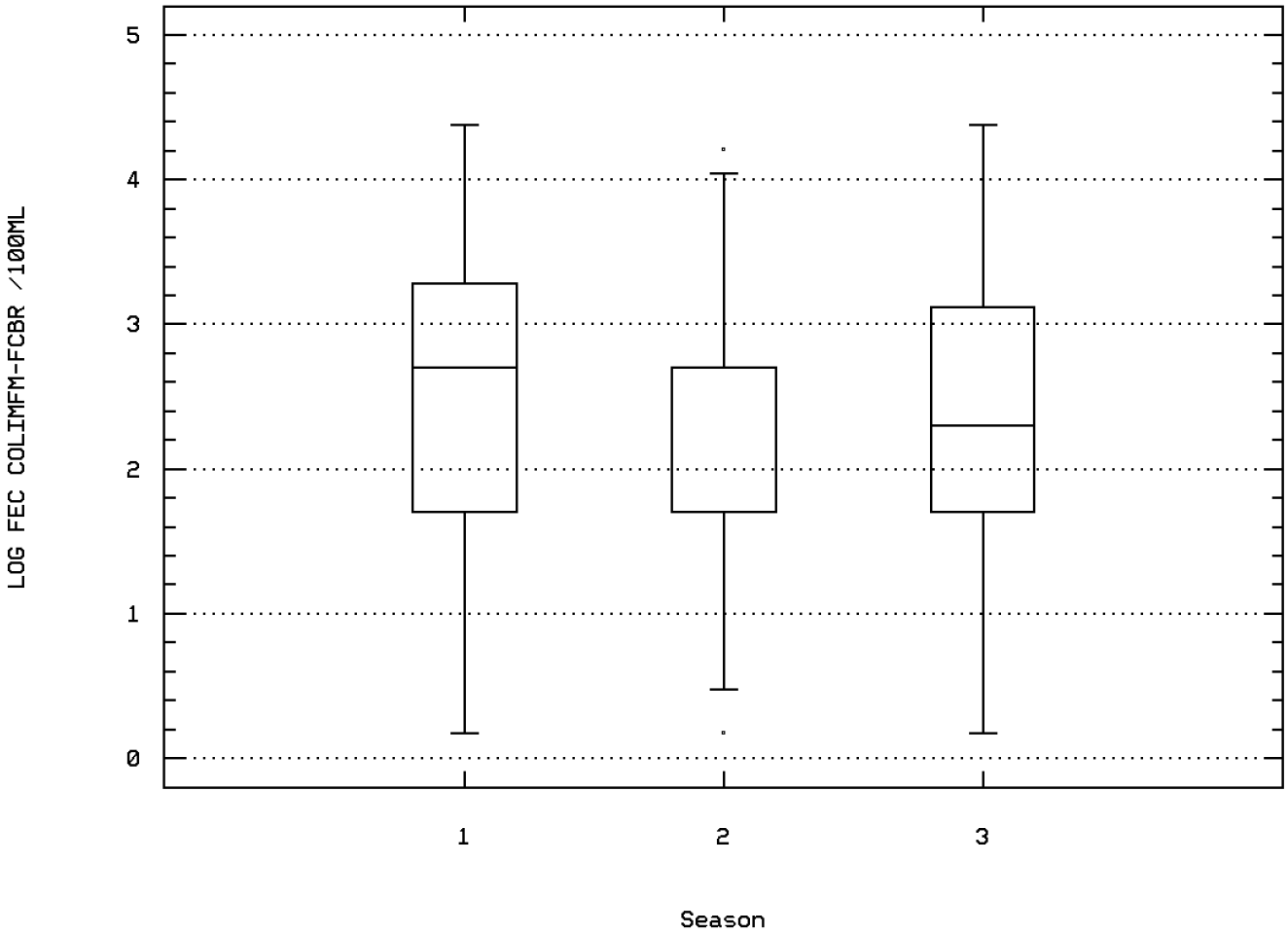
GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 31616

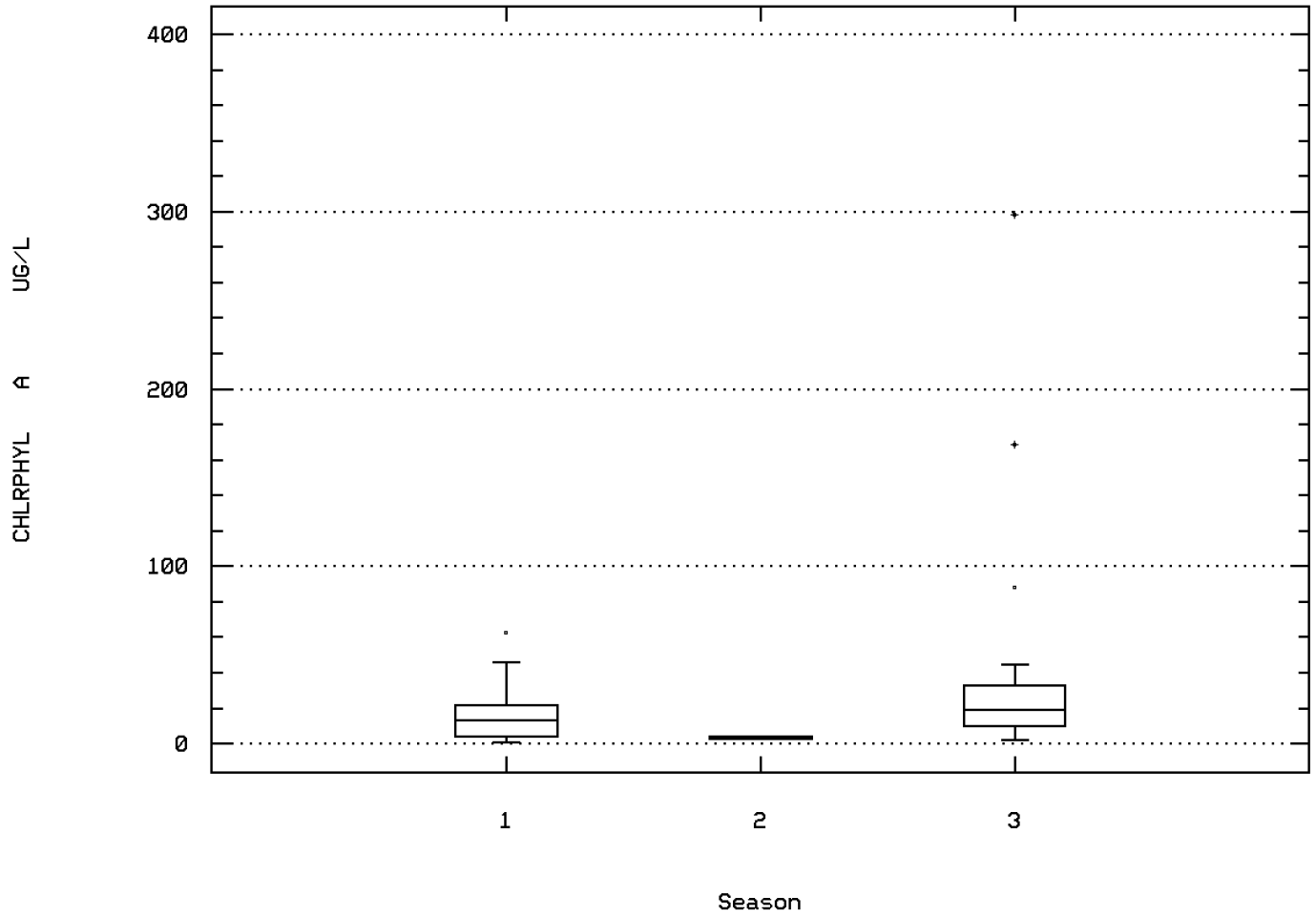
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 32210

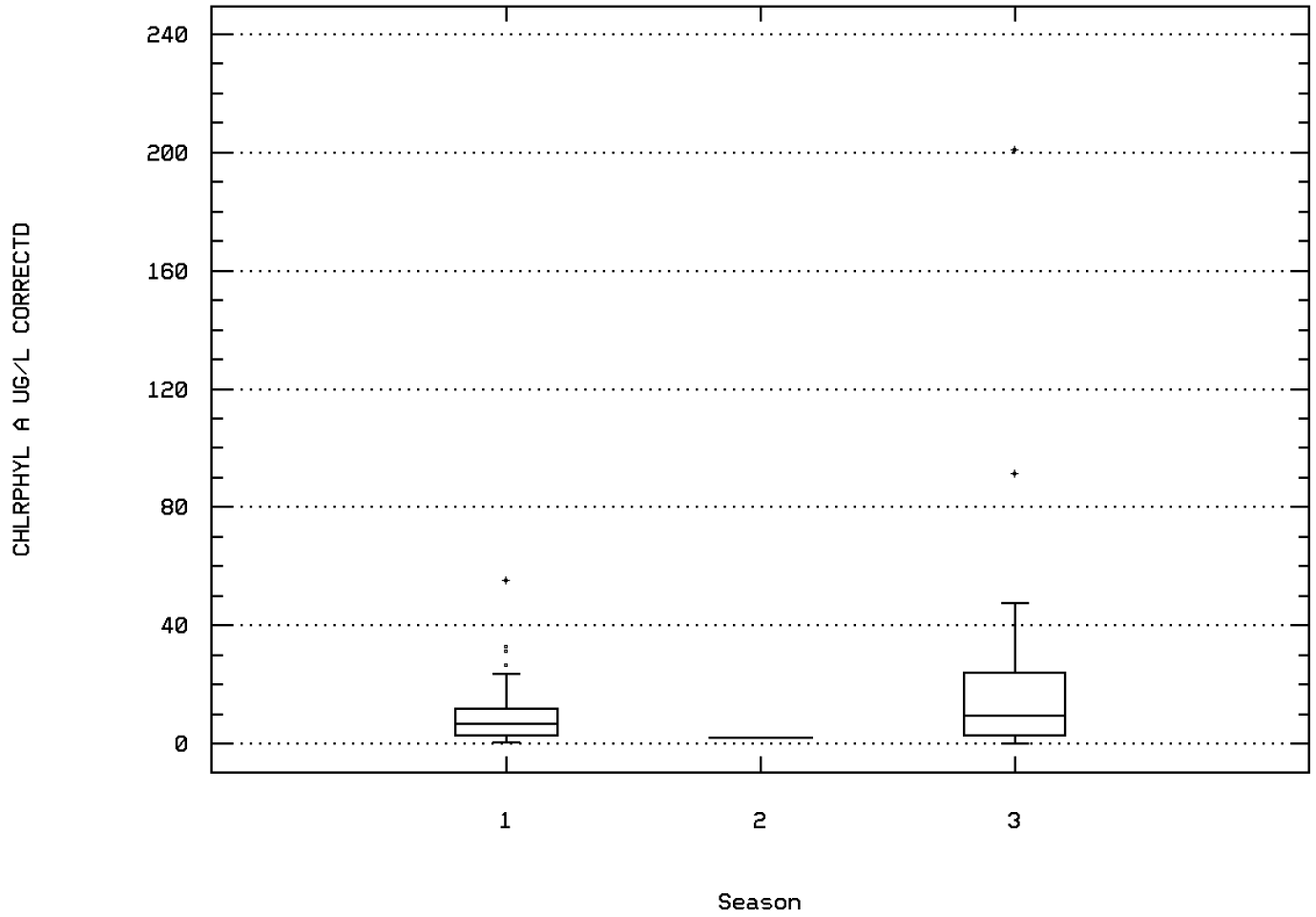
CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRE



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 32211

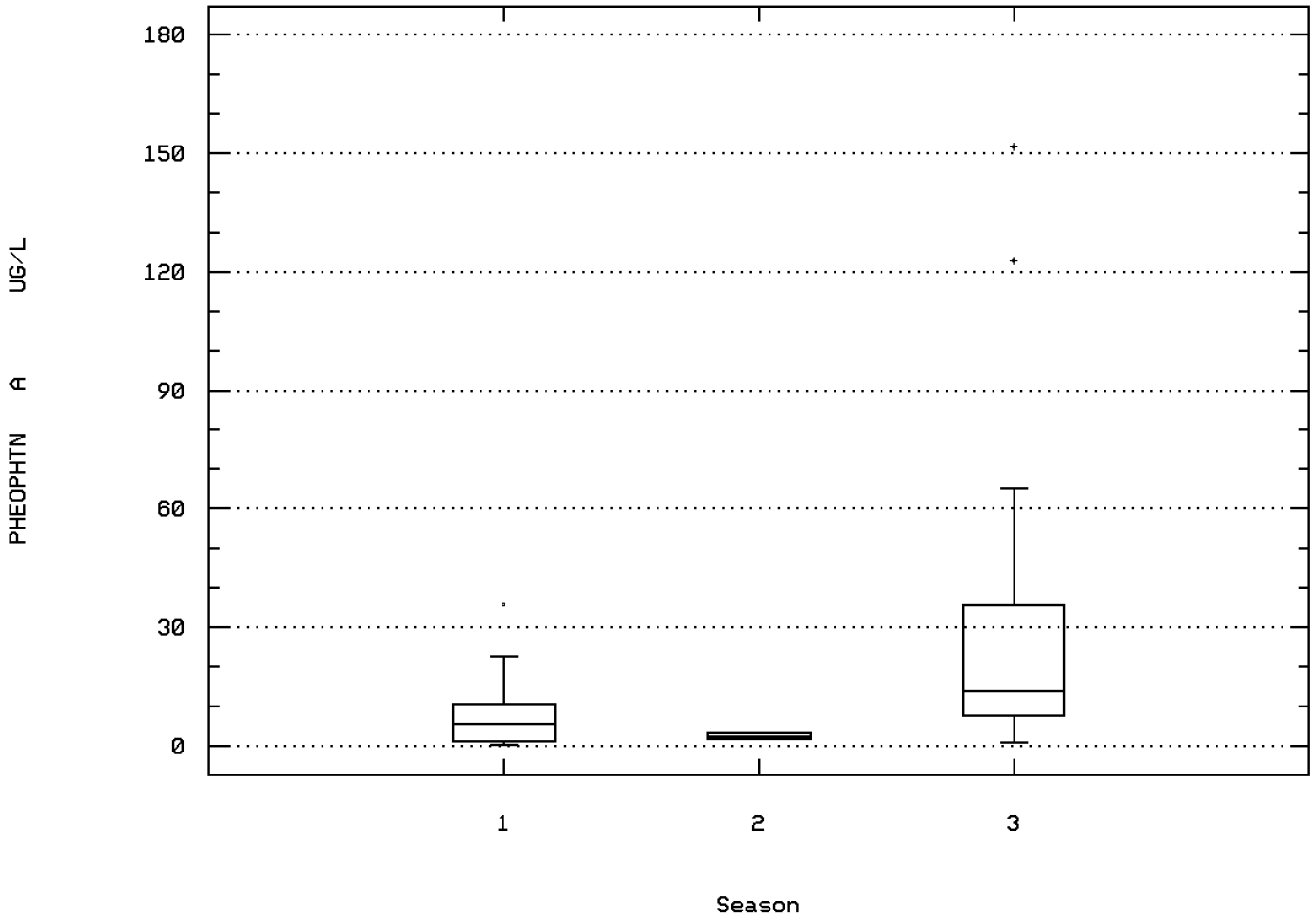
CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC A



GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 32218

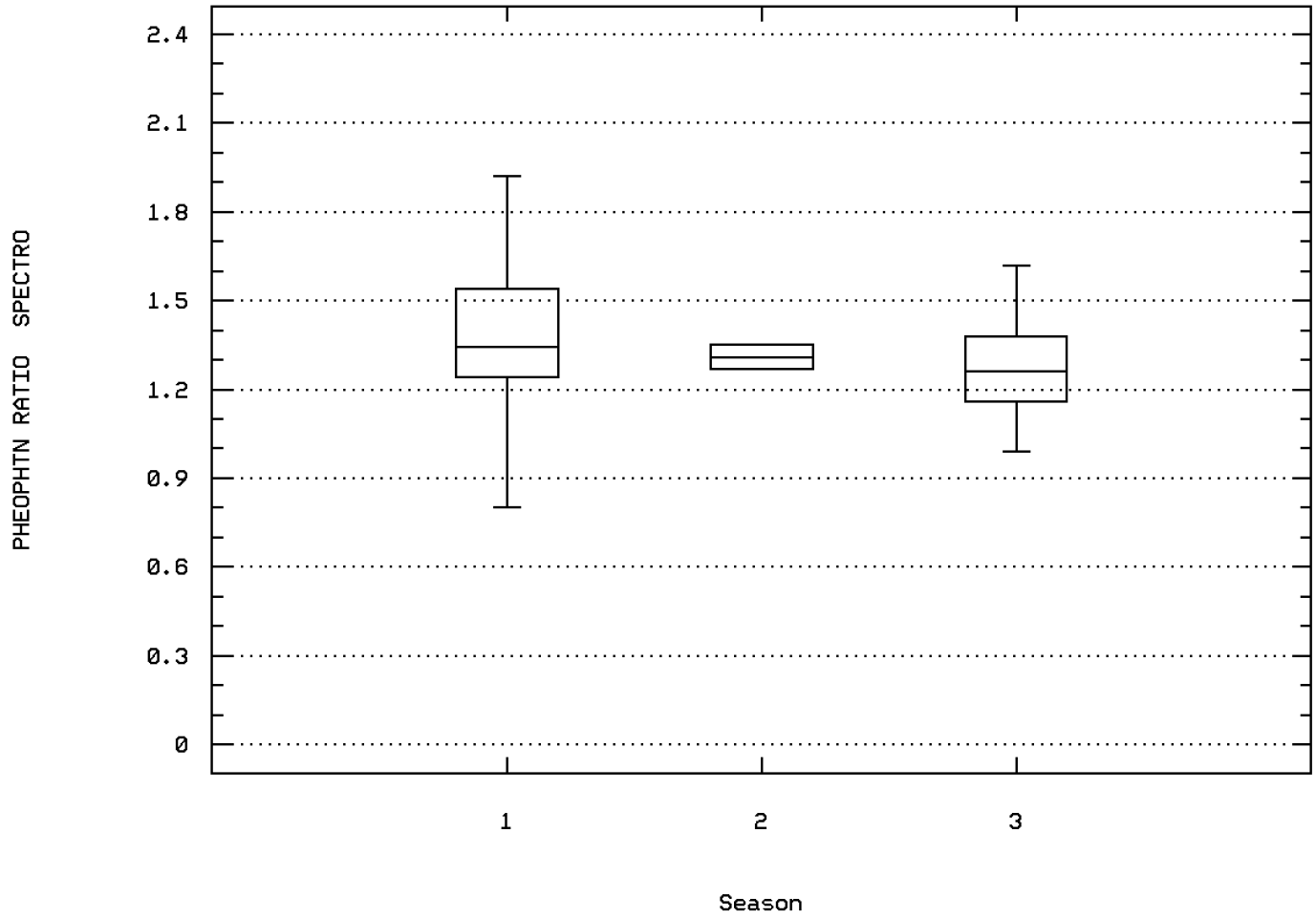
PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC AC



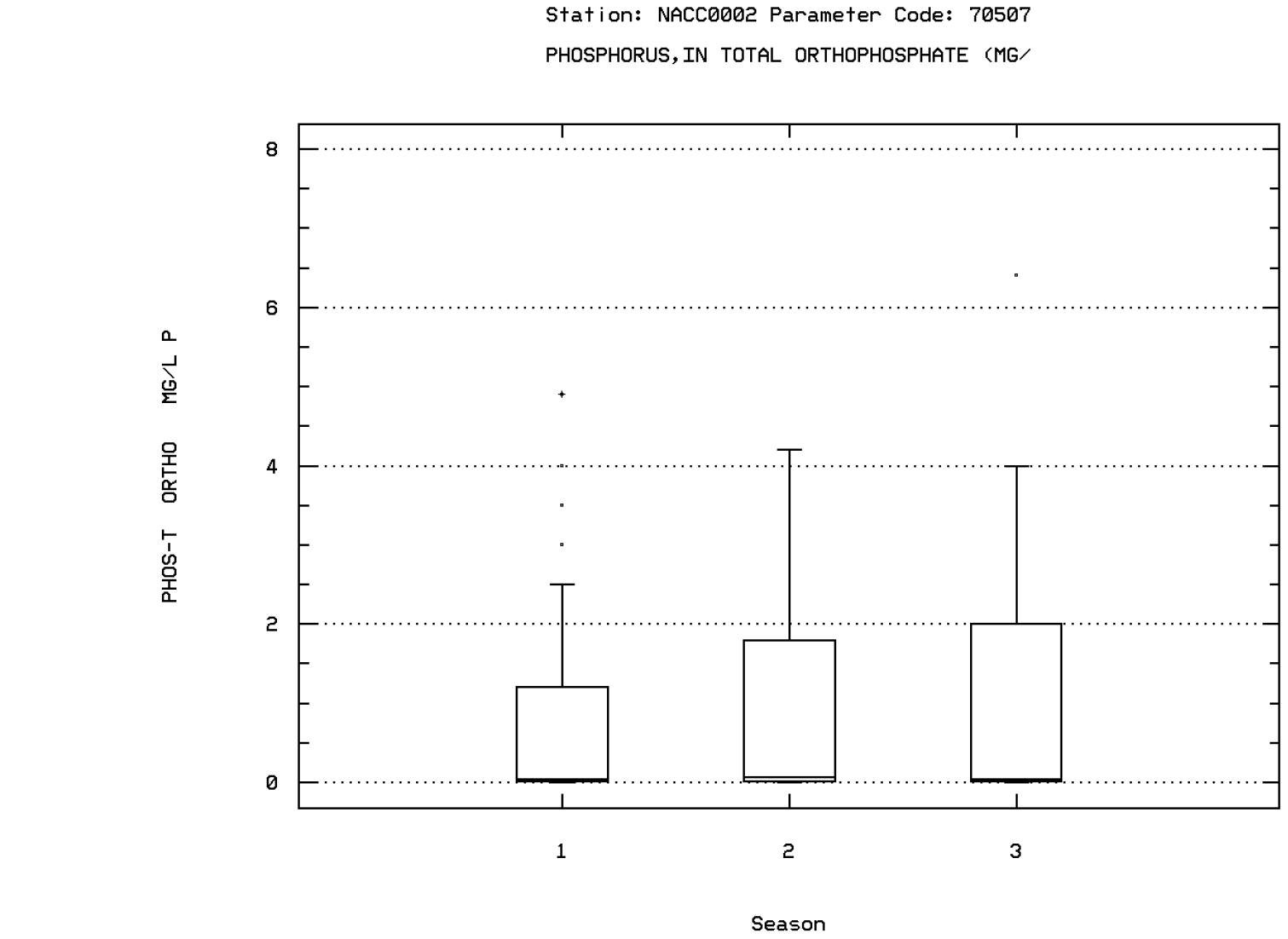
GEORGE WASHIGTON PARKWAY BRIDGE

Station: NACC0002 Parameter Code: 32219

PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/



GEORGE WASHIGTON PARKWAY BRIDGE



GEORGE WASHIGTON PARKWAY BRIDGE

Station Inventory for Station: NACC0003

NPS Station ID: NACC0003
LAT/LON: 38.841392/ -77.033615
Agency: 1113UPBA
Date Created: / /
Location: PO.R. ARLINGTON STP EFFLUENT
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/OUTFL/STREAM
STORET Station ID(s): POTOMAC 033 /033 /STP B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 4.120
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002500.00
RF3 Mile Point: 2.25
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/14/67-02/21/67	16	4450000.	8387500.	24000000.	2400000.	**********	7542726.739	2400000.	3480000.	14417500.	24000000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/14/67-02/21/67	16	6.638	6.777	7.38	6.38	0.128	0.358	6.38	6.542	7.148	7.38
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5978980.012								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/14/67-02/21/67	16	1300000.	2556875.	16090000.	110000.	**********	3862974.189	180000.	647500.	2400000.	8621000.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/14/67-02/21/67	16	6.114	6.113	7.207	5.041	0.28	0.529	5.238	5.811	6.38	6.876
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1296838.54								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/14/67-02/21/67	16	521000.	633625.	1400000.	140000.	100352116666.667	316784.022	236600.	490000.	790000.	1183000.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/14/67-02/21/67	16	5.716	5.746	6.146	5.146	0.058	0.242	5.355	5.69	5.898	6.07
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			557048.477								

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

EPA Water Quality Criteria Analysis for Station: NACC0003

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	16	16	1.00				16	16	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	16	16	1.00				16	16	1.00						

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

Station Inventory for Station: NACC0004

NPS Station ID: NACC0004 LAT/LON: 38.841392/ -77.055838 Agency: 21VASWCB Date Created: / /
Location: ARLINGTON STP EFFLUENT FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU000.63 /VA1A07-X0040/VA1A3X0040
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010027 RF1 Mile Point: 5.060 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010059401.70 RF3 Mile Point: 1.80 Distance from RF3: 0.07 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: NACC0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	31	20.	21.226	27.8	13.9	18.644	4.318	15.6	17.8	26.1	27.1
00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	32	4.5	4.922	12.8	2.2	4.243	2.06	3.26	3.925	4.95	6.62
00310	BOD, 5 DAY, 20 DEG C MG/L	01/24/72-08/29/74	31	8.	9.755	28.	2.	34.009	5.832	3.2	5.	13.	18.
00340	COD, .25N K2CR2O7 MG/L	01/30/72-01/30/72	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.	6.931	7.3	6.5	0.036	0.189	6.7	6.8	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.	6.891	7.3	6.5	0.037	0.194	6.7	6.8	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/72-08/29/74	32	0.1	0.129	0.316	0.05	0.004	0.06	0.063	0.1	0.158	0.2
00403	PH, LAB, STANDARD UNITS SU	04/15/74-04/15/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/74-04/15/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/74-04/15/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/30/72-01/30/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/74-04/15/74	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	12/06/73-06/01/74	2	328.	328.	350.	306.	968.	31.113	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/06/73-06/01/74	2	130.	130.	176.	84.	4232.	65.054	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	12/06/73-06/01/74	2	198.	198.	222.	174.	1152.	33.941	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	13.	16.387	44.	4.	110.378	10.506	5.2	8.	25.	30.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	8.	10.581	29.	0.	65.518	8.094	2.	5.	16.	26.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/24/72-08/29/74	31	4.	5.935	24.	0.	30.996	5.567	2.	2.	7.	16.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	16.	15.405	25.5	0.05	35.	5.916	6.5	12.	19.75	24.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.115	0.225	0.8	0.005	0.064	0.253	0.007	0.025	0.415	0.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	1.	1.526	5.799	0.03	2.493	1.579	0.096	0.278	2.384	4.553
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	32	20.	19.953	28.	12.	17.554	4.19	14.15	17.25	23.	25.85
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/72-04/15/74	3	0.8	2.	5.	0.2	6.84	2.615	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3	5.	4.5	6.	2.5	3.25	1.803	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	4.4	5.	2.	1.8	1.342	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	10 ##	5.	8.	20.	5.	23.333	4.83	5.	5.	10.	19.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	10	25.	25.5	50.	5.	246.944	15.714	5.5	10.	35.	50.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	10.	12.778	20.	5.	50.694	7.12	5.	5.	20.	20.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	10	65.	59.	90.	30.	410.	20.248	31.	40.	72.5	89.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	32	100.	4820.	60000.	40.	214137251.613	14633.429	50.	50.	725.	6000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	32	2.	2.459	4.778	1.602	0.922	0.96	1.699	1.699	2.852	3.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			287.823								

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

Parameter Inventory for Station: NACC0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/24/72-08/29/74	13	0.9	0.973	1.8	0.	0.23	0.48	0.2	0.65	1.325	1.68
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	32	4.6	4.7	7.	4.	0.577	0.76	4.	4.	5.	5.85
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	32	4.	4.099	5.5	3.	0.287	0.536	3.429	3.724	4.475	4.869
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.305	0.8	0.25	0.03	0.174	0.25	0.25	0.25	0.745

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

EPA Water Quality Criteria Analysis for Station: NACC0004

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	9	0.28	8	3	0.38	14	4	0.29	10	2	0.20			
00400	PH	Fresh Chronic	9.	32	0	0.00	8	0	0.00	14	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	32	1	0.03	8	0	0.00	14	0	0.00	10	1	0.10			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	8	0	0.00	14	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	32	0	0.00	8	0	0.00	14	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	7	0.70	3	2	0.67	4	3	0.75	3	2	0.67			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00			
		Drinking Water	15.	9	4	0.44	3	2	0.67	4	2	0.50	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	14	0.44	8	4	0.50	14	7	0.50	10	3	0.30			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	13	12	0.92	6	6	1.00	3	3	1.00	4	3	0.75			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

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

Station Inventory for Station: NACC0005

NPS Station ID: NACC0005
LAT/LON: 38.841670/ -77.030281
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF HUNTER PT. NAT.AIRPORT
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 006 /006 /3C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 4.220
Distance from RF1: 7.20
On/Off RF1: OFF
RF3 Index: 02070010062200.00
RF3 Mile Point: 7.42
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	11.5	11.206	17.	6.5	6.377	2.525	7.7	9.25	12.25	15.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/24/69	30	1.045	0.915	2.26	0.066	0.385	0.621	0.164	0.323	1.188	1.987
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/24/69	30	0.47	0.518	0.88	0.22	0.036	0.189	0.241	0.425	0.67	0.816
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/24/69	78	0.845	0.929	3.	0.16	0.314	0.561	0.368	0.43	1.283	1.528
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.67	1.03	1.93	0.49	0.616	0.785	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0005

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	30	0	0.00				30	0	0.00						

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

Station Inventory for Station: NACC0006

NPS Station ID: NACC0006
LAT/LON: 38.841670/ -77.056392
Agency: 1113TIWQ
Date Created: / /
Location: ARLINGTON,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 029 /029 /STP-B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010027
RF1 Mile Point: 5.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004600.00
RF3 Mile Point: 0.00
Distance from RF3: 1.02
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0006

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: NACC0007

NPS Station ID: NACC0007
LAT/LON: 38.841670/ -77.056392
Agency: 1113POTS
Date Created: / /
Location: ARLINGTON,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 021 /021 /STP 2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010027
RF1 Mile Point: 5.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/04/69	7	12.3	9.318	14.7	0.388	34.406	5.866	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/69-11/04/69	7	7.39	7.337	12.1	3.56	9.437	3.072	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/04/69	7	17.7	16.3	19.2	11.5	7.583	2.754	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/04/69	7	31.	29.557	33.	19.5	22.886	4.784	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/03/69-11/04/69	7	32.18	32.099	36.76	25.59	13.111	3.621	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	7	1.00				7	7	1.00						

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

Station Inventory for Station: NACC0008

NPS Station ID: NACC0008 LAT/LON: 38.842781/ -77.023893 Agency: 21DCBAWQ Date Created: 09/13/86
Location: GEISBORO POINT, DIST.OF COLUMBIA FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS31
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0092.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 5.610 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.13 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: GEISBORO POINT, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	130	17.3	16.794	30.7	0.8	78.463	8.858	4.5	7.825	25.125	27.81
00032	CLOUD COVER (PERCENT)	10/13/83-09/04/84	11	57.	52.455	100.	0.	2153.273	46.403	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	02/27/84-02/27/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	121	303.	307.099	582.	119.	6855.24	82.796	198.2	251.5	364.	409.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	128	8.5	8.753	14.9	0.2	7.523	2.743	5.96	7.	10.775	12.61
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	117	7.7	7.73	8.8	7.	0.16	0.4	7.28	7.5	7.9	8.32
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	117	7.7	7.585	8.8	7.	0.181	0.426	7.28	7.5	7.9	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	117	0.02	0.026	0.1	0.002	0.	0.02	0.005	0.013	0.032	0.053
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1250.	2000.	1000.	200000.	447.214	1000.	1000.	1750.	2000.

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

EPA Water Quality Criteria Analysis for Station: NACC0008

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	128	6	0.05	47	1	0.02	45	4	0.09	36	1	0.03			
00400	PH	Fresh Chronic	9.	117	0	0.00	45	0	0.00	41	0	0.00	31	0	0.00			
		Other-Lo Lim.	6.5	117	0	0.00	45	0	0.00	41	0	0.00	31	0	0.00			

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

Annual Analysis for 1983 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	3	8.	11.7	20.1	7.	53.17	7.292	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	3	10.7	10.133	12.2	7.5	5.763	2.401	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	8	20.05	17.563	28.5	3.5	112.411	10.602	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	4	221.5	230.	358.	119.	13024.667	114.126	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	8	8.85	9.263	12.6	6.3	6.114	2.473	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	3	12.3	12.633	20.	5.6	51.923	7.206	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	3	261.	268.667	315.	230.	1850.333	43.016	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	3	10.7	10.267	12.6	7.5	6.643	2.577	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.867	8.	7.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.857	8.	7.8	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	3	0.016	0.014	0.016	0.01	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 1986 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	10	20.55	15.9	28.3	0.8	131.316	11.459	0.91	3.625	26.55	28.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	10	319.	352.9	502.	278.	6023.211	77.609	278.2	289.	413.25	497.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	10	7.35	8.22	13.8	2.4	15.208	3.9	2.67	5.4	12.95	13.76
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.85	7.89	8.8	7.2	0.323	0.569	7.21	7.375	8.375	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.847	7.626	8.8	7.2	0.401	0.633	7.21	7.375	8.375	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.014	0.024	0.063	0.002	0.001	0.022	0.002	0.004	0.042	0.062

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

Annual Analysis for 1987 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	12	12.	14.358	28.8	2.5	98.046	9.902	2.65	6.325	25.425	28.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	12	269.5	281.167	451.	152.	6640.697	81.49	165.8	223.	340.75	425.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	12	7.4	5.883	11.5	0.2	12.678	3.561	0.56	2.575	8.6	10.84
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.5	7.518	8.	7.1	0.076	0.275	7.14	7.3	7.7	7.98
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.5	7.446	8.	7.1	0.081	0.285	7.14	7.3	7.7	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.032	0.036	0.079	0.01	0.	0.021	0.011	0.02	0.05	0.074

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

Annual Analysis for 1988 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	9	20.5	18.378	30.4	5.7	61.582	7.847	5.7	12.15	24.6	30.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	9	374.	339.333	488.	175.	11282.25	106.218	175.	238.	418.5	488.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	9	8.8	8.311	11.2	5.5	3.786	1.946	5.5	6.45	9.9	11.2
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.6	7.656	8.1	7.2	0.075	0.274	7.2	7.5	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.6	7.581	8.1	7.2	0.082	0.286	7.2	7.5	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.025	0.026	0.063	0.008	0.	0.017	0.008	0.013	0.032	0.063

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

Annual Analysis for 1989 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	11	15.4	15.382	26.9	2.3	88.258	9.395	2.52	4.8	24.7	26.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	9	308.	297.889	346.	223.	1451.611	38.1	223.	271.	322.5	346.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	10	9.6	9.74	13.9	7.3	4.518	2.126	7.33	7.6	10.95	13.71
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.955	8.8	7.5	0.157	0.396	7.54	7.7	8.2	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.835	8.8	7.5	0.173	0.415	7.54	7.7	8.2	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.016	0.015	0.032	0.002	0.	0.009	0.002	0.006	0.02	0.029

** - Less than 9 observations ## - Computed with 50% or 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 NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	9	19.9	17.422	25.3	5.7	66.352	8.146	5.7	8.	24.5	25.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	8	240.5	249.25	378.	181.	3197.643	56.548	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	9	8.	8.711	12.3	5.6	6.689	2.586	5.6	6.55	11.5	12.3
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.5	7.567	8.7	7.1	0.225	0.474	7.1	7.2	7.65	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.5	7.421	8.7	7.1	0.249	0.499	7.1	7.2	7.65	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.032	0.038	0.079	0.002	0.001	0.025	0.002	0.023	0.063	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	9	20.2	21.044	29.	8.7	55.768	7.468	8.7	14.35	28.4	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	9	357.	358.	454.	250.	5429.75	73.687	250.	291.	422.5	454.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	8	7.95	8.55	12.7	5.	5.617	2.37	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.7	7.644	7.9	7.1	0.075	0.274	7.1	7.45	7.9	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.7	7.557	7.9	7.1	0.084	0.29	7.1	7.45	7.9	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.02	0.028	0.079	0.013	0.	0.022	0.013	0.013	0.036	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	10	15.95	16.18	26.3	4.5	66.193	8.136	4.68	9.225	25.	26.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	10	289.5	295.2	376.	242.	1387.956	37.255	243.7	272.5	313.	370.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	10	9.2	9.1	13.4	6.1	5.438	2.332	6.17	6.95	10.6	13.21

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

Annual Analysis for 1992 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.7	7.75	8.3	7.4	0.072	0.268	7.41	7.575	7.875	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.7	7.688	8.3	7.4	0.076	0.276	7.41	7.575	7.875	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.02	0.021	0.04	0.005	0.	0.01	0.005	0.014	0.027	0.039

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

Annual Analysis for 1993 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	12	15.35	16.142	30.7	2.6	89.988	9.486	3.47	6.675	25.3	29.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	12	307.5	301.333	457.	146.	8976.97	94.747	158.9	206.25	370.5	436.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	12	10.3	9.65	14.9	4.2	9.503	3.083	4.83	6.75	11.575	14.33
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.5	7.6	8.7	7.2	0.17	0.412	7.2	7.3	7.7	8.52
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.5	7.486	8.7	7.2	0.184	0.429	7.2	7.3	7.7	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.032	0.033	0.063	0.002	0.	0.019	0.005	0.02	0.05	0.063

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

Annual Analysis for 1994 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	9	19.9	18.444	29.1	4.5	76.953	8.772	4.5	10.	26.1	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	9	355.	338.556	410.	251.	3133.778	55.98	251.	283.	388.5	410.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	9	8.	8.478	13.	6.2	4.967	2.229	6.2	6.55	9.85	13.
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.6	7.789	8.7	7.	0.259	0.509	7.	7.55	8.2	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.6	7.569	8.7	7.	0.313	0.56	7.	7.55	8.2	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.025	0.027	0.1	0.002	0.001	0.029	0.002	0.007	0.028	0.1

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

Annual Analysis for 1995 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	9	20.6	18.2	28.6	1.2	89.81	9.477	1.2	10.1	25.8	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	9	344.	350.111	582.	215.	10097.111	100.484	215.	292.5	366.5	582.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	9	7.7	8.767	13.2	6.6	5.255	2.292	6.6	7.15	10.7	13.2
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.6	7.733	8.3	7.3	0.123	0.35	7.3	7.5	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.6	7.628	8.3	7.3	0.135	0.367	7.3	7.5	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.025	0.024	0.05	0.005	0.	0.015	0.005	0.008	0.032	0.05

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

Annual Analysis for 1996 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	7	16.4	16.371	25.3	3.6	85.182	9.229	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	7	260.	262.714	407.	185.	5220.571	72.254	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	7	10.	9.943	12.7	7.2	4.596	2.144	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	7	7.9	7.886	8.4	7.2	0.208	0.456	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	7	7.9	7.681	8.4	7.2	0.257	0.507	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	7	0.013	0.021	0.063	0.004	0.	0.022	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	9	17.1	17.522	28.5	3.8	74.969	8.658	3.8	9.45	25.5	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	9	315.	317.222	438.	198.	5196.444	72.086	198.	266.	370.	438.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	9	9.	9.078	12.4	6.6	4.292	2.072	6.6	6.85	10.95	12.4
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.8	7.767	8.6	7.3	0.192	0.439	7.3	7.4	8.05	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.8	7.613	8.6	7.3	0.219	0.468	7.3	7.4	8.05	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.016	0.024	0.05	0.003	0.	0.018	0.003	0.009	0.04	0.05

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	49	25.3	24.673	30.7	15.4	13.14	3.625	19.2	23.2	26.95	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	44	352.5	346.386	502.	210.	4140.708	64.348	242.5	304.5	386.75	429.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	47	7.2	7.049	10.9	0.2	2.549	1.596	5.5	6.4	7.7	8.64
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	45	7.6	7.616	8.7	7.1	0.11	0.332	7.2	7.4	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	45	7.6	7.513	8.7	7.1	0.121	0.348	7.2	7.4	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	45	0.025	0.031	0.079	0.002	0.	0.019	0.01	0.013	0.04	0.063

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	45	6.	6.884	19.9	0.8	17.18	4.145	2.42	4.	8.7	12.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	43	280.	286.628	488.	119.	7381.334	85.915	165.6	242.	328.	430.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	45	11.5	10.678	14.9	1.4	9.177	3.029	6.26	9.35	12.7	13.4
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	41	7.8	7.824	8.8	7.2	0.142	0.377	7.42	7.6	8.	8.46
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	41	7.8	7.697	8.8	7.2	0.159	0.399	7.42	7.6	8.	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	41	0.016	0.02	0.063	0.002	0.	0.014	0.004	0.01	0.025	0.038

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-10/14/97	36	17.15	18.456	29.	7.	33.558	5.793	11.05	14.225	24.075	25.89
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/14/83-10/14/97	34	278.5	282.147	582.	152.	6892.735	83.022	183.	224.5	329.75	371.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/13/83-10/14/97	36	8.85	8.572	11.2	2.4	3.716	1.928	6.24	7.375	10.2	10.8
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	31	7.7	7.771	8.8	7.	0.233	0.483	7.2	7.4	8.2	8.56
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	31	7.7	7.567	8.8	7.	0.276	0.526	7.2	7.4	8.2	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	31	0.02	0.027	0.1	0.002	0.001	0.024	0.003	0.006	0.04	0.063

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

Station Inventory for Station: NACC0009

NPS Station ID: NACC0009 LAT/LON: 38.843060/ -77.047226 Agency: 11121TWQ Date Created: 04/19/80
Location: FOUR MILE RUN AT GEORGE WASHINGTON PARKWAY FIPS State/County: 51510 VIRGINIA/ALEXANDRIA (CITY)
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ER8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010027 RF1 Mile Point: 5.370 Distance from RF1: 12.50 On/Off RF1: ON
RF3 Index: 02070010059403.22 RF3 Mile Point: 5.05 Distance from RF3: 1.13 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/78-09/06/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/06/78-09/06/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/06/78-09/06/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/06/78-09/06/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: NACC0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34341	DIMETHYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34561	1,3-DICHLOROPROPENE TOTWUG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/06/78-09/06/78	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/06/78-09/06/78	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/06/78-09/06/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: NACC0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/06/78-09/06/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	09/06/78-09/06/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	09/06/78-09/06/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/06/78-09/06/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: NACC0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									

& - 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: NACC0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03									0&	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - 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: NACC0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00	1	0	0.00									
		Drinking Water	3.	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.4	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: NACC0010

NPS Station ID: NACC0010
LAT/LON: 38.844170/ -77.022227
Agency: 112WRD
Date Created: 12/02/81
Location: POTOMAC RIVER AT GEISBORO POINT
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385039077012600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.700
Distance from RF1: 1.20
On/Off RF1: ON
RF3 Index: 02070010002500.00
RF3 Mile Point: 1.77
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	10/06/79-10/06/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/79-09/28/83	413	28.4	26.317	34.	0.	38.183	6.179	21.14	25.8	29.3	30.3
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	80	4.95	3.779	9.5	0.	9.559	3.092	0.	0.	6.25	7.45
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/06/79-09/28/83	230	17.	12.657	72.	0.	172.122	13.12	0.	0.	24.	28.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	417	338.	343.4	512.	182.	2753.202	52.471	291.	319.5	360.	411.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/05/80-05/19/81	6	2.95	2.567	6.5	0.	5.827	2.414	**	**	**	**
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	75	0.5	0.589	4.9	0.	0.677	0.823	0.	0.	1.	1.32
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/13/80-08/26/81	35	200.	330.514	1500.	0.	158802.257	398.5	0.	20.	500.	920.
00300	OXYGEN, DISSOLVED MG/L	10/06/79-09/28/83	413	5.9	4.632	13.3	0.	14.144	3.761	0.	0.	7.5	8.7
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/20/79-08/26/81	70	0.	-0.131	0.03	-3.	0.261	0.51	0.	0.	0.	-0.177
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/20/79-08/26/81	52	9.15	8.812	15.	3.7	7.229	2.689	5.22	6.925	10.	13.7
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/20/79-08/26/81	70	5.05	5.166	10.	0.	4.561	2.136	2.53	4.1	6.425	7.39
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/20/79-08/26/81	52	3.15	2.985	7.2	0.	3.203	1.79	0.	2.2	3.975	5.41
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	08/29/79-08/05/80	4	0.135	0.13	0.17	0.08	0.002	0.042	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/80-09/28/83	403	7.3	7.375	8.7	6.2	0.216	0.465	6.9	7.	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	06/17/80-09/28/83	403	7.3	7.132	8.7	6.2	0.275	0.525	6.9	7.	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/80-09/28/83	403	0.05	0.074	0.631	0.002	0.01	0.1	0.01	0.02	0.1	0.126
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-10/02/80	3	1.6	2.533	6.	0.	9.653	3.107	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	4	83.5	78.	84.	61.	128.667	11.343	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	1.5	1.599	3.1	0.74	0.349	0.591	0.896	1.15	1.95	2.54
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/18/79-08/26/81	24	0.57	0.584	1.3	0.22	0.079	0.282	0.23	0.335	0.74	0.95
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/24/79-08/26/81	57	0.39	0.398	0.99	0.	0.04	0.2	0.156	0.25	0.535	0.672
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	66	0.225	0.266	1.1	0.005	0.044	0.209	0.03	0.12	0.365	0.506
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/79-08/26/81	24	0.155	0.235	0.83	0.01	0.061	0.246	0.03	0.05	0.29	0.8
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	0.06	0.069	0.2	0.01	0.002	0.048	0.02	0.03	0.1	0.14
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/79-10/06/79	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	0.62	0.87	2.3	0.06	0.298	0.546	0.362	0.44	1.3	1.84
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/24/79-09/28/83	65	0.62	0.658	1.7	0.09	0.085	0.292	0.318	0.45	0.795	0.974
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/24/79-09/28/83	65	0.2	0.248	0.95	0.	0.048	0.219	0.	0.075	0.38	0.534
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/79-09/28/83	66	0.81	0.867	2.	0.24	0.13	0.361	0.377	0.62	1.1	1.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/79-09/28/83	66	0.7	0.942	2.4	0.09	0.294	0.542	0.4	0.5	1.325	1.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/79-09/28/83	66	0.103	0.103	0.201	0.015	0.002	0.04	0.058	0.075	0.131	0.161
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/79-09/28/83	65	0.034	0.036	0.098	0.	0.	0.021	0.009	0.023	0.047	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	6	0.029	0.035	0.055	0.02	0.	0.016	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/79-08/26/81	41	4.9	5.144	10.	0.	3.286	1.813	3.28	4.4	6.1	7.14

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

Parameter Inventory for Station: NACC0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/09/80-08/26/81	31	3.1	3.271	6.5	1.5	0.769	0.877	2.54	2.9	3.6	4.28
00740	SULFITE (MG/L AS SO3)	07/22/81-07/22/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	6	115.	114.667	140.	88.	290.667	17.049	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	4	29.5	32.	42.	27.	47.333	6.88	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	6	33.	32.833	41.	26.	24.967	4.997	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	6	8.	8.1	9.7	5.5	2.34	1.53	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	6	16.	16.5	24.	11.	19.5	4.416	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	6	0.65	0.683	0.9	0.5	0.022	0.147	**	**	**	**
00932	SODIUM, PERCENT	08/22/79-08/25/81	6	21.5	22.833	27.	21.	6.567	2.563	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/29/79	2	15.5	15.5	17.	14.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	6	3.15	3.25	4.	3.	0.143	0.378	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	6	16.	17.167	30.	11.	48.167	6.94	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	6	42.5	44.167	60.	32.	88.167	9.39	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/80-08/25/81	4	0.25	0.225	0.3	0.1	0.009	0.096	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/79-09/28/83	62	4.3	4.179	7.9	0.7	3.331	1.825	1.93	2.45	5.825	6.4
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/05/80-08/05/80	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/05/80-08/05/80	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	23	4000.	5282.043	24700.	0.	35736880.498	5978.033	66.	770.	8400.	12840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	23	3.602	3.169	4.393	0.	1.332	1.154	0.887	2.886	3.924	4.108
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1475.075								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	23	444.	731.435	4550.	0.	1023664.53	1011.763	36.	184.	1050.	2070.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	23	2.647	2.446	3.658	0.	0.768	0.877	0.782	2.265	3.021	3.291
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			278.96								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	11/14/79-09/28/83	297	30.	31.135	78.5	0.	245.353	15.664	11.48	20.	40.7	52.68
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	11	27.2	26.264	52.9	0.	233.469	15.28	1.92	14.4	37.6	50.96
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	11/14/79-09/28/83	297	14.	14.017	70.6	0.	37.351	6.112	7.76	10.4	17.3	20.
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	11/14/79-09/28/83	296	36.8	37.624	85.5	3.2	275.138	16.587	16.81	27.075	48.475	60.3
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/24/79-10/06/79	11	18.4	15.155	23.4	2.1	49.427	7.03	2.8	7.2	19.9	22.86
32230	CHLOROPHYLL A (MG/L)	07/24/79-10/06/79	11	0.038	0.037	0.07	0.004	0.	0.019	0.006	0.022	0.053	0.067
60050	ALGAE, TOTAL (CELLS/ML)	08/20/79-08/26/81	46	17000.	17612.826	50000.	790.	100786411.836	10039.244	7140.	10375.	21250.	29300.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/81-08/25/81	2	148.5	148.5	297.	0.	44104.5	210.011	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	6	173.5	176.5	222.	134.	854.3	29.228	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/25/81-07/25/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	8	0.24	0.23	0.4	0.	0.013	0.113	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-08/18/81	13	21.	22.108	46.	8.4	101.984	10.099	8.64	15.	27.	40.
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/30/80-08/26/81	28	2.755	3.903	17.1	0.52	14.508	3.809	0.7	1.385	4.7	9.999
71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	22	21.75	24.864	81.	16.	186.004	13.638	16.65	17.5	27.	35.65
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	22	16.	18.545	71.	9.	160.831	12.682	9.95	12.625	20.5	27.2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	09/18/79-02/04/81	9	0.4	0.484	1.	0.01	0.155	0.394	0.01	0.125	0.95	1.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/24/79-08/26/81	58	0.29	0.344	1.4	0.01	0.08	0.283	0.039	0.15	0.493	0.671
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/79-08/26/81	56	2.7	3.469	8.8	0.3	4.881	2.209	1.37	1.9	5.2	7.22
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/24/79-08/26/81	58	0.16	0.222	0.66	0.03	0.027	0.165	0.07	0.1	0.33	0.463
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/24/79-09/28/83	53	18.	19.17	65.	5.	79.221	8.901	10.	14.	22.	28.
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	51	0.16	0.176	0.48	0.	0.014	0.12	0.	0.1	0.3	0.328
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/20/79-08/26/81	70	0.14	0.14	0.24	0.	0.003	0.054	0.071	0.11	0.17	0.21
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/20/79-08/26/81	70	0.	0.114	2.2	0.	0.157	0.396	0.	0.	0.	0.252
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/20/79-08/26/81	48	5.05	4.916	13.7	0.	14.251	3.775	0.018	1.7	7.825	10.13
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-12/16/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-08/26/81	15	380.	4124.	46000.	230.	141735568.571	11905.275	230.	230.	740.	25000.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-08/26/81	15	2.58	2.764	4.663	2.362	0.467	0.683	2.362	2.362	2.869	4.29
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			580.592								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-08/26/81	15	2400.	3366.667	9300.	2100.	5779523.81	2404.064	2220.	2300.	2400.	9120.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-08/26/81	15	3.38	3.463	3.968	3.322	0.046	0.214	3.346	3.362	3.38	3.96
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			2906.179								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	5	24.	22.26	41.	4.4	297.958	17.261	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	413	148	0.36	371	148	0.40	20	0	0.00	22	0	0.00			
00400	PH	Marine Chronic	8.5	403	4	0.01	361	4	0.01	20	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	403	16	0.04	361	16	0.04	20	0	0.00	22	0	0.00			
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	20	0.87	18	16	0.89	4	3	0.75	1	1	1.00			

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

Annual Analysis for 1979 - Station NACC0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	14	285.5	272.786	355.	182.	4186.643	64.704	182.	182.	331.25	345.

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

Annual Analysis for 1980 - Station NACC0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	244	337.	340.283	493.	261.	1302.739	36.093	299.	326.25	349.	361.

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

Annual Analysis for 1981 - Station NACC0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	120	326.5	340.55	512.	201.	4644.922	68.154	261.1	296.	404.25	419.8

** - 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 1983 - Station NACC0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/79-09/28/83	39	390.	397.026	462.	355.	954.92	30.902	365.	376.	419.	445.

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

Station Inventory for Station: NACC0011

NPS Station ID: NACC0011 LAT/LON: 38.844448/ -77.065003 Agency: 21VASWCB Date Created: / /
Location: ARLINGTON RIDGE ROAD BRIDGE FIPS State/County: 51013 VIRGINIA/ARLINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1AFOU001.19 /VA1A07-X0041/VA1A3X0041
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059401.70 RF3 Mile Point: 2.53 Distance from RF3: 0.02 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: FOURMILE RUN SECTION: 07 TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC- MD

Parameter Inventory for Station: NACC0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/72-08/29/74	32	18.05	17.484	31.1	4.4	69.012	8.307	6.85	9.325	24.575	29.07
00300	OXYGEN, DISSOLVED MG/L	01/24/72-08/29/74	32	9.8	9.916	16.4	6.4	4.309	2.076	7.26	8.25	11.4	12.2
00400	PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.5	7.95	10.	6.1	0.942	0.971	7.	7.325	8.9	9.5
00400	CONVERTED PH (STANDARD UNITS)	01/24/72-08/29/74	32	7.5	7.239	10.	6.1	1.464	1.21	7.	7.325	8.9	9.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/72-08/29/74	32	0.032	0.058	0.794	0.	0.02	0.14	0.	0.001	0.048	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/01/72-03/01/72	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/01/72-03/01/72	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/01/72-03/01/72	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/30/72-01/30/72	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.1	0.525	9.	0.05	2.553	1.598	0.05	0.05	0.2	1.387
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	32	0.01	0.029	0.3	0.005	0.003	0.055	0.005	0.005	0.03	0.085
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/24/72-08/29/74	31	1.039	1.801	24.69	0.02	18.422	4.292	0.108	0.59	1.599	2.073
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/24/72-08/29/74	32	0.4	0.766	7.	0.2	1.444	1.202	0.2	0.3	0.8	1.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/30/72-08/02/73	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/30/72-08/02/73	5 ##	5.	4.1	5.	0.5	4.05	2.012	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/30/72-05/21/74	10 ##	5.	7.	20.	5.	23.333	4.83	5.	5.	6.25	19.
01042	COPPER, TOTAL (UG/L AS CU)	01/30/72-05/21/74	10	10.	13.	40.	5.	123.333	11.106	5.	5.	20.	38.
01051	LEAD, TOTAL (UG/L AS PB)	01/30/72-05/21/74	9	10.	39.444	210.	5.	4340.278	65.881	5.	10.	45.	210.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/17/73-08/02/73	3 ##	50.	35.	50.	5.	675.	25.981	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/30/72-05/21/74	10	20.	31.5	140.	5.	1639.167	40.487	5.	5.	40.	130.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	30	150.	1460.	19000.	50.	13058689.655	3613.681	50.	50.	925.	3780.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/24/72-08/29/74	30	2.151	2.423	4.279	1.699	0.619	0.787	1.699	1.699	2.956	3.577
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			264.638								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	01/24/72-08/29/74	32 ##	0.05	0.178	2.	0.05	0.137	0.37	0.05	0.05	0.088	0.54
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/24/72-08/29/74	32	0.05	0.118	1.	0.01	0.035	0.187	0.023	0.05	0.1	0.27
71900	MERCURY, TOTAL (UG/L AS HG)	01/30/72-05/21/74	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

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

EPA Water Quality Criteria Analysis for Station: NACC0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	0	0.00	8	0	0.00	14	0	0.00	10	0	0.00			
00400	PH	Fresh Chronic	9.	32	8	0.25	8	3	0.38	14	1	0.07	10	4	0.40			
		Other-Lo Lim.	6.5	32	1	0.03	8	1	0.13	14	0	0.00	10	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	8	0	0.00	14	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	31	1	0.03	8	0	0.00	14	1	0.07	9	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10	3	0.30	3	1	0.33	4	1	0.25	3	1	0.33			
		Drinking Water	1300.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	9	1	0.11	3	1	0.33	4	0	0.00	2	0	0.00			
		Drinking Water	15.	9	3	0.33	3	1	0.33	4	1	0.25	2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	10	1	0.10	3	1	0.33	4	0	0.00	3	0	0.00			
		Drinking Water	5000.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	29 &	14	0.48	6	5	0.83	13	4	0.31	10	5	0.50			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	2.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			

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

Station Inventory for Station: NACC0012

NPS Station ID: NACC0012
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.2 /P-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 7.00
On/Off RF1: OFF
RF3 Index: 02070010062200.00
RF3 Mile Point: 2.16
Distance from RF3: 0.34
On/Off RF3:
Description:
TRANSECT STATION LOCATED 99 FEET OPPOSITE DISCHARGE OF BLUE PLAINS

Parameter Inventory for Station: NACC0012

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

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

Station Inventory for Station: NACC0013

NPS Station ID: NACC0013
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P3
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.3 /P-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED 200 FEET FROM DISCHARGE AT BLUE PLAINS

Parameter Inventory for Station: NACC0013

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

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

Station Inventory for Station: NACC0014

NPS Station ID: NACC0014
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.4 /P-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EDGE OF CHANNEL

Parameter Inventory for Station: NACC0014

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

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

Station Inventory for Station: NACC0015

NPS Station ID: NACC0015
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P5
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.5 /P-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THE MID-SLOPE OF THE CHANNEL

Parameter Inventory for Station: NACC0015

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

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

Station Inventory for Station: NACC0016

NPS Station ID: NACC0016
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P55
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.55 /P-55
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT BASE OF CHANNEL SLOPE

Parameter Inventory for Station: NACC0016

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

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

Station Inventory for Station: NACC0017

NPS Station ID: NACC0017
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.6 /P-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 26
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: NACC0017

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

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

Station Inventory for Station: NACC0018

NPS Station ID: NACC0018
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P7
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.7 /P-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT NORTH EDGE OF PIER AT NRL

Parameter Inventory for Station: NACC0018

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

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

Station Inventory for Station: NACC0019

NPS Station ID: NACC0019
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.8 /P-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THE MIDDLE OF THE NRL PIER

Parameter Inventory for Station: NACC0019

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

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

Station Inventory for Station: NACC0020

NPS Station ID: NACC0020
LAT/LON: 38.845003/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.9 /P-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 5.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.55
Distance from RF3: 0.27
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM EASTERN SHORE

Parameter Inventory for Station: NACC0020

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

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

Station Inventory for Station: NACC0021

NPS Station ID: NACC0021
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.1 /J-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 2.20
Distance from RF3: 0.13
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0021

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

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

Station Inventory for Station: NACC0022

NPS Station ID: NACC0022
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J15
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.15 /J-15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 30 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0022

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

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

Station Inventory for Station: NACC0023

NPS Station ID: NACC0023
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.2 /J-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED MID-CHANNEL OF POTOMAC MAIN STEM

Parameter Inventory for Station: NACC0023

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

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

Station Inventory for Station: NACC0024

NPS Station ID: NACC0024
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.4 /J-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MIDDLE OF SAND BAR

Parameter Inventory for Station: NACC0024

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

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

Station Inventory for Station: NACC0025

NPS Station ID: NACC0025
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.6 /J-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE RED AND BLUE "CAN"

Parameter Inventory for Station: NACC0025

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

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

Station Inventory for Station: NACC0026

NPS Station ID: NACC0026
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J7
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.7 /J-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE HAINS POINT

Parameter Inventory for Station: NACC0026

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

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

Station Inventory for Station: NACC0027

NPS Station ID: NACC0027
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.8 /J-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 19
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET WEST OF BOUY

Parameter Inventory for Station: NACC0027

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

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

Station Inventory for Station: NACC0028

NPS Station ID: NACC0028
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J85
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.85 /J-85
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED OPPOSITE WAR COLLEGE

Parameter Inventory for Station: NACC0028

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

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

Station Inventory for Station: NACC0029

NPS Station ID: NACC0029
LAT/LON: 38.850004/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT HAINS POINT TRANS J9
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101008.9 /J-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM EASTERN SHORE OF WASHINGTON CHANNE

Parameter Inventory for Station: NACC0029

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

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

Station Inventory for Station: NACC0030

NPS Station ID: NACC0030
LAT/LON: 38.850281/ -77.022504
Agency: 21DCBAWQ
Date Created: 09/13/86
Location: HAINS POINT, WASH., D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMS29
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0092.50
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.120
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.15
Distance from RF3: 0.06
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: HAINS POINT, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	1034	22.3	20.24	30.8	0.	49.779	7.055	9.5	15.475	25.725	28.
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	42	15.	44.333	100.	0.	2185.984	46.755	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	223	0.8	0.814	2.5	0.	0.162	0.402	0.3	0.6	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	990	307.	314.172	648.	104.	6492.359	80.575	217.	255.75	369.	414.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	1025	7.5	7.722	17.4	0.	5.454	2.335	5.3	6.3	9.2	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	145	1.3	1.47	4.5	0.	0.743	0.862	0.5	0.75	2.	2.7
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	989	7.5	7.632	9.	6.1	0.184	0.429	7.2	7.4	7.8	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	989	7.5	7.458	9.	6.1	0.215	0.463	7.2	7.4	7.8	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	989	0.032	0.035	0.794	0.001	0.002	0.043	0.005	0.016	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	251	76.	74.657	138.	0.	363.754	19.072	48.4	64.	88.	96.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	180	8.	14.781	239.	0.02	745.438	27.303	0.1	4.	16.	26.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	208	0.075	0.102	0.685	0.	0.009	0.095	0.02	0.039	0.132	0.225
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	187	0.018	0.035	0.41	0.005	0.002	0.049	0.005	0.01	0.039	0.082
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	164	1.34	1.379	3.62	0.02	0.215	0.464	0.84	1.123	1.66	1.955
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	113	0.61	0.647	2.47	0.1	0.124	0.352	0.273	0.432	0.787	0.985
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/21/95	2	3.1	3.1	3.88	2.32	1.217	1.103	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	23	1.2	1.317	3.9	0.3	0.568	0.754	0.48	0.8	1.7	2.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	111	0.074	0.087	0.425	0.008	0.004	0.062	0.042	0.053	0.091	0.142
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	110	0.04	0.045	0.288	0.	0.001	0.034	0.016	0.029	0.056	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	179	0.02	0.025	0.13	0.	0.	0.02	0.004	0.01	0.035	0.052
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	96	3.8	4.396	19.3	0.	8.061	2.839	2.1	2.625	5.075	7.13
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	111	3.6	3.615	7.5	0.	2.315	1.521	1.5	2.4	4.7	5.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	247	128.	126.073	200.	0.	949.06	30.807	90.	104.	148.	164.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/14/83	6	35.5	41.667	67.	26.	309.067	17.58	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	131	2.4	2.503	12.2	0.2	3.241	1.8	0.9	1.4	3.	3.76
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-10/01/91	16 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	31 ##	2.5	2.597	7.	1.	0.74	0.86	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	31 ##	5.	5.516	16.	2.5	5.008	2.238	5.	5.	5.	7.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	31 ##	12.5	10.129	14.	5.	11.766	3.43	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	31	561.	704.468	2560.	144.	374115.149	611.65	204.2	295.	878.	1797.6
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	32 ##	25.	20.5	36.	2.5	93.887	9.69	2.5	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	30	28.	93.55	1590.	2.5	81412.627	285.329	10.	10.75	68.	119.

** - Less than 9 observations ## - 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: NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	22 ##	2.5	2.614	5.	2.5	0.284	0.533	2.5	2.5	2.5	2.5
04378	WAVE STATE CODE	01/22/96-12/08/97	151	1000.	1152.318	4000.	1000.	183311.258	428.149	1000.	1000.	1000.	2000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	89	944.	5067.73	160000.	20.	326793068.426	18077.419	170.	263.	3000.	9500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	89	2.975	3.02	5.204	1.301	0.497	0.705	2.23	2.42	3.477	3.978
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1046.379								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	96	225.	861.896	24000.	10.	7809659.021	2794.577	40.	80.	652.5	1666.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	96	2.352	2.322	4.38	1.	0.447	0.669	1.602	1.903	2.811	3.222
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			210.131								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	22	1020.	1490.	4820.	80.	1764219.048	1328.239	138.	455.	2620.	3630.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	22	3.009	2.959	3.683	1.903	0.249	0.499	2.132	2.651	3.418	3.557
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			908.867								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	22	3550.	9359.091	31400.	800.	92410151.515	9613.02	1730.	2225.	17250.	27130.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	22	3.55	3.74	4.497	2.903	0.221	0.47	3.238	3.347	4.237	4.433
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			5491.01								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	34	4.5	8.338	30.	0.	71.359	8.447	0.5	2.	12.75	24.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	34	8.	11.838	50.	0.	178.253	13.351	0.5	1.75	17.	33.
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	31 ##	0.1	0.11	0.3	0.1	0.002	0.04	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	250	13.	23.672	522.	0.	1919.611	43.813	6.	8.	22.	39.9

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

EPA Water Quality Criteria Analysis for Station: NACC0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1025	41	0.04	460	11	0.02	199	15	0.08	366	15	0.04			
00400	PH	Fresh Chronic	9.	989	2	0.00	442	0	0.00	196	0	0.00	351	2	0.01			
		Other-Lo Lim.	6.5	989	3	0.00	442	0	0.00	196	1	0.01	351	2	0.01			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	187	0	0.00	63	0	0.00	69	0	0.00	55	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	164	0	0.00	56	0	0.00	61	0	0.00	47	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	6	0	0.00	8	0	0.00	9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	2	0	0.00	4	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	50.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	31	1	0.03	12	1	0.08	12	0	0.00	7	0	0.00			
		Drinking Water	5.	31	1	0.03	12	1	0.08	12	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	31	0	0.00	12	0	0.00	12	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	31	0	0.00	12	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	1300.	31	0	0.00	12	0	0.00	12	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	32	0	0.00	12	0	0.00	13	0	0.00	7	0	0.00			
		Drinking Water	15.	8 &	1	0.13	1	0	0.00	6	1	0.17	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	30	2	0.07	11	2	0.18	12	0	0.00	7	0	0.00			
		Drinking Water	5000.	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	22	0	0.00	8	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	22	0	0.00	8	0	0.00	10	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	89	44	0.49	30	16	0.53	38	19	0.50	21	9	0.43			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	96	51	0.53	34	13	0.38	39	28	0.72	23	10	0.43			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	19	0.86	7	7	1.00	9	7	0.78	6	5	0.83			
71900	MERCURY, TOTAL	Fresh Acute	2.4	31	0	0.00	12	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	2.	31	0	0.00	12	0	0.00	12	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	250	21	0.08	85	3	0.04	90	11	0.12	75	7	0.09			

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

Annual Analysis for 1983 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	11	19.2	14.982	19.9	6.4	39.236	6.264	6.52	7.	19.7	19.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	5	0.7	0.6	0.9	0.1	0.12	0.346	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	6	199.5	244.	498.	104.	20918.	144.631	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	11	7.7	8.909	12.1	7.2	3.483	1.866	7.26	7.6	10.2	12.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	6	1.2	1.333	2.5	0.5	0.675	0.821	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	6	7.1	7.083	7.4	6.8	0.046	0.214	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	6	7.1	7.041	7.4	6.8	0.048	0.219	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	6	0.079	0.091	0.158	0.04	0.002	0.043	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	6	74.	69.	90.	44.	388.4	19.708	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	6	6.5	22.833	103.	2.	1558.167	39.474	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	6	0.109	0.208	0.685	0.042	0.058	0.242	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	6	0.011	0.029	0.075	0.005	0.001	0.033	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	6	1.44	1.605	3.62	0.17	1.257	1.121	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	6	0.571	0.52	0.777	0.1	0.051	0.225	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	6	0.1	0.123	0.243	0.074	0.004	0.064	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	6	0.06	0.061	0.107	0.037	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	6	0.043	0.045	0.082	0.024	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	6	6.1	7.183	15.8	2.8	20.182	4.492	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	6	4.95	5.083	7.5	2.8	3.118	1.766	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	6	2.9	2.933	5.5	0.4	2.871	1.694	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	9600.	16066.667	54000.	1300.	377862666.667	19438.69	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	3.953	3.946	4.732	3.114	0.302	0.549	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8821.712								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	6	765.	1213.333	3300.	40.	1420066.667	1191.666	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	6	2.883	2.812	3.519	1.602	0.44	0.664	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			649.072								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	6	13.	38.667	162.	9.	3673.467	60.609	**	**	**	**

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Annual Analysis for 1984 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	31	26.	22.697	28.2	3.6	54.152	7.359	9.94	14.5	28.	28.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	7	0.6	0.643	1.6	0.2	0.206	0.454	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	11	218.	222.727	357.	119.	4273.218	65.37	125.6	173.	275.	342.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	31	6.7	7.258	13.	4.7	4.827	2.197	4.9	5.3	9.5	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	8	1.3	1.4	2.6	0.5	0.549	0.741	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	15	7.4	7.407	7.9	6.6	0.112	0.335	6.9	7.2	7.7	7.84
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	15	7.4	7.266	7.9	6.6	0.133	0.365	6.9	7.2	7.7	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	15	0.04	0.054	0.251	0.013	0.003	0.059	0.015	0.02	0.063	0.148
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	6	69.	69.	90.	44.	378.8	19.463	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	8	7.5	17.25	59.	2.	374.214	19.345	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	9	0.064	0.098	0.301	0.022	0.008	0.09	0.022	0.029	0.149	0.301
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	9	0.012	0.016	0.036	0.005	0.	0.012	0.005	0.008	0.028	0.036
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	9	1.51	1.458	2.16	0.75	0.243	0.493	0.75	1.025	1.865	2.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	9	0.366	0.467	0.926	0.22	0.06	0.244	0.22	0.252	0.655	0.926
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	9	0.078	0.085	0.145	0.046	0.001	0.03	0.046	0.067	0.106	0.145
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	9	0.032	0.036	0.108	0.013	0.001	0.03	0.013	0.016	0.044	0.108
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	9	0.022	0.025	0.085	0.004	0.001	0.025	0.004	0.004	0.032	0.085
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	3.2	8.48	19.3	1.6	69.747	8.351	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	2.65	2.6	3.8	1.3	1.127	1.061	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	8	91.	103.	140.	78.	726.857	26.96	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	8	2.05	2.088	3.4	0.7	1.37	1.17	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	4000.	5383.333	13000.	1100.	19529666.667	4419.238	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	3.591	3.599	4.114	3.041	0.148	0.385	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3975.345								

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Annual Analysis for 1984 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	6	80.	146.667	490.	10.	31066.667	176.257	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	6	1.903	1.904	2.69	1.	0.317	0.563	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.223								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	7	22.	29.286	66.	7.	563.238	23.733	**	**	**	**

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Annual Analysis for 1985 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	22	18.7	16.073	19.1	5.5	15.873	3.984	12.	12.	19.	19.07
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	4	0.7	0.625	0.7	0.4	0.022	0.15	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	22	280.	329.364	443.	239.	7594.909	87.149	258.	261.	441.	442.4
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	22	7.	8.332	12.6	5.9	5.074	2.252	6.2	6.55	11.	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3	1.1	1.067	1.1	1.	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	17	7.7	7.665	8.1	7.5	0.032	0.18	7.5	7.5	7.8	7.86
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	17	7.7	7.633	8.1	7.5	0.034	0.183	7.5	7.5	7.8	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	17	0.02	0.023	0.032	0.008	0.	0.008	0.014	0.016	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	4	71.	76.	100.	62.	306.667	17.512	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	4	8.	12.	27.	5.	102.	10.1	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	4	0.118	0.116	0.208	0.02	0.009	0.096	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	0.033	0.034	0.059	0.011	0.001	0.026	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.595	1.55	1.79	1.22	0.064	0.253	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	4	0.626	0.629	0.818	0.447	0.044	0.209	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	4	0.083	0.094	0.145	0.066	0.001	0.035	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	4	0.045	0.05	0.074	0.038	0.	0.016	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	4	0.034	0.037	0.062	0.018	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	3.	3.567	5.2	2.5	2.063	1.436	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	3.	3.2	5.5	1.1	4.87	2.207	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	4	119.	125.	160.	102.	662.667	25.742	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	7	2.3	2.457	3.5	1.5	0.853	0.924	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	2695.	29831.667	160000.	110.	4090293256.667	63955.401	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	3.28	3.435	5.204	2.041	1.286	1.134	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2722.74								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	130.	3624.286	24000.	10.	80799961.905	8988.88	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	2.114	2.233	4.38	1.	1.411	1.188	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			171.03								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	4	16.5	25.25	54.	14.	368.917	19.207	**	**	**	**

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Annual Analysis for 1986 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	73	24.6	22.689	29.6	0.8	43.017	6.559	14.6	20.25	27.5	29.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	0.8	1.006	2.4	0.5	0.342	0.585	0.57	0.6	1.1	2.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	73	368.	384.137	523.	219.	7372.925	85.866	286.	308.5	472.5	507.6
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	73	6.2	6.763	13.8	2.3	3.531	1.879	5.2	5.7	7.5	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	2.1	1.783	3.1	0.5	0.872	0.934	0.5	0.625	2.45	3.01
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	73	7.5	7.673	8.9	7.1	0.232	0.482	7.24	7.4	8.1	8.52
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	73	7.5	7.494	8.9	7.1	0.265	0.514	7.24	7.4	8.1	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	73	0.032	0.032	0.079	0.001	0.	0.022	0.003	0.008	0.04	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	78.	77.263	92.	58.	107.649	10.375	60.	70.	86.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	16	12.	11.063	19.	2.	24.996	5.	4.1	8.	14.75	18.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.096	0.1	0.272	0.	0.007	0.086	0.02	0.02	0.142	0.264

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Annual Analysis for 1986 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.03	0.057	0.182	0.005	0.003	0.053	0.015	0.019	0.086	0.17
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.09	1.167	2.02	0.27	0.263	0.513	0.59	0.76	1.63	2.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	19	0.796	0.788	2.47	0.271	0.23	0.479	0.369	0.434	0.899	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	18	0.055	0.059	0.102	0.026	0.	0.022	0.026	0.044	0.083	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	18	0.027	0.026	0.057	0.004	0.	0.016	0.005	0.015	0.04	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18 ##	0.004	0.01	0.038	0.004	0.	0.01	0.004	0.004	0.016	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.7	3.583	6.4	1.8	2.007	1.417	1.83	2.325	4.5	5.98
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	2.55	3.175	6.7	1.5	2.92	1.709	1.5	1.75	4.75	6.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	132.	137.368	180.	94.	504.023	22.45	100.	128.	156.	172.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	12	1.5	1.625	2.9	0.2	0.768	0.876	0.32	1.025	2.45	2.87
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	11	490.	795.455	2300.	20.	564747.273	751.497	50.	220.	1300.	2180.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	11	2.69	2.637	3.362	1.301	0.359	0.599	1.487	2.342	3.114	3.335
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			433.352								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	80.	225.455	790.	20.	59547.273	244.023	20.	50.	330.	730.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	1.903	2.079	2.898	1.301	0.302	0.549	1.301	1.699	2.519	2.856
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			120.024								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	12.	12.053	20.	5.	22.053	4.696	5.	8.	17.	18.

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Annual Analysis for 1987 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	88	18.8	18.266	29.	2.5	67.637	8.224	7.	9.45	26.	28.11
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.75	0.789	1.4	0.1	0.123	0.351	0.28	0.575	0.975	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	88	253.5	270.33	461.	148.	7427.994	86.186	151.	196.25	320.	406.1
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	87	6.7	5.586	11.	0.1	10.932	3.306	0.38	2.3	8.7	9.62
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.	1.622	3.1	1.	0.772	0.879	1.	1.	2.5	3.1
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	84	7.45	7.636	8.7	7.	0.224	0.473	7.2	7.3	8.	8.55
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	84	7.447	7.458	8.7	7.	0.255	0.505	7.2	7.3	8.	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	84	0.036	0.035	0.1	0.002	0.001	0.025	0.003	0.01	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	76.	74.6	98.	40.	249.305	15.789	45.	66.	88.5	93.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	8	6.	44.125	187.	2.	5362.982	73.232	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20	0.062	0.082	0.231	0.02	0.005	0.068	0.02	0.02	0.122	0.219
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	0.017	0.035	0.16	0.005	0.002	0.045	0.005	0.006	0.042	0.148
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.405	1.301	2.16	0.02	0.23	0.48	0.783	0.933	1.665	1.779
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	6 ##	0.165	0.542	2.11	0.1	0.629	0.793	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	6	0.051	0.115	0.395	0.024	0.021	0.144	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	5	0.044	0.049	0.076	0.032	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	20	0.014	0.017	0.054	0.004	0.	0.014	0.004	0.004	0.028	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	2.4	3.22	7.2	1.4	5.192	2.279	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.5	3.642	7.	1.4	2.688	1.64	1.64	2.325	4.775	6.67
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	115.	119.7	168.	70.	631.695	25.134	92.4	102.5	146.5	153.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	13.5	46.8	522.	4.	13208.379	114.928	7.	8.5	18.75	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

Annual Analysis for 1988 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	70	23.5	21.173	30.8	0.	64.692	8.043	9.2	13.65	27.325	30.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	0.7	0.681	1.2	0.1	0.116	0.341	0.17	0.35	1.025	1.13
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	70	384.	357.829	518.	165.	5905.333	76.846	253.1	275.5	417.25	423.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	69	6.3	6.826	13.9	4.	3.86	1.965	4.7	5.5	8.75	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	8	1.85	2.	3.6	0.5	0.943	0.971	**	**	**	**

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Annual Analysis for 1988 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	60	7.4	7.445	8.1	7.1	0.038	0.195	7.21	7.3	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	60	7.4	7.408	8.1	7.1	0.039	0.199	7.21	7.3	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	60	0.04	0.039	0.079	0.008	0.	0.015	0.02	0.032	0.05	0.062
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	70.	71.842	94.	36.	293.807	17.141	42.	64.	88.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	4	4.5	4.25	6.	2.	2.917	1.708	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20	0.062	0.134	0.452	0.02	0.021	0.145	0.02	0.027	0.223	0.416
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	0.022	0.056	0.247	0.005	0.005	0.072	0.005	0.015	0.065	0.224
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.29	1.408	3.08	0.74	0.318	0.564	0.822	0.988	1.755	2.079
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	2	0.347	0.347	0.464	0.229	0.028	0.166	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	16	0.016	0.016	0.035	0.004	0.	0.01	0.004	0.005	0.022	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.6	4.5	5.4	3.5	0.91	0.954	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.45	4.167	5.	3.1	0.608	0.78	3.1	3.225	4.925	5.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	122.	125.474	174.	60.	1020.819	31.95	66.	112.	150.	168.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	14.	27.684	156.	4.	1285.45	35.853	4.	12.	25.	72.

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Annual Analysis for 1989 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	68	24.5	20.637	27.1	2.6	48.357	6.954	11.36	15.2	25.8	26.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.7	0.744	1.5	0.3	0.114	0.338	0.39	0.475	1.	1.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	57	291.	277.86	348.	194.	1773.623	42.114	215.	238.5	303.	344.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	68	8.	8.326	13.5	6.	2.264	1.505	6.19	7.5	9.4	10.41
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.1	1.033	1.7	0.5	0.197	0.444	0.5	0.5	1.375	1.67
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	68	7.7	7.69	8.6	7.2	0.071	0.267	7.4	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	68	7.7	7.623	8.6	7.2	0.076	0.275	7.4	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	68	0.02	0.024	0.063	0.003	0.	0.012	0.01	0.016	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	72.	70.5	94.	44.	191.526	13.839	50.2	56.5	81.5	87.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	19	12.	13.895	27.	4.	54.655	7.393	5.	8.	19.	25.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20	0.062	0.063	0.128	0.02	0.001	0.032	0.02	0.043	0.079	0.122
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.012	0.015	0.055	0.005	0.	0.013	0.005	0.005	0.018	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.26	1.272	1.67	0.89	0.041	0.201	0.95	1.16	1.42	1.65
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	14	0.627	0.636	1.	0.37	0.024	0.154	0.431	0.512	0.737	0.875
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	12	0.059	0.062	0.106	0.008	0.001	0.032	0.013	0.036	0.095	0.104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	12	0.043	0.047	0.094	0.005	0.001	0.027	0.009	0.029	0.069	0.091
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18	0.024	0.031	0.061	0.004	0.	0.019	0.007	0.017	0.052	0.055
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.4	3.483	7.1	1.7	2.223	1.491	1.82	2.4	3.9	6.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.1	3.267	5.6	1.7	1.039	1.019	1.91	2.6	3.875	5.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	118.	114.3	144.	76.	346.221	18.607	90.	96.5	129.	139.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	5	2.8	2.04	3.4	0.5	2.023	1.422	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	5	270.	560.	1100.	110.	246350.	496.337	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	5	2.431	2.58	3.041	2.041	0.199	0.446	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			379.833								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	220.	269.6	790.	40.	92050.8	303.399	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	2.342	2.207	2.898	1.602	0.256	0.506	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			161.164								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	15.5	16.8	33.	5.	91.747	9.578	6.	8.	26.	31.8

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

Annual Analysis for 1990 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	88	20.55	18.842	27.5	0.5	52.042	7.214	5.9	12.9	25.175	26.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.6	0.661	1.7	0.	0.175	0.419	0.09	0.375	0.775	1.43
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	80	256.	264.413	406.	178.	3247.891	56.99	182.	228.25	306.5	347.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	87	7.8	8.186	12.8	4.8	4.595	2.144	5.9	6.2	10.2	12.04
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.6	1.475	2.5	0.5	0.442	0.665	0.5	0.7	1.975	2.38
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	89	7.5	7.507	8.8	6.9	0.158	0.398	7.2	7.2	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	89	7.5	7.388	8.8	6.9	0.173	0.415	7.2	7.2	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	89	0.032	0.041	0.126	0.002	0.001	0.026	0.02	0.025	0.063	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	68.	63.684	102.	0.	405.45	20.136	46.	56.	74.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	18	21.	27.278	98.	5.	603.742	24.571	5.	15.25	27.5	86.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	18	0.112	0.123	0.268	0.04	0.005	0.068	0.049	0.059	0.162	0.244
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	18	0.019	0.021	0.073	0.005	0.	0.016	0.005	0.012	0.027	0.042
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	18	1.39	1.457	2.07	1.01	0.102	0.319	1.046	1.168	1.695	1.971
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	19	0.665	0.678	1.67	0.311	0.082	0.286	0.41	0.5	0.75	0.905
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	19	0.091	0.118	0.425	0.05	0.008	0.088	0.052	0.061	0.125	0.212
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	19	0.053	0.069	0.288	0.011	0.004	0.062	0.019	0.03	0.073	0.137
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	17	0.037	0.041	0.105	0.004	0.001	0.026	0.004	0.021	0.06	0.077
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.2	4.767	7.5	2.9	2.513	1.585	3.02	3.6	6.425	7.41
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.2	4.467	6.7	2.9	1.47	1.212	2.96	3.675	5.175	6.67
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	102.	104.526	158.	86.	278.596	16.691	88.	92.	114.	120.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	2.9	2.6	3.6	0.5	0.98	0.99	0.58	2.5	3.3	3.54
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	1	9500.	9500.	9500.	9500.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	1	3.978	3.978	3.978	3.978	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9500.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	3.23	3.23	3.23	3.23	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1700.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	24.	40.526	162.	10.	1936.263	44.003	14.	17.	42.	156.

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Annual Analysis for 1991 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	98	23.2	21.501	30.3	3.7	50.766	7.125	9.6	15.15	28.	28.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.8	0.783	1.1	0.5	0.021	0.147	0.59	0.675	0.9	0.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	98	330.5	322.602	449.	193.	5424.304	73.65	209.3	250.	389.	411.1
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	98	7.25	7.974	13.1	4.5	5.471	2.339	5.2	6.375	10.225	12.41
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.55	1.76	3.8	0.5	1.103	1.05	0.5	1.1	2.375	3.74
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	98	7.4	7.487	8.3	7.	0.092	0.304	7.2	7.275	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	98	7.4	7.396	8.3	7.	0.101	0.317	7.2	7.275	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	98	0.04	0.04	0.1	0.005	0.001	0.024	0.013	0.02	0.053	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	86.	87.579	116.	56.	268.702	16.392	56.	80.	100.	112.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	18	12.5	14.056	28.	2.	55.232	7.432	5.6	8.75	19.25	26.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.101	0.137	0.377	0.02	0.009	0.097	0.02	0.069	0.189	0.32
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.029	0.039	0.084	0.005	0.001	0.03	0.005	0.013	0.077	0.082
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.34	1.478	2.28	0.48	0.283	0.532	0.58	1.14	1.98	2.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	19	0.752	0.741	1.33	0.191	0.096	0.309	0.302	0.448	0.865	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	19	0.069	0.085	0.287	0.042	0.004	0.061	0.047	0.051	0.084	0.21
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	19	0.034	0.037	0.071	0.	0.	0.015	0.023	0.03	0.044	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	19	0.017	0.021	0.045	0.006	0.	0.011	0.007	0.014	0.027	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.65	5.217	9.4	3.2	3.274	1.809	3.23	3.825	6.475	8.65
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.65	4.75	6.3	3.2	1.223	1.106	3.23	3.775	5.85	6.27
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	136.	129.789	184.	0.	1686.175	41.063	92.	104.	158.	172.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	12	2.4	2.3	3.8	0.3	1.076	1.037	0.51	1.375	2.95	3.71
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	17.	29.474	252.	12.	2918.485	54.023	13.	14.	21.	25.

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

Annual Analysis for 1992 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	82	21.9	20.109	29.6	2.4	42.998	6.557	8.8	15.1	25.1	26.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	15	0.8	0.7	1.4	0.	0.131	0.363	0.18	0.4	0.9	1.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	82	285.	278.037	392.	191.	2001.221	44.735	213.6	239.5	298.25	338.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	76	7.3	8.003	13.3	0.	4.381	2.093	6.4	6.725	9.625	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.6	1.37	2.5	0.	0.642	0.801	0.05	0.5	1.925	2.45
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	82	7.6	7.648	8.4	7.2	0.049	0.222	7.43	7.5	7.7	7.97
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	82	7.6	7.602	8.4	7.2	0.052	0.227	7.43	7.5	7.7	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	82	0.025	0.025	0.063	0.004	0.	0.01	0.011	0.02	0.032	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	80.	78.526	102.	48.	324.374	18.01	50.	64.	94.	102.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.055	0.063	0.187	0.02	0.002	0.048	0.02	0.02	0.096	0.142
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.013	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.016	0.028
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.42	1.408	1.85	1.01	0.062	0.249	1.03	1.2	1.59	1.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	15	0.58	0.57	1.27	0.265	0.063	0.25	0.276	0.425	0.623	1.038
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	17	0.077	0.078	0.119	0.026	0.	0.021	0.048	0.07	0.088	0.113
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	17	0.048	0.047	0.067	0.017	0.	0.014	0.027	0.037	0.059	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	19	0.037	0.035	0.052	0.	0.	0.013	0.016	0.028	0.044	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.7	3.527	5.	0.	1.962	1.401	0.48	3.2	4.5	4.94
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.3	3.345	5.1	0.	1.863	1.365	0.54	2.7	4.2	5.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	132.	126.211	170.	60.	855.064	29.241	86.	100.	146.	170.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	18	2.55	2.389	4.2	0.3	0.998	0.999	0.48	1.8	2.9	4.02
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	300.	343.333	700.	230.	31706.667	178.064	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	2.477	2.5	2.845	2.362	0.032	0.178	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			316.218								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	6	230.	193.333	300.	40.	8586.667	92.664	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	6	2.362	2.213	2.477	1.602	0.104	0.322	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			163.325								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	15.	23.842	84.	10.	371.251	19.268	10.	10.	32.	54.

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

Annual Analysis for 1993 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	95	21.5	20.882	30.6	2.5	42.407	6.512	11.66	17.2	25.6	27.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.8	0.883	2.5	0.2	0.273	0.523	0.29	0.6	1.2	1.33
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	95	364.	343.853	451.	144.	4185.446	64.695	230.2	318.	380.	419.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	95	7.5	7.887	14.8	2.9	5.766	2.401	5.16	6.4	9.6	10.98
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	11	1.6	1.718	3.5	0.5	1.028	1.014	0.5	1.	2.7	3.34
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	89	7.5	7.627	9.	6.1	0.329	0.574	7.	7.2	7.8	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	89	7.5	7.277	9.	6.1	0.453	0.673	7.	7.2	7.8	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	89	0.032	0.053	0.794	0.001	0.011	0.107	0.003	0.016	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	82.	78.8	118.	34.	581.116	24.106	46.	60.25	100.5	110.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	10	0.095	0.088	0.2	0.02	0.003	0.05	0.02	0.058	0.1	0.19
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	17	0.05	0.077	0.28	0.02	0.005	0.074	0.02	0.02	0.1	0.232
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	12	0.035	0.045	0.17	0.005	0.002	0.049	0.005	0.005	0.065	0.149
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.525	1.545	1.81	1.32	0.057	0.238	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.02	0.036	0.13	0.005	0.002	0.039	0.005	0.01	0.04	0.122
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.5	3.891	7.3	1.1	3.389	1.841	1.36	2.6	5.4	7.14
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	2.1	2.345	4.9	1.1	1.393	1.18	1.14	1.3	3.	4.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	134.	127.8	166.	74.	748.589	27.36	79.2	112.5	150.5	163.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	16	2.35	2.45	3.9	1.2	0.612	0.782	1.41	1.825	3.175	3.62
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	230.	1230.	8000.	80.	7519257.143	2742.126	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	2.362	2.525	3.903	1.903	0.386	0.621	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			334.604								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	105.	451.25	2800.	10.	907726.786	952.747	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	2.009	2.108	3.447	1.	0.469	0.685	**	**	**	**

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

Annual Analysis for 1993 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			128.138								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	10.	27.737	175.	5.	1866.871	43.207	7.	7.	25.	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 1994 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	81	21.8	19.594	29.3	1.1	51.159	7.153	4.78	16.8	25.4	27.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	0.8	0.844	1.2	0.4	0.053	0.231	0.47	0.7	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	81	352.	337.938	537.	232.	3886.559	62.342	249.	284.	381.	392.2
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	81	7.8	8.446	14.8	5.	5.668	2.381	6.2	6.4	10.	12.86
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.55	1.683	4.5	0.5	1.525	1.235	0.5	0.5	2.4	4.08
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	81	7.6	7.744	8.7	6.7	0.301	0.549	7.	7.5	8.25	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	81	7.6	7.462	8.7	6.7	0.382	0.618	7.	7.5	8.25	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	81	0.025	0.034	0.2	0.002	0.001	0.039	0.002	0.006	0.032	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	88.	83.3	112.	58.	230.853	15.194	60.	73.	93.	103.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	18	0.1	0.147	0.7	0.02	0.026	0.162	0.02	0.078	0.125	0.43
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	6	0.175	0.18	0.41	0.02	0.026	0.16	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	12	0.03	0.069	0.41	0.005	0.013	0.112	0.005	0.01	0.082	0.317
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	2	1.605	1.605	1.95	1.26	0.238	0.488	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	9	0.01	0.016	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	2.15	2.513	4.1	1.65	1.177	1.085	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	1.45	1.65	2.4	1.3	0.257	0.507	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	140.	135.15	194.	13.	1387.292	37.246	95.6	120.5	159.5	166.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	28	1.65	3.05	12.2	0.5	10.853	3.294	0.86	1.1	2.9	8.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	22	944.	1692.455	9021.	230.	6307528.45	2511.479	239.9	263.	1251.	7279.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	22	2.975	2.933	3.955	2.362	0.237	0.487	2.379	2.42	3.097	3.821
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			857.348								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	201.5	342.	1652.	51.	217896.174	466.794	51.	93.	254.75	1298.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	2.3	2.272	3.218	1.708	0.204	0.452	1.708	1.968	2.405	3.096
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			186.975								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	9.	10.95	35.	4.	54.155	7.359	6.	7.	12.	25.5

** - 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 NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	74	20.2	20.03	30.	0.2	40.354	6.353	12.2	16.95	25.	28.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	17	1.2	1.135	1.6	0.8	0.05	0.223	0.8	0.95	1.25	1.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	74	322.	329.054	532.	213.	4064.792	63.756	257.5	294.75	352.5	391.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	74	7.85	8.023	17.4	5.2	3.443	1.856	6.15	7.1	8.4	9.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.3	1.1	1.7	0.5	0.216	0.465	0.5	0.5	1.45	1.67
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	74	7.6	7.63	8.3	7.1	0.118	0.343	7.2	7.4	7.7	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	74	7.6	7.524	8.3	7.1	0.129	0.359	7.2	7.4	7.7	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	74	0.025	0.03	0.079	0.005	0.	0.018	0.005	0.02	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	21	82.	76.571	96.	0.	409.257	20.23	58.	70.	89.	91.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	18	8.	8.944	17.	2.	19.114	4.372	2.	5.5	13.	14.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	11	0.074	0.085	0.22	0.02	0.003	0.057	0.02	0.052	0.115	0.203
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	10	0.02	0.019	0.031	0.005	0.	0.009	0.006	0.01	0.028	0.031
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	5	1.21	1.25	1.44	1.06	0.028	0.169	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	2	0.039	0.039	0.053	0.024	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	21	132.	123.381	176.	0.	1305.048	36.125	91.6	103.	143.5	157.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	8	2.7	2.863	5.	1.4	1.688	1.299	**	**	**	**

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

Annual Analysis for 1995 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	9	900.	939.333	2200.	70.	426378.25	652.976	70.	446.5	1325.5	2200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	9	2.954	2.793	3.342	1.845	0.273	0.522	1.845	2.436	3.122	3.342
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			620.224								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	75.	421.6	1100.	22.	226450.489	475.868	23.8	47.5	941.	1084.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	1.874	2.218	3.041	1.342	0.462	0.68	1.368	1.675	2.974	3.035
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			165.214								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	21	6.	6.524	17.	0.	11.362	3.371	4.	5.	7.	11.

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

Annual Analysis for 1996 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	59	24.	20.885	26.5	1.9	40.699	6.38	12.6	16.4	25.3	25.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	17	0.4	0.588	1.2	0.1	0.13	0.36	0.18	0.3	0.95	1.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	59	257.	258.254	345.	186.	1317.848	36.302	215.	221.	288.	303.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	59	8.4	8.995	13.5	6.9	1.952	1.397	7.4	8.2	10.	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.15	1.48	3.2	0.5	0.908	0.953	0.53	0.875	2.	3.2
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	59	7.9	7.958	8.9	6.3	0.253	0.503	7.4	7.8	8.2	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	59	7.9	7.616	8.9	6.3	0.372	0.61	7.4	7.8	8.2	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	59	0.013	0.024	0.501	0.001	0.004	0.065	0.002	0.006	0.016	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	56.	59.316	96.	25.	475.561	21.807	30.	42.	79.	95.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	16	12.	29.688	239.	1.	3331.829	57.722	2.4	6.5	26.75	110.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	6	0.051	0.084	0.208	0.03	0.005	0.07	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	142.	130.263	166.	25.	1129.094	33.602	102.	110.	158.	166.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	9	3000.	7188.889	25000.	800.	87476111.111	9352.866	800.	1750.	13500.	25000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	9	3.477	3.57	4.398	2.903	0.257	0.507	2.903	3.228	4.021	4.398
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3718.436								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	12	650.	2207.5	12400.	80.	12466311.364	3530.766	122.	232.5	2800.	10180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	12	2.801	2.921	4.093	1.903	0.413	0.643	2.035	2.365	3.443	3.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			832.755								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	22.	25.789	132.	4.	779.62	27.922	7.	10.	32.	38.

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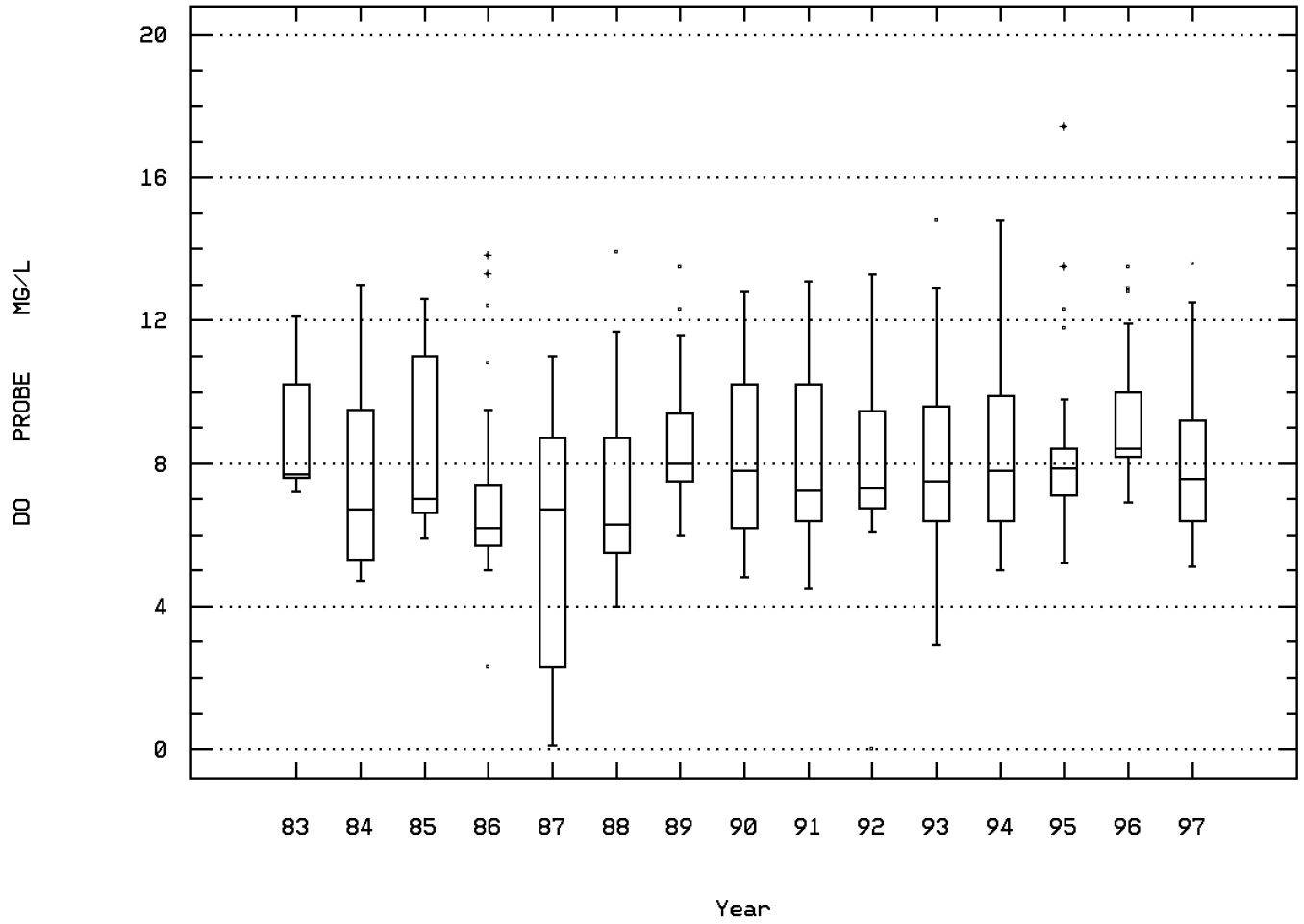
Annual Analysis for 1997 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	94	21.3	19.762	28.4	1.9	41.819	6.467	12.2	13.875	24.85	27.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	20	1.05	1.085	2.4	0.5	0.175	0.418	0.62	0.825	1.1	1.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	94	326.5	340.	648.	199.	9043.914	95.099	257.	292.	370.25	418.5
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	94	7.55	7.787	13.6	5.1	3.462	1.861	5.5	6.375	9.2	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	0.85	1.03	2.4	0.2	0.529	0.727	0.22	0.475	1.5	2.37
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	94	7.5	7.7	8.6	7.2	0.192	0.438	7.2	7.4	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	94	7.5	7.537	8.6	7.2	0.219	0.468	7.2	7.4	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	94	0.032	0.029	0.063	0.003	0.	0.02	0.004	0.008	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	77.	76.45	138.	42.	380.155	19.498	56.2	62.25	86.	89.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	16	7.	7.438	16.	2.	21.063	4.589	2.	2.	10.75	15.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	14	0.086	0.091	0.214	0.01	0.004	0.061	0.017	0.047	0.15	0.193
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.021	0.021	0.042	0.002	0.	0.012	0.003	0.011	0.028	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	144.	148.35	200.	106.	585.292	24.193	116.8	131.25	168.75	179.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	8.	10.368	30.	5.	34.801	5.899	5.	7.	15.	15.

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Station: NACC0030 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



HAINS POINT, WASH., D.C.

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	461	25.1	24.912	30.8	15.2	10.407	3.226	20.1	23.4	27.2	28.68
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	77	0.8	0.765	1.4	0.1	0.059	0.244	0.48	0.6	0.9	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	432	344.	341.109	537.	179.	4079.689	63.872	249.3	299.	376.	418.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	460	6.7	6.739	10.9	0.1	1.97	1.404	5.2	5.9	7.5	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	46	1.55	1.78	4.5	0.5	0.794	0.891	0.94	1.175	2.15	3.22
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	442	7.5	7.546	8.8	6.8	0.122	0.35	7.2	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	442	7.5	7.435	8.8	6.8	0.135	0.367	7.2	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	442	0.032	0.037	0.158	0.002	0.001	0.025	0.01	0.02	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	85	84.	81.365	138.	32.	291.734	17.08	56.	71.	91.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	63	9.	14.696	239.	0.02	970.362	31.151	0.1	4.	17.	23.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	72	0.098	0.126	0.685	0.	0.011	0.106	0.02	0.056	0.179	0.254
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	63	0.048	0.062	0.247	0.005	0.003	0.056	0.011	0.02	0.082	0.159
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	56	1.225	1.271	3.62	0.02	0.318	0.564	0.695	0.888	1.45	2.035
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	39	0.736	0.737	1.27	0.425	0.029	0.17	0.528	0.61	0.802	0.968
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	38	0.083	0.083	0.178	0.043	0.001	0.025	0.053	0.069	0.091	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	38	0.039	0.043	0.107	0.	0.001	0.024	0.016	0.03	0.059	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	57	0.024	0.025	0.082	0.004	0.	0.019	0.004	0.004	0.041	0.052
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	28	4.15	4.175	6.9	1.6	2.403	1.55	2.06	2.85	5.325	6.52
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	35	4.	4.	7.	1.3	2.492	1.579	1.66	2.8	5.1	6.32
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	85	138.	136.047	180.	13.	802.95	28.336	101.2	126.	156.	166.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	46	2.3	2.902	12.2	0.4	6.594	2.568	0.97	1.4	2.925	6.31
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	12 ##	2.5	2.875	7.	2.5	1.688	1.299	2.5	2.5	2.5	5.65
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	12 ##	5.	5.917	16.	5.	10.083	3.175	5.	5.	5.	12.7
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	12 ##	10.	9.5	14.	5.	12.545	3.542	5.	5.	12.5	13.55
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	12	352.75	559.542	2212.	190.	301310.248	548.917	213.7	299.25	680.25	1769.5
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	12 ##	25.	23.125	25.	2.5	42.188	6.495	9.25	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	23.	184.136	1590.	2.5	219611.705	468.627	4.	11.	119.	1301.6
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	30	1175.5	2380.667	17000.	70.	14647115.885	3827.155	221.	292.5	2325.	7570.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	30	3.069	3.002	4.23	1.845	0.35	0.592	2.344	2.466	3.366	3.874
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1004.593								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	112.	281.941	1900.	10.	173725.572	416.804	30.	57.75	247.5	1000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	2.044	2.128	3.279	1.	0.28	0.529	1.452	1.761	2.391	2.998
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			134.255								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	12 ##	0.1	0.125	0.3	0.1	0.004	0.062	0.1	0.1	0.1	0.27
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	85	13.	17.588	156.	4.	459.936	21.446	7.	10.	17.5	25.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	207	9.6	10.684	21.5	0.	27.683	5.261	3.94	6.	15.3	17.32
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	78	0.8	0.909	2.5	0.	0.303	0.55	0.3	0.475	1.2	1.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	198	288.	307.909	648.	104.	8868.205	94.171	194.	238.	381.25	439.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	199	9.5	9.497	17.4	0.	8.899	2.983	6.9	7.8	12.	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	64	1.1	1.217	3.2	0.5	0.564	0.751	0.5	0.5	1.6	2.3
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	196	7.6	7.655	8.8	6.3	0.149	0.386	7.3	7.4	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	196	7.6	7.5	8.8	6.3	0.173	0.416	7.3	7.4	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	196	0.025	0.032	0.501	0.002	0.002	0.04	0.006	0.016	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	91	70.	70.681	116.	0.	386.664	19.664	46.	58.	84.	95.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	63	6.	12.934	103.	0.02	370.953	19.26	0.22	2.	15.	27.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	78	0.053	0.079	0.452	0.01	0.006	0.076	0.02	0.02	0.096	0.191
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	69	0.011	0.016	0.075	0.005	0.	0.015	0.005	0.005	0.021	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	61	1.65	1.581	3.08	0.89	0.149	0.386	1.054	1.32	1.79	2.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	42	0.448	0.512	1.67	0.1	0.098	0.312	0.136	0.337	0.611	0.887
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	42	0.06	0.091	0.425	0.024	0.007	0.082	0.027	0.046	0.096	0.211

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Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	41	0.038	0.051	0.288	0.011	0.002	0.047	0.016	0.028	0.058	0.101
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	69	0.021	0.029	0.13	0.	0.001	0.024	0.007	0.014	0.035	0.061
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	46	3.8	4.468	15.8	0.	9.586	3.096	1.755	2.4	5.3	7.36
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	50	3.4	3.42	7.5	0.	2.732	1.653	1.31	2.15	4.5	5.59
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	87	122.	123.161	200.	0.	1141.299	33.783	89.6	102.	148.	164.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	52	2.45	2.365	5.3	0.3	1.576	1.255	0.62	1.1	3.375	3.81
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	12 ##	2.5	2.375	2.5	1.	0.188	0.433	1.45	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	12 ##	5.	5.208	10.	2.5	2.794	1.671	3.25	5.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	12 ##	12.5	11.25	12.5	5.	8.523	2.919	5.	12.5	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	12	587.	639.583	1832.	144.	227208.992	476.664	180.9	291.	817.5	1640.3
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	13 ##	25.	17.385	36.	2.5	149.34	12.22	2.5	2.5	25.	31.6
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	12	28.	34.667	119.	5.	1054.061	32.466	6.5	10.	52.25	102.5
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	10 ##	2.5	2.75	5.	2.5	0.625	0.791	2.5	2.5	2.5	4.75
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	38	1022.	4665.316	54000.	93.	94174723.357	9704.366	170.	263.	5300.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	38	3.008	3.092	4.732	1.968	0.514	0.717	2.23	2.42	3.722	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1236.043								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	39	330.	1079.179	12400.	10.	4539761.941	2130.672	68.	130.	944.	2800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	39	2.519	2.576	4.093	1.	0.435	0.659	1.833	2.114	2.975	3.447
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			376.679								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	90	12.5	25.333	252.	0.	1589.528	39.869	5.	7.	25.	54.

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	366	20.	19.76	29.	7.	32.546	5.705	12.4	15.1	25.1	27.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	68	0.8	0.76	1.4	0.	0.104	0.323	0.3	0.6	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	360	283.	285.292	633.	148.	6390.174	79.939	192.	238.	318.	380.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	366	8.1	7.992	12.8	0.2	4.986	2.233	5.5	6.7	9.6	10.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	35	1.6	1.526	3.2	0.	0.797	0.893	0.46	0.5	2.3	2.74
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	351	7.6	7.727	9.	6.1	0.264	0.514	7.2	7.4	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	351	7.6	7.465	9.	6.1	0.333	0.577	7.2	7.4	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	351	0.025	0.034	0.794	0.001	0.004	0.059	0.003	0.008	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	75	76.	71.88	118.	0.	348.539	18.669	44.	59.	86.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-11/17/97	54	11.	17.034	187.	0.07	939.29	30.648	0.1	5.75	15.25	28.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	58	0.079	0.103	0.422	0.02	0.01	0.098	0.02	0.033	0.121	0.282
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	55	0.015	0.027	0.41	0.005	0.003	0.055	0.005	0.01	0.027	0.046
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	47	1.27	1.246	2.27	0.27	0.101	0.318	0.88	1.09	1.43	1.596
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-09/21/92	32	0.614	0.716	2.47	0.191	0.242	0.492	0.268	0.424	0.839	1.264
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	31	0.072	0.085	0.395	0.008	0.004	0.064	0.043	0.059	0.102	0.124
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	31	0.04	0.041	0.084	0.005	0.	0.021	0.007	0.028	0.055	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	53	0.018	0.022	0.054	0.002	0.	0.016	0.004	0.009	0.03	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	22	3.6	4.527	19.3	1.9	12.742	3.57	2.19	3.15	4.5	7.17
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	26	3.55	3.473	5.6	1.5	1.136	1.066	1.98	2.625	4.25	4.93
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	75	116.	118.147	194.	60.	729.235	27.004	87.2	98.	136.	156.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	33	2.4	2.164	4.	0.2	1.005	1.002	0.5	1.2	3.	3.3
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	7 ##	5.	5.357	7.5	5.	0.893	0.945	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	7 ##	12.5	9.286	12.5	5.	16.071	4.009	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	7	1018.	1064.143	2560.	146.	700269.476	836.821	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	7 ##	25.	21.786	25.	2.5	72.321	8.504	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	7	38.	52.143	110.	10.	1563.476	39.541	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	21	800.	9634.571	160000.	20.	1209390957.457	34776.299	114.	265.	2457.5	18580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	21	2.903	2.914	5.204	1.301	0.708	0.841	2.056	2.419	3.369	4.212

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			820.473								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	23	93.	1350.783	24000.	10.	24768153.905	4976.761	20.	50.	300.	2120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	23	1.968	2.18	4.38	1.	0.567	0.753	1.301	1.699	2.477	3.248
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			151.456								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	75	14.	28.573	522.	4.	3955.194	62.89	6.6	8.	25.	47.4

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

Station Inventory for Station: NACC0031

NPS Station ID: NACC0031 LAT/LON: 38.850560/ -77.022504 Agency: 21DCBAWQ Date Created: 10/28/86
Location: HAINS POINT NORTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA27
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: HAINS POINT NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	122	18.3	17.162	32.1	2.	75.201	8.672	5.53	8.275	25.5	27.61
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	96.	61.733	100.	0.	2025.067	45.001	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	5	0.1	0.26	0.7	0.	0.103	0.321	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	120	297.5	306.292	534.	103.	5757.284	75.877	215.3	256.5	352.75	418.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	118	8.2	8.51	13.7	0.3	5.61	2.369	5.99	7.05	10.3	11.71
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	114	7.6	7.625	8.8	6.7	0.146	0.382	7.1	7.4	7.8	8.15
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	114	7.6	7.478	8.8	6.7	0.168	0.41	7.1	7.4	7.8	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	114	0.025	0.033	0.2	0.002	0.001	0.03	0.007	0.016	0.04	0.079
04378	WAVE STATE CODE	04/02/96-12/03/96	8	1000.	1250.	2000.	1000.	214285.714	462.91	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0031

				Total	Exceed	Prop.	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	118	4	0.03	42	0	0.00	40	3	0.08	36	1	0.03			
00400	PH	Fresh Chronic	9.	114	0	0.00	42	0	0.00	38	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	114	0	0.00	42	0	0.00	38	0	0.00	34	0	0.00			

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

Annual Analysis for 1983 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	3	8.	11.767	19.3	8.	42.563	6.524	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	3	201.	229.333	384.	103.	20342.333	142.627	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	3	9.4	9.433	10.6	8.3	1.323	1.15	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	16.2	16.075	28.8	4.	86.979	9.326	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	6	267.5	248.333	353.	130.	6388.267	79.927	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	7	8.2	8.5	12.5	4.6	7.237	2.69	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	5	7.7	7.58	7.9	7.	0.127	0.356	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	5	7.7	7.444	7.9	7.	0.15	0.388	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	5	0.02	0.036	0.1	0.013	0.001	0.036	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	22.5	19.913	28.3	5.6	66.784	8.172	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	268.	276.25	345.	234.	1913.929	43.748	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.5	9.012	12.2	6.5	3.721	1.929	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.8	7.757	8.2	7.3	0.09	0.299	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.8	7.67	8.2	7.3	0.098	0.314	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	7	0.016	0.021	0.05	0.006	0.	0.015	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	19.9	17.89	27.7	5.1	73.597	8.579	5.17	7.975	25.425	27.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	333.	356.1	476.	258.	6514.767	80.714	260.8	290.5	451.5	474.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.1	7.711	12.3	5.5	4.714	2.171	5.5	6.1	9.15	12.3
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.56	8.3	6.8	0.216	0.465	6.83	7.25	7.95	8.28
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.354	8.3	6.8	0.263	0.513	6.83	7.25	7.95	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.032	0.044	0.158	0.005	0.002	0.046	0.005	0.011	0.057	0.151

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

Annual Analysis for 1987 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	12	12.35	14.533	29.1	2.4	94.655	9.729	2.61	6.55	25.6	28.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	12	274.	288.833	434.	208.	5212.515	72.198	210.1	220.75	338.25	416.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	12	7.6	6.483	10.9	0.3	12.649	3.557	0.78	2.85	9.55	10.54
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	12	7.45	7.425	8.2	6.7	0.149	0.386	6.82	7.125	7.7	8.05
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	12	7.447	7.272	8.2	6.7	0.175	0.418	6.82	7.125	7.7	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	12	0.036	0.053	0.2	0.006	0.003	0.052	0.01	0.02	0.075	0.163

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

Annual Analysis for 1988 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	18.25	17.75	32.1	4.	86.936	9.324	4.22	10.025	25.125	31.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	351.5	342.3	534.	213.	10876.678	104.291	213.7	227.5	417.25	523.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	10	8.5	8.83	12.	5.4	4.791	2.189	5.52	6.975	10.75	11.95
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.66	8.7	7.1	0.298	0.546	7.11	7.35	7.85	8.69
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.468	8.7	7.1	0.339	0.582	7.11	7.35	7.85	8.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.032	0.034	0.079	0.002	0.001	0.024	0.002	0.019	0.046	0.078

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

Annual Analysis for 1989 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	12.1	13.433	27.4	2.4	108.87	10.434	2.4	2.75	24.5	27.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	303.	316.	462.	252.	3871.25	62.219	252.	274.	335.5	462.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	9.5	9.075	11.9	5.	6.896	2.626	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.8	7.789	8.8	7.2	0.294	0.542	7.2	7.25	8.2	8.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.8	7.56	8.8	7.2	0.352	0.594	7.2	7.25	8.2	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.016	0.028	0.063	0.002	0.001	0.025	0.002	0.006	0.057	0.063

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

Annual Analysis for 1990 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	20.	17.2	26.6	5.1	75.182	8.671	5.2	7.6	25.5	26.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	258.	274.3	356.	183.	3529.789	59.412	187.3	229.75	336.75	355.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	10	8.7	9.11	13.7	6.	6.714	2.591	6.02	6.725	11.3	13.52
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.5	8.	7.1	0.093	0.306	7.1	7.25	7.8	7.98
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.41	8.	7.1	0.102	0.32	7.1	7.25	7.8	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.032	0.039	0.079	0.01	0.001	0.025	0.011	0.016	0.057	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	20.1	20.867	28.5	5.5	63.608	7.975	5.5	15.35	28.25	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	329.	336.556	409.	265.	2686.278	51.829	265.	291.5	391.	409.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	8.	8.422	11.8	5.4	3.692	1.921	5.4	7.3	10.05	11.8
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.6	7.633	8.2	7.1	0.11	0.332	7.1	7.4	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.6	7.527	8.2	7.1	0.123	0.35	7.1	7.4	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.025	0.03	0.079	0.006	0.	0.022	0.006	0.013	0.04	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	17.7	16.678	26.8	5.3	74.909	8.655	5.3	7.05	25.	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	305.	307.889	419.	262.	2424.361	49.238	262.	268.	326.	419.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	9.1	9.233	12.9	6.4	4.073	2.018	6.4	7.6	10.6	12.9

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

Annual Analysis for 1992 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.689	8.	7.5	0.034	0.183	7.5	7.5	7.85	8.
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.657	8.	7.5	0.035	0.186	7.5	7.5	7.85	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.022	0.032	0.01	0.	0.008	0.01	0.014	0.032	0.032

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

Annual Analysis for 1993 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	21.35	19.425	31.7	6.3	77.459	8.801	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	348.5	325.75	428.	205.	4713.071	68.652	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	7.85	8.175	10.7	5.	3.816	1.954	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.6	7.557	7.8	7.2	0.056	0.237	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.6	7.5	7.8	7.2	0.06	0.245	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	7	0.025	0.032	0.063	0.016	0.	0.018	**	**	**	**

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

Annual Analysis for 1994 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	16.7	17.411	30.	5.6	82.159	9.064	5.6	8.7	26.7	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	325.	325.667	431.	223.	6121.75	78.242	223.	248.	396.	431.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	8.2	8.933	12.1	6.6	4.513	2.124	6.6	7.1	11.3	12.1
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.733	8.6	7.	0.173	0.415	7.	7.6	7.85	8.6
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.57	8.6	7.	0.202	0.45	7.	7.6	7.85	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.027	0.1	0.003	0.001	0.028	0.003	0.014	0.025	0.1

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

Annual Analysis for 1995 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	21.9	18.811	29.4	2.	89.949	9.484	2.	10.4	26.25	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	342.	334.222	453.	206.	5908.694	76.868	206.	283.	392.5	453.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.4	9.238	12.9	7.1	4.606	2.146	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.6	7.744	8.4	7.1	0.2	0.448	7.1	7.35	8.15	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.6	7.56	8.4	7.1	0.239	0.488	7.1	7.35	8.15	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.025	0.028	0.079	0.004	0.001	0.025	0.004	0.007	0.045	0.079

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

Annual Analysis for 1996 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	18.65	15.95	24.3	6.8	42.783	6.541	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	253.5	248.125	290.	214.	850.696	29.167	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.05	8.313	11.1	6.	2.83	1.682	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	8	7.6	7.575	7.8	7.3	0.022	0.149	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	8	7.6	7.552	7.8	7.3	0.023	0.151	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	8	0.025	0.028	0.05	0.016	0.	0.01	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	44	25.95	25.025	32.1	16.2	14.029	3.746	19.15	22.2	27.3	29.25
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	44	334.	327.659	450.	206.	3328.044	57.689	248.	281.75	361.25	410.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	42	7.4	7.376	12.	5.	1.729	1.315	6.	6.475	8.	8.79
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	42	7.55	7.583	8.7	7.	0.123	0.351	7.13	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	42	7.547	7.471	8.7	7.	0.136	0.369	7.13	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	42	0.028	0.034	0.1	0.002	0.001	0.023	0.01	0.016	0.05	0.075

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	42	6.15	7.695	21.5	2.	19.534	4.42	2.73	5.25	8.925	13.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	42	290.	299.048	534.	103.	8394.485	91.621	203.1	236.25	346.25	447.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	40	10.3	9.982	13.7	1.9	6.854	2.618	7.34	8.925	11.775	12.48
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	38	7.6	7.653	8.8	6.8	0.147	0.383	7.1	7.475	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	38	7.6	7.502	8.8	6.8	0.17	0.413	7.1	7.475	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	38	0.025	0.031	0.158	0.002	0.001	0.029	0.006	0.016	0.034	0.079

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	36	18.3	18.597	28.8	8.8	32.474	5.699	10.69	14.225	23.75	26.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	34	270.	287.588	453.	183.	4959.098	70.421	214.	233.	310.25	425.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	36	8.45	8.197	11.1	0.3	4.971	2.229	5.28	7.1	10.05	10.9
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	34	7.6	7.647	8.6	6.7	0.18	0.424	7.1	7.4	7.8	8.25
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	34	7.6	7.461	8.6	6.7	0.215	0.464	7.1	7.4	7.8	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	34	0.025	0.035	0.2	0.003	0.001	0.037	0.006	0.016	0.04	0.079

** - Less than 9 observations ## - Computed 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: NACC0032

NPS Station ID: NACC0032 LAT/LON: 38.850560/ -77.022504 Agency: 21DCBAWQ Date Created: 10/28/86
Location: POTOMAC CONFLUENCE G.R. D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): ANA29
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.120 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.14 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: POTOMAC CONFLUENCE D.C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	568	20.7	19.573	31.6	0.	57.546	7.586	6.8	14.75	25.7	27.9
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	50	50.	52.32	100.	0.	2251.977	47.455	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	136	0.75	0.81	3.5	0.	0.193	0.44	0.37	0.6	1.	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	539	302.	305.631	533.	32.	6225.817	78.904	207.	245.	364.	411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	560	7.6	7.901	16.7	1.6	5.786	2.405	5.31	6.4	9.3	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	146	1.5	1.7	5.4	0.	1.001	1.001	0.5	1.075	2.4	2.96
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	524	7.6	7.555	8.9	6.5	0.141	0.376	7.1	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	524	7.6	7.403	8.9	6.5	0.164	0.405	7.1	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	524	0.025	0.04	0.316	0.001	0.001	0.038	0.01	0.016	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	155	76.	74.535	120.	30.	322.887	17.969	49.2	62.	88.	96.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	108	9.	11.955	139.	0.02	262.337	16.197	0.08	4.	14.75	25.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	130	0.075	0.102	0.47	0.018	0.008	0.089	0.02	0.02	0.149	0.23
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	127	0.018	0.029	0.16	0.005	0.001	0.029	0.005	0.01	0.036	0.069
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	120	1.32	1.27	2.69	0.11	0.286	0.535	0.3	0.942	1.625	1.877
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	81	0.577	0.611	1.57	0.	0.099	0.315	0.245	0.396	0.827	0.958
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/95-08/15/95	1	3.06	3.06	3.06	3.06	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-06/04/96	4	2.75	2.6	3.8	1.1	1.247	1.117	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	81	0.068	0.071	0.302	0.	0.002	0.043	0.031	0.046	0.091	0.112
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	79	0.04	0.043	0.157	0.	0.001	0.028	0.011	0.024	0.059	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	114	0.022	0.026	0.095	0.	0.	0.02	0.004	0.01	0.036	0.052
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	98	3.6	3.818	13.3	0.	3.335	1.826	1.88	2.7	4.725	5.9
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	114	3.2	3.291	8.4	0.	2.027	1.424	1.6	2.375	4.2	4.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	154	122.	120.24	256.	8.	1478.066	38.446	76.	100.75	146.	164.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/83-12/15/83	3	32.	43.667	67.	32.	408.333	20.207	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	102	2.35	2.325	5.1	0.3	1.343	1.159	0.7	1.4	3.3	3.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-10/07/91	15	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/94-01/10/95	6	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-01/10/95	29	## 2.5	2.948	17.	1.	7.381	2.717	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-01/10/95	29	## 5.	5.5	16.	2.5	5.571	2.36	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-01/10/95	29	## 12.5	9.69	12.5	5.	12.436	3.526	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-01/10/95	28	472.5	605.304	2237.	186.	203997.654	451.661	222.2	305.	790.25	1099.6
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-01/10/95	29	## 25.	19.655	25.	2.5	93.18	9.653	2.5	15.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-01/10/95	29	20.	29.828	134.	0.	875.576	29.59	7.	12.	29.5	77.

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

Parameter Inventory for Station: NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	20 ##	2.5	2.625	5.	2.5	0.313	0.559	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/11/83-12/15/83	3	2900.	6066.667	13000.	2300.	36143333.333	6011.933	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/11/83-12/15/83	3	3.462	3.646	4.114	3.362	0.167	0.408	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4426.119								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	92	230.	974.946	24000.	10.	7616370.733	2759.777	20.	78.5	930.	2120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	92	2.362	2.369	4.38	1.	0.541	0.736	1.301	1.895	2.968	3.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			233.936								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/91-04/14/92	6	600.	4990.	22000.	40.	75290200.	8676.993	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/91-04/14/92	6	2.753	2.955	4.342	1.602	0.967	0.983	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			902.587								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/09/91	16	3350.	11822.5	96000.	0.	560488633.333	23674.641	392.	1200.	16325.	44200.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/09/91	16	3.521	3.403	4.982	0.	1.194	1.093	1.924	3.079	4.197	4.534
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			2529.162								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-10/15/86	30	4.	7.45	27.	0.	61.747	7.858	0.5	0.5	15.25	20.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-10/15/86	30	10.5	12.9	48.	0.5	167.766	12.952	0.5	2.	19.25	31.8
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-01/10/95	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	157	14.	19.987	174.	2.	576.025	24.001	7.	9.	20.	35.

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

EPA Water Quality Criteria Analysis for Station: NACC0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	560	29	0.05	250	5	0.02	109	6	0.06	201	18	0.09			
00400	PH	Fresh Chronic	9.	524	0	0.00	229	0	0.00	110	0	0.00	185	0	0.00			
		Other-Lo Lim.	6.5	524	1	0.00	229	0	0.00	110	1	0.01	185	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	127	0	0.00	38	0	0.00	56	0	0.00	33	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	120	0	0.00	38	0	0.00	51	0	0.00	31	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00				2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	50.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	29	1	0.03	10	0	0.00	12	1	0.08	7	0	0.00			
		Drinking Water	5.	29	1	0.03	10	0	0.00	12	1	0.08	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	29	0	0.00	10	0	0.00	12	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	29	0	0.00	10	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	1300.	29	0	0.00	10	0	0.00	12	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	29	0	0.00	10	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	15.	7 &	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	29	1	0.03	10	1	0.10	12	0	0.00	7	0	0.00			
		Drinking Water	5000.	29	0	0.00	10	0	0.00	12	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	20	0	0.00	6	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	20	0	0.00	6	0	0.00	10	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	92	56	0.61	33	19	0.58	37	30	0.81	22	7	0.32			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	5	0.83	1	1	1.00	4	4	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	30	0	0.00	10	0	0.00	13	0	0.00	7	0	0.00			
		Drinking Water	2.	30	0	0.00	10	0	0.00	13	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	157	10	0.06	54	0	0.00	65	8	0.12	38	2	0.05			

& - 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 1983 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	19.5	16.613	19.6	8.	28.264	5.316	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	3	0.5	0.4	0.6	0.1	0.07	0.265	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	3	211.	232.333	383.	103.	19941.333	141.214	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	7.95	8.675	11.8	7.9	2.119	1.456	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	3	2.3	2.1	2.5	1.5	0.28	0.529	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	3	6.8	6.767	6.9	6.6	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	3	6.8	6.748	6.9	6.6	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	3	0.158	0.179	0.251	0.126	0.004	0.065	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	3	70.	67.333	90.	42.	581.333	24.111	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	3	14.	19.667	39.	6.	296.333	17.214	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	3	0.09	0.156	0.299	0.078	0.015	0.124	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	3	0.016	0.029	0.067	0.005	0.001	0.033	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	3	1.48	1.803	2.69	1.24	0.604	0.777	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	3	0.471	0.505	0.721	0.323	0.04	0.201	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	3	0.12	0.172	0.302	0.093	0.013	0.114	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	3	0.066	0.078	0.106	0.062	0.001	0.024	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	3	0.048	0.048	0.05	0.045	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	3	5.7	5.8	6.3	5.4	0.21	0.458	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	3	4.1	3.067	4.6	0.5	5.003	2.237	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	3	2.2	2.1	3.3	0.8	1.57	1.253	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	3	1700.	2633.333	4900.	1300.	3893333.333	1973.153	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	3	3.23	3.345	3.69	3.114	0.093	0.305	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2212.396								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	3	16.	63.333	162.	12.	7305.333	85.471	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	28	26.1	20.911	28.7	0.5	76.561	8.75	5.35	14.325	28.15	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	8	0.7	0.65	0.8	0.3	0.031	0.177	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	224.	229.125	355.	120.	6605.839	81.276	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	27	7.5	6.73	13.8	2.3	11.551	3.399	2.6	3.5	9.6	11.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	8	1.85	1.825	2.9	0.5	0.668	0.817	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	14	7.8	7.586	8.4	6.5	0.203	0.45	6.75	7.375	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	14	7.8	7.311	8.4	6.5	0.284	0.533	6.75	7.375	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	14	0.016	0.049	0.316	0.004	0.006	0.081	0.01	0.016	0.042	0.208
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	9	78.	76.667	100.	50.	376.	19.391	50.	57.	95.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	7	15.	22.286	56.	4.	344.905	18.572	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	9	0.13	0.145	0.326	0.022	0.013	0.114	0.022	0.047	0.246	0.326
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	9	0.017	0.025	0.062	0.005	0.	0.02	0.005	0.009	0.043	0.062
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	9	1.45	1.41	1.79	0.85	0.099	0.314	0.85	1.14	1.665	1.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	8	0.472	0.518	0.87	0.244	0.05	0.225	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	0.068	0.081	0.163	0.057	0.001	0.035	0.057	0.059	0.097	0.163
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	8	0.032	0.04	0.104	0.017	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	8	0.022	0.027	0.072	0.004	0.	0.021	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	4	2.65	3.4	6.3	2.	3.967	1.992	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	4	2.35	2.825	4.6	2.	1.429	1.195	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	9	82.	95.111	162.	26.	1784.111	42.239	26.	70.	133.	162.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	9	2.7	2.256	3.5	0.3	1.63	1.277	0.3	1.05	3.45	3.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	7	490.	988.571	3100.	80.	1445247.619	1202.185	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	7	2.69	2.681	3.491	1.903	0.346	0.588	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			480.054								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	9	16.	26.111	78.	15.	432.361	20.793	15.	15.	32.	78.

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

Annual Analysis for 1985 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	40	25.7	22.065	28.2	5.5	38.955	6.241	12.3	18.325	26.25	27.69
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	9	0.8	0.756	1.	0.4	0.035	0.188	0.4	0.6	0.9	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	40	302.5	298.475	350.	232.	1939.23	44.037	238.	254.25	342.75	349.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	40	7.6	7.693	12.3	5.3	3.116	1.765	5.41	6.15	9.325	9.99
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	9	1.8	1.656	2.7	0.5	0.693	0.832	0.5	0.75	2.35	2.7
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	25	7.7	7.544	8.1	6.6	0.188	0.434	6.7	7.6	7.8	7.84
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	25	7.7	7.273	8.1	6.6	0.265	0.515	6.7	7.6	7.8	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	25	0.02	0.053	0.251	0.008	0.005	0.073	0.015	0.016	0.026	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	7	70.	71.286	90.	58.	137.571	11.729	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	9	9.	8.889	20.	2.	26.861	5.183	2.	5.	11.	20.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	9 ##	0.02	0.096	0.277	0.02	0.012	0.108	0.02	0.02	0.216	0.277
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	9	0.023	0.029	0.068	0.005	0.	0.021	0.005	0.013	0.049	0.068
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	9	1.31	1.301	1.74	0.87	0.076	0.275	0.87	1.095	1.49	1.74
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	0.642	0.629	0.952	0.401	0.051	0.225	0.401	0.417	0.875	0.952
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	0.085	0.081	0.11	0.053	0.	0.018	0.053	0.065	0.094	0.11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	9	0.046	0.043	0.066	0.021	0.	0.014	0.021	0.033	0.052	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	9	0.021	0.026	0.054	0.004	0.	0.017	0.004	0.014	0.039	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	9	3.1	2.967	5.5	0.5	2.928	1.711	0.5	1.3	4.3	5.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	9	2.8	2.411	4.3	0.5	1.686	1.299	0.5	1.2	3.4	4.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	8	109.	110.375	138.	82.	546.268	23.372	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	6	2.45	2.283	3.4	0.6	1.522	1.234	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	6	105.	121.667	230.	10.	8576.667	92.61	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	6	2.009	1.907	2.362	1.	0.264	0.514	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.645								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	7	14.	12.	17.	5.	19.333	4.397	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	51	21.4	20.459	28.6	1.9	45.486	6.744	9.2	16.7	25.4	27.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.7	0.71	1.3	0.1	0.121	0.348	0.14	0.5	1.025	1.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	50	363.	363.54	490.	237.	6002.866	77.478	285.1	291.	460.75	487.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	49	6.8	7.133	12.2	5.3	2.366	1.538	5.6	6.15	7.7	8.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	11	2.7	2.555	4.4	0.5	1.373	1.172	0.6	1.5	3.3	4.26
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	50	7.5	7.736	8.9	6.8	0.289	0.538	7.1	7.375	8.2	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	50	7.5	7.488	8.9	6.8	0.352	0.593	7.1	7.375	8.2	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	50	0.032	0.033	0.158	0.001	0.001	0.031	0.002	0.006	0.042	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	13	76.	70.231	90.	40.	315.359	17.758	41.6	53.5	86.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	11	9.	9.273	17.	2.	25.418	5.042	2.4	5.	14.	17.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12	0.123	0.124	0.25	0.02	0.009	0.096	0.02	0.02	0.228	0.245
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.023	0.04	0.103	0.005	0.001	0.033	0.008	0.017	0.073	0.097
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	12	1.02	0.978	1.95	0.11	0.409	0.64	0.122	0.26	1.588	1.872
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	12	0.621	0.646	0.959	0.361	0.043	0.207	0.37	0.45	0.852	0.939
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	12	0.055	0.056	0.076	0.033	0.	0.014	0.035	0.046	0.069	0.075
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	12	0.026	0.03	0.064	0.005	0.	0.018	0.008	0.017	0.042	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11 ##	0.004	0.013	0.041	0.004	0.	0.014	0.004	0.004	0.024	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.2	3.5	5.8	1.6	1.496	1.223	1.69	2.9	4.25	5.65
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.05	2.908	4.4	1.	1.034	1.017	1.18	2.125	3.425	4.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	13	36.	62.231	180.	8.	3369.692	58.049	12.8	20.	106.	173.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	12	1.5	1.583	2.9	0.3	0.811	0.9	0.33	0.775	2.375	2.87
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	9	90.	131.111	330.	50.	8686.111	93.199	50.	65.	185.	330.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	9	1.954	2.033	2.519	1.699	0.078	0.28	1.699	1.801	2.254	2.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			107.941								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	13	12.	16.077	48.	7.	112.244	10.595	7.8	10.	20.	37.2

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

Annual Analysis for 1987 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	57	16.1	16.988	29.9	2.4	77.98	8.831	6.8	7.6	26.	26.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.8	0.82	1.6	0.1	0.231	0.48	0.11	0.5	1.125	1.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	57	218.	256.684	443.	138.	8512.363	92.262	140.	204.	335.	441.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	57	7.5	6.591	10.9	1.6	8.059	2.839	2.28	3.15	9.05	9.62
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	12	1.6	1.65	3.1	0.5	0.672	0.82	0.5	1.125	2.275	2.98
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	57	7.3	7.335	8.	6.6	0.104	0.323	7.	7.	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	57	7.3	7.222	8.	6.6	0.117	0.343	7.	7.	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	57	0.05	0.06	0.251	0.01	0.002	0.046	0.016	0.025	0.1	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	79.	76.5	100.	52.	275.182	16.589	53.8	60.	90.75	98.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	5	6.	32.2	139.	2.	3581.2	59.843	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12 ##	0.033	0.08	0.224	0.02	0.006	0.08	0.02	0.02	0.148	0.22
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.018	0.029	0.125	0.005	0.001	0.034	0.005	0.005	0.041	0.102
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	12	1.415	1.485	2.42	0.77	0.214	0.463	0.821	1.195	1.848	2.267
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	4	0.31	0.369	0.756	0.1	0.079	0.281	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	4	0.044	0.068	0.149	0.036	0.003	0.054	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	4	0.041	0.042	0.059	0.027	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	12	0.021	0.021	0.05	0.	0.	0.014	0.001	0.006	0.029	0.045
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	5	2.1	2.44	4.7	1.5	1.678	1.295	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	2.75	2.925	5.	1.5	1.122	1.059	1.65	2.075	3.6	4.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	112.	114.25	170.	60.	1152.386	33.947	63.	92.75	141.5	167.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	13.5	28.25	174.	7.	2173.477	46.621	7.6	10.	19.5	133.2

** - 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 1988 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	43	22.1	21.1	31.6	0.	61.795	7.861	9.28	14.7	28.1	30.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.7	0.83	2.4	0.2	0.353	0.595	0.22	0.55	0.85	2.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	43	378.	348.349	533.	174.	8283.709	91.015	191.	292.	413.	428.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	43	6.3	7.267	14.	3.7	6.234	2.497	4.54	5.3	9.5	10.46
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	10	1.9	2.05	3.6	0.5	1.189	1.091	0.57	1.2	3.025	3.58
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	43	7.4	7.516	8.6	7.2	0.119	0.346	7.24	7.3	7.6	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	43	7.4	7.432	8.6	7.2	0.127	0.356	7.24	7.3	7.6	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	43	0.04	0.037	0.063	0.003	0.	0.016	0.01	0.025	0.05	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	77.	77.	120.	38.	534.909	23.128	39.8	64.5	90.	114.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	3	10.	13.667	29.	2.	192.333	13.868	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	11	0.057	0.075	0.258	0.02	0.006	0.078	0.02	0.02	0.12	0.24
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.019	0.032	0.094	0.005	0.001	0.03	0.005	0.007	0.055	0.087
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	12	1.325	1.264	1.92	0.39	0.217	0.465	0.504	0.873	1.593	1.911
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	2	0.358	0.358	0.512	0.203	0.048	0.218	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	10	0.02	0.016	0.026	0.004	0.	0.01	0.004	0.004	0.025	0.026
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	3	3.6	4.167	5.4	3.5	1.143	1.069	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.6	3.617	5.4	2.1	0.8	0.894	2.25	2.875	4.075	5.16
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	117.	128.417	192.	70.	1181.72	34.376	79.3	107.	160.5	185.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	13.	19.083	72.	2.	362.811	19.048	2.9	9.75	21.75	61.8

** - 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 1989 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	33	23.7	19.727	27.6	2.3	66.256	8.14	2.8	18.4	25.	27.42
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	12	0.75	0.85	1.3	0.5	0.099	0.315	0.5	0.55	1.2	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	31	293.	303.581	437.	205.	2541.052	50.409	253.6	269.	336.	360.6

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

Annual Analysis for 1989 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	29	7.5	7.959	12.2	3.1	5.363	2.316	4.1	7.2	9.1	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	12	1.4	1.283	2.4	0.5	0.412	0.642	0.5	0.5	1.775	2.22
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	29	7.6	7.621	8.5	6.8	0.158	0.398	7.1	7.35	7.8	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	29	7.6	7.447	8.5	6.8	0.189	0.435	7.1	7.35	7.8	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	29	0.025	0.036	0.158	0.003	0.001	0.038	0.005	0.016	0.045	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	74.	72.167	90.	50.	160.333	12.662	50.6	64.5	81.5	89.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	12	12.5	13.	24.	4.	24.364	4.936	5.5	9.5	16.	21.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12	0.081	0.082	0.142	0.02	0.002	0.042	0.02	0.056	0.126	0.142
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.017	0.031	0.127	0.01	0.001	0.036	0.011	0.013	0.026	0.113
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	12	1.29	1.299	1.88	0.8	0.112	0.335	0.824	1.053	1.525	1.859
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	10	0.579	0.505	0.868	0.	0.102	0.319	0.	0.263	0.77	0.863
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	0.016	0.042	0.132	0.	0.002	0.049	0.	0.	0.083	0.132
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	8	0.03	0.036	0.099	0.	0.002	0.039	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11	0.026	0.026	0.052	0.004	0.	0.017	0.005	0.01	0.041	0.051
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.65	4.1	13.3	1.7	9.1	3.017	1.79	2.575	4.125	10.6
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.35	3.542	7.8	2.2	2.354	1.534	2.23	2.425	4.05	6.72
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	112.	114.833	134.	86.	251.242	15.851	89.	103.	131.5	134.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	5	3.4	3.04	3.5	1.7	0.588	0.767	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	5	460.	1891.6	7900.	78.	11332332.8	3366.353	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	5	2.663	2.761	3.898	1.892	0.532	0.73	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			576.163								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	13	13.	14.923	32.	7.	60.744	7.794	7.	8.	21.	29.2

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

Annual Analysis for 1990 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	52	22.75	19.919	26.9	0.5	44.667	6.683	9.	17.625	25.5	26.07
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.7	0.85	1.5	0.5	0.116	0.341	0.51	0.6	1.025	1.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	51	239.	260.294	375.	178.	3362.612	57.988	212.	227.	312.	359.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	52	7.65	7.912	14.2	4.2	4.163	2.04	5.43	6.125	9.375	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	12	1.35	1.217	2.3	0.5	0.28	0.529	0.5	0.65	1.475	2.09
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	52	7.5	7.387	8.4	6.9	0.078	0.28	7.	7.2	7.575	7.67
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	52	7.5	7.304	8.4	6.9	0.085	0.292	7.	7.2	7.575	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	52	0.032	0.05	0.126	0.004	0.001	0.032	0.022	0.027	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	62.	65.667	88.	38.	223.152	14.938	42.8	54.5	79.5	86.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	12	16.	18.583	54.	2.	174.265	13.201	3.2	12.	24.25	45.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12	0.095	0.115	0.314	0.02	0.006	0.078	0.028	0.077	0.133	0.282
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.015	0.022	0.069	0.005	0.	0.019	0.005	0.011	0.032	0.062
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	12	1.4	1.521	2.66	1.14	0.178	0.422	1.146	1.23	1.753	2.402
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	12	0.599	0.642	1.26	0.	0.092	0.303	0.13	0.517	0.808	1.166
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	12	0.071	0.074	0.173	0.	0.002	0.045	0.01	0.039	0.1	0.155
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	12	0.044	0.045	0.123	0.	0.001	0.034	0.003	0.02	0.065	0.11
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	12	0.028	0.032	0.084	0.	0.001	0.027	0.001	0.005	0.052	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	4.25	4.183	7.	2.7	1.203	1.097	2.85	3.3	4.575	6.34
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	4.05	4.075	7.	2.7	1.291	1.136	2.85	3.2	4.55	6.34
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	102.	109.667	180.	78.	860.242	29.33	80.4	88.5	124.	169.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	11	3.1	2.673	3.6	0.5	0.94	0.97	0.68	2.3	3.4	3.56
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	1	330.	330.	330.	330.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	1	2.519	2.519	2.519	2.519	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			330.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	19.5	24.917	90.	9.	458.265	21.407	9.3	15.25	26.5	71.7

** - 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 NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	52	19.7	19.317	28.4	6.2	54.305	7.369	6.7	16.15	26.75	28.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	11	0.9	0.791	1.2	0.	0.107	0.327	0.1	0.7	1.	1.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	52	303.	306.827	427.	32.	6081.558	77.984	202.	264.25	381.75	387.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	52	7.5	8.392	12.5	5.	4.469	2.114	6.46	7.225	9.8	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	12	1.15	1.558	5.4	0.	2.292	1.514	0.15	0.5	2.475	4.62
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	52	7.6	7.556	8.2	6.9	0.07	0.264	7.3	7.4	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	52	7.6	7.478	8.2	6.9	0.076	0.275	7.3	7.4	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	52	0.025	0.033	0.126	0.006	0.	0.022	0.013	0.016	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	18	84.	85.333	102.	64.	88.471	9.406	71.2	83.	90.	100.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	12	10.5	11.583	34.	2.	75.902	8.712	2.6	5.	14.25	29.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12	0.103	0.127	0.305	0.02	0.009	0.094	0.02	0.047	0.193	0.29
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.018	0.031	0.088	0.005	0.001	0.03	0.005	0.005	0.053	0.086
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	12	1.455	1.454	2.46	0.63	0.301	0.549	0.663	0.985	1.843	2.313
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	12	0.773	0.783	1.57	0.216	0.211	0.459	0.234	0.335	1.03	1.567
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	12	0.059	0.061	0.099	0.033	0.001	0.023	0.034	0.039	0.078	0.099
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	12	0.036	0.036	0.069	0.005	0.	0.018	0.01	0.025	0.04	0.068
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	12	0.014	0.024	0.095	0.006	0.001	0.026	0.008	0.014	0.02	0.083
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	4.3	4.142	7.1	0.	3.306	1.818	0.78	2.95	5.325	6.71
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	4.35	4.067	8.4	0.	4.452	2.11	0.48	2.65	5.05	7.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	18	146.	142.333	256.	84.	1175.647	34.288	102.	120.5	148.	164.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	12	2.55	2.3	3.7	0.3	1.235	1.111	0.45	1.4	3.175	3.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	19	16.	16.263	26.	11.	15.316	3.914	13.	14.	16.	26.

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

Annual Analysis for 1992 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	33	21.8	20.176	27.7	2.7	47.148	6.866	6.8	16.6	25.65	27.22
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	12	0.8	0.758	1.2	0.2	0.077	0.278	0.29	0.525	1.	1.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	33	322.	332.697	453.	266.	2903.343	53.883	270.4	290.5	351.	425.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	33	8.5	8.812	13.4	6.1	4.926	2.219	6.3	6.9	11.3	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	12	1.55	1.525	3.1	0.	0.791	0.889	0.15	1.	2.2	2.95
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	33	7.7	7.676	8.2	7.4	0.029	0.171	7.5	7.5	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	33	7.7	7.647	8.2	7.4	0.03	0.174	7.5	7.5	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	33	0.02	0.023	0.04	0.006	0.	0.008	0.013	0.02	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	11	78.	77.636	94.	50.	171.055	13.079	52.8	70.	88.	93.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	12	0.074	0.097	0.276	0.02	0.006	0.078	0.02	0.042	0.147	0.253
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	12	0.019	0.021	0.06	0.005	0.	0.016	0.005	0.007	0.03	0.052
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	11	1.4	1.451	1.81	1.23	0.04	0.201	1.23	1.28	1.63	1.788
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	0.657	0.671	1.31	0.213	0.137	0.37	0.213	0.354	0.999	1.31
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	11	0.084	0.072	0.1	0.024	0.001	0.027	0.025	0.045	0.092	0.099
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	11	0.054	0.059	0.157	0.016	0.001	0.036	0.02	0.04	0.06	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	12	0.042	0.039	0.066	0.	0.	0.019	0.004	0.025	0.051	0.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.65	3.892	6.6	0.	2.704	1.645	0.96	3.3	4.925	6.36
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	12	3.1	3.333	6.2	0.	2.095	1.447	0.75	2.925	3.95	5.72
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	128.	125.333	156.	90.	293.333	17.127	94.8	115.	137.5	150.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	12	2.65	2.458	4.1	0.4	1.139	1.067	0.43	2.225	3.075	3.83
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	8	230.	166.25	230.	20.	8083.929	89.911	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	8	2.362	2.114	2.362	1.301	0.151	0.389	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.161								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	11	15.	21.636	84.	8.	486.255	22.051	8.2	9.	27.	73.

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

Annual Analysis for 1993 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	49	22.3	20.039	31.3	5.3	53.617	7.322	11.1	11.7	25.5	30.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.7	0.75	1.4	0.3	0.129	0.36	0.31	0.4	1.05	1.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	49	369.	329.347	424.	158.	5868.606	76.607	204.	296.	378.	422.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	49	8.7	8.612	14.5	4.6	5.972	2.444	5.1	6.55	10.9	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	11	1.9	1.982	3.7	0.5	1.128	1.062	0.5	1.4	2.9	3.64
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	44	7.6	7.493	7.9	6.9	0.083	0.288	7.1	7.125	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	44	7.6	7.394	7.9	6.9	0.093	0.305	7.1	7.125	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	44	0.025	0.04	0.126	0.013	0.001	0.029	0.016	0.02	0.075	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	11	80.	73.636	106.	34.	598.255	24.459	36.8	50.	98.	104.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	5	0.08	0.07	0.1	0.02	0.001	0.032	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	10	0.07	0.083	0.23	0.02	0.005	0.07	0.02	0.02	0.118	0.224
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	9	0.03	0.037	0.16	0.005	0.002	0.05	0.005	0.005	0.045	0.16
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	3	1.46	1.597	1.99	1.34	0.12	0.346	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	8	0.02	0.027	0.08	0.005	0.001	0.024	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	10	3.45	4.11	6.8	2.	4.019	2.005	2.01	2.325	6.1	6.79
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	10	2.3	2.95	5.3	1.3	2.283	1.511	1.33	1.675	4.425	5.25
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	11	128.	124.182	184.	74.	1257.964	35.468	76.	90.	158.	180.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	10	2.25	2.47	3.8	1.6	0.5	0.707	1.6	1.975	2.925	3.75
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	8	230.	502.5	3000.	10.	1028307.143	1014.055	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	8	2.362	2.103	3.477	1.	0.661	0.813	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			126.879								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	11	9.	24.909	85.	6.	830.291	28.815	6.2	7.	35.	83.

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

Annual Analysis for 1994 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	46	16.6	16.648	29.6	0.8	81.593	9.033	5.7	9.9	26.05	29.03
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	9	0.9	1.178	3.5	0.6	0.792	0.89	0.6	0.75	1.1	3.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	46	331.	320.152	429.	221.	5958.754	77.193	223.	226.5	401.	412.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	46	8.	9.03	15.8	5.	8.167	2.858	6.11	6.4	11.275	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	12	1.5	1.767	4.5	0.5	1.655	1.287	0.5	0.625	2.675	4.23
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	46	7.6	7.585	8.7	6.8	0.12	0.346	7.	7.5	7.7	7.86
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	46	7.6	7.445	8.7	6.8	0.14	0.374	7.	7.5	7.7	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	46	0.025	0.036	0.158	0.002	0.001	0.035	0.014	0.02	0.032	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	79.	78.833	110.	46.	382.879	19.567	48.4	63.	93.5	107.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	12	0.075	0.15	0.8	0.02	0.049	0.221	0.02	0.025	0.175	0.65
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	4	0.11	0.178	0.47	0.02	0.04	0.2	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	8	0.02	0.028	0.07	0.005	0.001	0.025	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	1	1.64	1.64	1.64	1.64	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	6	0.025	0.023	0.03	0.01	0.	0.008	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	4	2.7	3.225	5.9	1.6	3.476	1.864	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	4	2.2	2.475	4.1	1.4	1.423	1.193	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	156.	149.25	190.	116.	706.75	26.585	117.2	121.	168.25	189.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	18	1.4	2.278	5.1	0.7	2.79	1.67	0.7	1.025	3.625	5.1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	22	230.	463.364	1652.	10.	352518.528	593.733	13.	51.	1251.	1531.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	22	2.362	2.185	3.218	1.	0.548	0.74	1.09	1.708	3.097	3.182
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			153.168								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	8.	9.833	26.	5.	32.152	5.67	5.3	7.	12.25	22.1

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

Annual Analysis for 1995 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	36	24.6	20.033	29.	0.9	69.402	8.331	4.88	14.375	25.7	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	13	1.2	1.1	1.7	0.	0.245	0.495	0.24	0.75	1.5	1.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	36	315.5	310.444	450.	220.	3685.625	60.709	225.7	271.	349.	384.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	35	7.1	8.151	16.7	6.7	5.32	2.307	6.76	6.8	8.6	12.22
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	11	1.3	1.527	3.7	0.5	0.87	0.933	0.5	1.1	1.9	3.48
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	36	7.6	7.625	8.7	7.1	0.189	0.435	7.1	7.3	7.925	8.23
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	36	7.6	7.462	8.7	7.1	0.217	0.465	7.1	7.3	7.925	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	36	0.025	0.034	0.079	0.002	0.001	0.026	0.006	0.012	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	77.	80.667	108.	72.	110.061	10.491	72.	72.5	86.5	102.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	9	4.	5.444	11.	2.	10.528	3.245	2.	3.	8.5	11.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	8	0.05	0.08	0.199	0.02	0.004	0.066	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	5 ##	0.005	0.009	0.018	0.005	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	133.	135.167	172.	104.	337.061	18.359	108.8	122.5	147.5	165.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	4	2.55	2.6	3.5	1.8	0.567	0.753	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	12	700.	627.75	1400.	20.	299294.932	547.079	20.6	40.	1173.25	1370.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	12	2.827	2.427	3.146	1.301	0.562	0.749	1.313	1.602	3.066	3.136
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			267.501								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	5.	6.083	10.	3.	4.811	2.193	3.6	5.	7.75	10.

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

Annual Analysis for 1996 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	40	18.8	19.283	26.3	5.6	23.825	4.881	9.91	18.3	23.175	26.09
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	9	0.5	0.489	0.8	0.1	0.054	0.232	0.1	0.3	0.7	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	40	279.	270.45	427.	203.	2005.792	44.786	213.1	232.5	302.	310.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	40	8.65	8.395	12.3	6.2	1.66	1.288	6.82	7.525	8.8	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	11	1.7	1.564	2.5	0.2	0.601	0.775	0.26	1.1	2.4	2.5
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	40	7.85	7.78	8.2	7.3	0.056	0.237	7.4	7.6	8.	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	40	7.847	7.714	8.2	7.3	0.061	0.246	7.4	7.6	8.	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	40	0.014	0.019	0.05	0.006	0.	0.012	0.01	0.01	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	11	58.	58.091	100.	30.	569.291	23.86	30.8	36.	85.	97.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	7	11.	16.571	33.	8.	83.619	9.144	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	4	0.04	0.039	0.059	0.018	0.	0.017	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	11	136.	138.	174.	104.	379.2	19.473	106.4	130.	146.	172.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	11	1300.	3645.455	24000.	20.	49692407.273	7049.284	32.	300.	3000.	20600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	11	3.114	2.923	4.38	1.301	0.766	0.875	1.421	2.477	3.477	4.273
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			836.894								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	11	15.	31.545	100.	8.	915.073	30.25	8.2	10.	36.	95.

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	255	25.7	24.846	31.6	16.1	12.808	3.579	19.	23.2	27.5	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	45	0.7	0.711	1.1	0.	0.043	0.208	0.5	0.6	0.8	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	242	345.	336.496	468.	188.	3781.645	61.495	239.	299.	378.	412.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	250	6.8	6.794	10.9	2.3	1.68	1.296	5.31	6.1	7.5	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	47	2.2	2.185	5.4	0.2	1.131	1.064	1.	1.3	2.8	3.7
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	229	7.5	7.479	8.7	6.6	0.112	0.335	7.1	7.3	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	229	7.5	7.356	8.7	6.6	0.128	0.357	7.1	7.3	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	229	0.032	0.044	0.251	0.002	0.001	0.038	0.013	0.02	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	54	84.	81.037	102.	36.	190.64	13.807	60.	76.	90.	97.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	33	10.	12.611	56.	0.02	128.055	11.316	0.082	5.	18.5	24.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	40	0.13	0.137	0.314	0.02	0.008	0.088	0.02	0.065	0.21	0.257
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	38	0.05	0.054	0.16	0.013	0.001	0.032	0.017	0.028	0.07	0.089
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	38	1.2	1.212	2.69	0.3	0.385	0.621	0.3	0.808	1.44	2.424
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	24	0.827	0.797	1.56	0.346	0.068	0.261	0.43	0.646	0.9	1.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	26	0.083	0.083	0.132	0.	0.001	0.024	0.061	0.071	0.095	0.114
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	26	0.05	0.049	0.099	0.	0.	0.022	0.02	0.034	0.065	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	35	0.021	0.026	0.095	0.004	0.	0.022	0.004	0.004	0.044	0.051
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	31	4.2	4.042	6.8	1.7	1.621	1.273	2.04	3.1	5.	5.78
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	38	3.75	3.587	5.4	1.8	1.145	1.07	2.	2.5	4.45	5.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	54	141.	132.667	190.	20.	1121.698	33.492	88.5	115.5	148.5	167.
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	32	2.25	2.288	5.1	0.3	1.397	1.182	0.73	1.275	3.15	3.57
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-01/10/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-01/10/95	10 ##	5.	6.1	16.	5.	12.1	3.479	5.	5.	5.	14.9
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-01/10/95	10 ##	10.5	9.6	12.5	5.	11.044	3.323	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-01/10/95	9	475.	486.222	792.	206.	52432.944	228.982	206.	295.5	750.	792.
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-01/10/95	10 ##	25.	23.	25.	5.	40.	6.325	7.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-01/10/95	10	20.	30.2	134.	0.	1473.511	38.386	0.9	9.75	28.75	125.2
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	33	230.	1603.212	24000.	10.	19453614.547	4410.625	44.	51.	1251.	5440.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	33	2.362	2.427	4.38	1.	0.628	0.793	1.641	1.708	3.097	3.704
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			267.132								
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-01/10/95	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	54	15.	14.537	38.	5.	44.329	6.658	7.	10.	16.	24.5

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	112	7.6	8.996	19.	0.	28.669	5.354	2.3	5.6	12.3	18.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	54	0.85	0.926	3.5	0.1	0.314	0.56	0.3	0.575	1.2	1.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	111	266.	294.135	533.	32.	10080.718	100.403	202.	213.	401.	428.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	109	10.1	10.245	16.7	2.	7.743	2.783	7.5	8.75	12.3	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	63	1.4	1.387	4.4	0.	0.669	0.818	0.5	0.5	1.8	2.56
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	110	7.7	7.605	8.7	6.5	0.137	0.371	7.1	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	110	7.7	7.43	8.7	6.5	0.168	0.41	7.1	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	110	0.02	0.037	0.316	0.002	0.002	0.046	0.01	0.016	0.032	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	64	72.	70.609	120.	30.	398.115	19.953	43.	54.	86.	98.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	45	5.	8.989	54.	0.02	119.498	10.932	0.076	2.	12.	21.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	56	0.061	0.086	0.321	0.02	0.006	0.074	0.02	0.02	0.105	0.18
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	56	0.013	0.019	0.127	0.005	0.001	0.023	0.005	0.005	0.019	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	51	1.58	1.403	1.99	0.11	0.286	0.534	0.3	1.25	1.8	1.888
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	37	0.47	0.511	1.57	0.	0.116	0.341	0.08	0.337	0.639	1.046
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	35	0.046	0.063	0.302	0.	0.003	0.058	0.003	0.034	0.072	0.132
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	34	0.031	0.04	0.157	0.	0.001	0.036	0.003	0.018	0.05	0.105
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	50	0.024	0.027	0.084	0.	0.	0.02	0.004	0.012	0.038	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	44	3.6	3.714	7.1	0.	3.148	1.774	1.6	2.475	5.175	6.3

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	49	3.1	3.218	8.4	0.	2.512	1.585	1.6	2.25	4.1	4.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	62	119.	116.565	192.	8.	1447.43	38.045	64.2	93.5	140.	168.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	46	2.75	2.541	4.9	0.3	1.272	1.128	0.7	1.675	3.325	3.73
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-01/10/95	12 ##	2.5	3.583	17.	1.	18.038	4.247	1.45	2.5	2.5	12.65
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-01/10/95	12 ##	5.	4.792	5.	2.5	0.521	0.722	3.25	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-01/10/95	12 ##	12.5	10.625	12.5	5.	11.506	3.392	5.	6.875	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-01/10/95	12	458.5	651.	2237.	224.	310604.909	557.319	248.3	318.75	840.5	1880.9
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-01/10/95	12 ##	25.	15.625	25.	2.5	134.233	11.586	2.5	2.5	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-01/10/95	12	21.	30.	98.	6.	702.909	26.512	7.2	15.5	31.25	89.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	37	330.	898.027	4900.	22.	1159142.638	1076.635	79.6	230.	1300.	2440.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	37	2.519	2.647	3.69	1.342	0.312	0.558	1.901	2.362	3.114	3.385
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			443.665								
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-01/10/95	13 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	65	13.	23.554	162.	2.	858.595	29.302	5.	8.	22.	76.2

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	201	18.3	18.776	28.7	6.8	32.217	5.676	11.2	14.8	23.75	25.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	37	0.7	0.759	1.7	0.	0.175	0.418	0.18	0.5	0.95	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	186	271.	272.333	453.	138.	4744.872	68.883	190.7	226.25	316.75	371.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	201	8.4	8.005	12.3	1.6	5.363	2.316	4.1	7.	9.5	11.06
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-12/03/96	36	1.4	1.614	3.6	0.	0.976	0.988	0.5	0.625	2.2	3.26
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	185	7.6	7.619	8.9	6.7	0.167	0.409	7.06	7.4	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	185	7.6	7.451	8.9	6.7	0.196	0.443	7.06	7.4	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	185	0.025	0.035	0.2	0.001	0.001	0.033	0.006	0.016	0.04	0.088
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	37	70.	71.838	108.	38.	305.584	17.481	48.8	60.	86.	93.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-11/12/96	30	11.	15.683	139.	0.04	616.806	24.836	0.081	6.	15.5	29.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/11/83-06/04/96	34	0.058	0.088	0.47	0.018	0.01	0.1	0.02	0.02	0.115	0.245
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-06/06/95	33	0.017	0.017	0.036	0.005	0.	0.01	0.005	0.005	0.024	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/11/83-12/03/96	31	1.22	1.123	1.64	0.3	0.128	0.358	0.352	0.93	1.35	1.466
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	20	0.595	0.571	0.928	0.213	0.05	0.223	0.248	0.358	0.751	0.869
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	20	0.062	0.069	0.149	0.024	0.001	0.027	0.045	0.053	0.085	0.101
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-12/08/92	19	0.036	0.039	0.069	0.005	0.	0.019	0.015	0.021	0.052	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	29	0.021	0.023	0.059	0.004	0.	0.016	0.004	0.01	0.028	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/11/83-04/05/94	23	3.2	3.717	13.3	0.5	6.237	2.497	1.66	2.5	4.3	6.32
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/11/83-04/05/94	27	3.	3.007	7.8	0.5	2.321	1.524	1.24	2.	3.6	4.92
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	38	112.	108.579	256.	20.	1731.277	41.609	65.3	85.5	130.5	147.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/11/83-06/06/95	24	1.5	1.958	3.7	0.3	1.29	1.136	0.4	0.9	3.1	3.4
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/83-01/10/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/83-01/10/95	7 ##	5.	5.857	11.	5.	5.143	2.268	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/11/83-01/10/95	7 ##	5.	8.214	12.5	5.	16.071	4.009	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/11/83-01/10/95	7	598.5	680.071	1546.	186.	246667.702	496.657	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/11/83-01/10/95	7 ##	25.	21.786	25.	2.5	72.321	8.504	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/83-01/10/95	7	20.	29.	77.	7.	586.	24.207	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	22	65.5	161.909	900.	10.	50365.801	224.423	10.	20.	247.5	497.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/11/83-12/03/96	22	1.805	1.815	2.954	1.	0.39	0.624	1.	1.301	2.391	2.696
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			65.34								
71900	MERCURY, TOTAL (UG/L AS HG)	10/11/83-01/10/95	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	38	14.	21.632	174.	3.	811.536	28.487	6.8	9.	26.25	35.3

** - 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: NACC0033

NPS Station ID: NACC0033 | LAT/LON: 38.851282/ -77.021726 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: POTOMAC RIVER SOUTH OF HAIN'S POINT | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): NACE_AN_POTHAIN
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02070010059601.50 | RF3 Mile Point: 4.50 | Distance from RF3: 0.21 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALEXANDRIA VA.-D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS ON THE POTOMAC RIVER APPROXIMATELY 1/2 MILE SOUTH OF HAIN'S POINT. THE SITE WAS ACCESSED BY BOAT. THE SAMPLES WERE COLLECTED FROM 26 JUNE 1990 UNTIL 13 SEPTEMBER 1995. SAMPLES WERE ANALYZED FOR DISSOLVED OXYGEN; CONDUCTIVITY; SECCHI DEPTH; TURBIDITY; AND SUSPENDED SOLIDS. SAMPLES WERE COLLECTED BY RICHARD HAMMERSCHLAG; CENTER FOR URBAN ECOLOGY; 4598 MCARTHUR BLVD NW; WASHINGTON DC 20242. TEL (202) 342-1443. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON DC 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970)225-3516.

Parameter Inventory for Station: NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/96-11/20/97	32	20.	19.681	29.	6.4	42.659	6.531	10.16	14.35	25.05	27.77
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	106	0.75	0.747	1.9	0.11	0.075	0.275	0.4	0.6	0.9	1.065
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	95	270.	266.316	395.	110.	5554.814	74.531	165.	205.	340.	362.
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	106	7.9	8.397	15.2	3.2	6.34	2.518	5.67	6.6	9.625	12.43

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

EPA Water Quality Criteria Analysis for Station: NACC0033

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	106	2	0.02	45	2	0.04	20	0	0.00	41	0	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 NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	10	0.605	0.709	1.9	0.11	0.237	0.487	0.139	0.438	0.855	1.812
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	4	240.	235.	320.	140.	6500.	80.623	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	10	8.7	9.07	15.2	6.	8.027	2.833	6.05	6.725	10.3	14.89

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

Annual Analysis for 1991 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	10	0.725	0.755	1.2	0.52	0.043	0.208	0.523	0.588	0.85	1.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	5	370.	303.	395.	165.	11457.5	107.04	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	10	7.4	8.09	11.8	6.	4.308	2.075	6.02	6.5	9.35	11.78

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

Annual Analysis for 1992 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	8	0.825	0.834	1.25	0.45	0.061	0.248	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	8	250.	247.5	360.	185.	3042.857	55.162	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	8	10.25	10.013	13.1	6.6	5.324	2.307	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	18	0.755	0.739	1.05	0.25	0.06	0.245	0.268	0.695	0.962	1.005
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	18	330.	289.444	370.	125.	7623.203	87.311	129.5	235.	352.5	370.
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	18	10.05	9.25	14.	3.2	12.3	3.507	5.18	6.075	12.8	13.37

** - 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 1994 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	15	0.65	0.64	1.	0.2	0.05	0.224	0.23	0.5	0.75	0.97
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	15	310.	279.467	370.	110.	6259.267	79.116	128.	220.	340.	364.
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	15	7.6	8.067	14.2	4.8	4.782	2.187	5.22	6.9	9.4	11.44

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

Annual Analysis for 1995 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	13	0.85	0.862	1.13	0.58	0.028	0.167	0.628	0.75	1.03	1.118
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	13	258.	259.538	350.	180.	3109.103	55.759	184.	215.	309.5	347.2
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	13	7.4	8.362	12.6	5.9	4.699	2.168	6.14	6.95	9.7	12.52

** - 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 1996 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	15	0.6	0.614	1.1	0.11	0.06	0.245	0.254	0.45	0.85	0.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	15	220.	219.867	315.	155.	2186.695	46.762	161.	180.	265.	292.8
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	15	8.4	8.873	12.2	6.7	2.668	1.633	7.06	7.6	9.4	12.02

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

Annual Analysis for 1997 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	17	0.8	0.856	1.3	0.25	0.074	0.271	0.57	0.675	1.05	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	17	307.	281.824	391.	166.	5476.279	74.002	170.	206.	342.5	371.8
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	17	6.5	6.418	8.8	4.	2.284	1.511	4.08	5.15	7.4	8.72

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	45	0.7	0.701	1.25	0.35	0.034	0.186	0.45	0.6	0.8	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	39	337.	321.282	395.	180.	2456.524	49.563	232.	307.	360.	370.
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	45	7.	7.38	14.2	3.2	4.103	2.026	5.32	6.05	8.2	9.74

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	20	0.85	0.838	1.9	0.11	0.194	0.441	0.205	0.488	1.05	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	20	202.5	224.3	391.	110.	6518.011	80.734	125.5	157.75	281.25	342.7
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	20	10.	10.43	15.2	5.1	5.87	2.423	7.35	8.825	12.475	13.29

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/26/90-11/20/97	41	0.75	0.753	1.2	0.11	0.061	0.247	0.34	0.6	0.925	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	36	220.	230.111	340.	140.	2989.644	54.678	163.5	186.25	266.5	317.5
00300	OXYGEN, DISSOLVED MG/L	06/26/90-11/20/97	41	8.	8.522	14.	4.1	6.096	2.469	5.74	6.85	10.65	12.56

** - 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

Station Inventory for Station: NACC0034

NPS Station ID: NACC0034
LAT/LON: 38.851392/ -77.022504
Agency: 1113PESE
Date Created: / /
Location: POTO.R. HAINES PT. AT RB 1 QK FL
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /3B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002504.17
RF3 Mile Point: 4.30
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0034

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: NACC0035

NPS Station ID: NACC0035
LAT/LON: 38.852504/ -77.028338
Agency: 1113PESE
Date Created: / /
Location: POTO.R. HAINES PT. BTW C1&WST SH
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /3A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010025
RF1 Mile Point: 4.990
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.76
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0035

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: NACC0036

NPS Station ID: NACC0036 | LAT/LON: 38.853059/ -77.024726 | Agency: 111230WQ | Date Created: / /
Location: POTOMAC RIVER AT HAINS POINT | FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): POT-98.60
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0098.60
HUC: 02070010 | Depth of Water: 15 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC | ECO Region:
RF1 Index: 02070010026 | RF1 Mile Point: 6.330 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010002500.00 | RF3 Mile Point: 2.13 | Distance from RF3: 0.10 | On/Off RF3:
Description:
THIS STATION WAS SAMPLED FOR THE NUTRIENT TRANSPORT STUDY. IT IS LOCATED IN THE MIDDLE CHANNEL OF THE POTOMAC ESTUARY APPROX. 98.6 MILES UPSTREAM FROM THE CHESAPEAKE BAY AT HAINS PT., WASHINGTON, D.C. IT IS LOCATED NEAR BUOY C'1'. THIS LOCATION WAS DETERMINED BY US C^GS CHART NO. 560.

Parameter Inventory for Station: NACC0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/18/69-03/23/70	50	16.5	15.28	30.5	0.	92.053	9.594	2.1	7.	25.	27.45
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/04/69-03/04/69	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00096	SALINITY AT 25 DEGREES C (MG/ML)	02/18/69-02/10/70	45	21.	22.933	59.	8.	118.473	10.885	12.6	16.	25.5	40.2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/25/69-02/10/70	20	0.899	0.795	1.466	0.129	0.128	0.358	0.283	0.475	1.022	1.237
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/69-03/23/70	49	1.06	1.161	2.546	0.048	0.344	0.587	0.458	0.741	1.495	2.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/69-03/23/70	53	0.92	0.836	1.6	0.13	0.17	0.412	0.226	0.385	1.165	1.318
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/18/69-03/23/70	49	0.54	0.675	2.	0.17	0.155	0.393	0.29	0.4	0.885	1.22
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/25/69-02/10/70	22	0.29	0.333	0.91	0.04	0.055	0.235	0.089	0.148	0.445	0.778
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/25/69-03/23/70	33	0.34	0.412	1.92	0.04	0.14	0.375	0.078	0.2	0.5	0.932
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/18/69-02/05/70	35	5.6	5.929	16.4	0.4	9.82	3.134	3.16	4.	7.	8.72
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/69-01/27/70	15	5.2	6.147	12.9	2.	9.844	3.138	2.24	4.2	8.6	11.82
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	02/18/69-03/23/70	51	0.3	0.417	1.6	0.001	0.12	0.347	0.044	0.2	0.6	0.9

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

EPA Water Quality Criteria Analysis for Station: NACC0036

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	53	0	0.00	13	0	0.00	25	0	0.00	15	0	0.00			

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

Station Inventory for Station: NACC0037

NPS Station ID: NACC0037
LAT/LON: 38.854420/ -77.023921
Agency: 11121TWQ
Date Created: / /
Location: POT., N. BOLLING FLD. CAN 9 MC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-003B /03B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.54
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-05/13/70	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/13/70-05/13/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/70-05/13/70	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/13/70-05/13/70	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/13/70-05/13/70	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/13/70-05/13/70	1	8.38	8.38	8.38	8.38	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/13/70-05/13/70	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0037

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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: NACC0038

NPS Station ID: NACC0038
LAT/LON: 38.854448/ -77.023893
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER, HAINES PT. BUOY 2
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-003 /003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.15
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	122	22.75	19.534	30.5	2.	63.504	7.969	7.	14.875	25.525	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	29	15.	19.238	59.	2.	217.703	14.755	3.7	9.75	27.	46.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	18	10.25	17.289	100.	3.2	471.783	21.721	6.62	7.875	16.25	38.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	48	18.	21.854	96.	4.	241.617	15.544	9.8	14.	24.75	36.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	25	0.61	0.625	0.91	0.28	0.041	0.202	0.312	0.47	0.795	0.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	16	350.	343.563	502.	200.	4768.929	69.057	235.	312.5	380.	439.7
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/07/71-06/10/71	9	0.3	0.222	0.3	0.	0.011	0.106	0.	0.15	0.3	0.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	11	7.	7.045	9.3	5.1	1.045	1.022	5.36	6.5	7.3	9.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	119	8.1	8.455	14.4	2.4	7.67	2.769	4.6	6.6	10.	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	36	2.45	2.756	9.4	0.5	3.292	1.814	0.77	1.525	3.65	5.23
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.5	7.504	8.53	6.6	0.243	0.493	6.8	7.15	7.875	8.114
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.5	7.25	8.53	6.6	0.31	0.557	6.8	7.15	7.875	8.114
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	20	0.032	0.056	0.251	0.003	0.004	0.066	0.008	0.013	0.072	0.158
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	7	0.08	0.074	0.09	0.05	0.	0.013	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	23	0.065	0.156	0.878	0.01	0.048	0.219	0.02	0.02	0.177	0.549
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	84	0.111	0.262	2.212	0.011	0.201	0.449	0.033	0.056	0.19	0.899
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.033	0.059	0.187	0.005	0.003	0.057	0.01	0.016	0.091	0.159
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	25	0.82	38.68	947.	0.23	35809.373	189.234	0.348	0.49	1.19	1.548
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	18	0.388	0.49	1.424	0.1	0.127	0.356	0.1	0.262	0.761	1.031
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	109	0.621	0.767	2.849	0.127	0.27	0.52	0.324	0.459	0.884	1.273
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	85	0.91	0.852	1.94	0.001	0.171	0.413	0.276	0.5	1.16	1.324
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	97	0.34	0.467	2.2	0.05	0.158	0.398	0.17	0.245	0.53	0.864
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	7	0.14	0.18	0.41	0.07	0.012	0.111	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	85	0.14	0.229	1.52	0.007	0.08	0.283	0.02	0.08	0.225	0.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	14	0.093	0.095	0.158	0.06	0.001	0.033	0.062	0.066	0.113	0.158
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	14	0.041	0.043	0.094	0.006	0.001	0.025	0.013	0.023	0.06	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	13	0.021	0.028	0.087	0.004	0.001	0.023	0.006	0.012	0.04	0.075
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	91	6.	5.937	17.4	0.06	6.852	2.618	3.12	4.1	7.3	8.94
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	4	2.05	1.775	2.5	0.5	0.783	0.885	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	54	21.75	27.496	332.1	8.9	1811.288	42.559	15.	18.175	25.325	28.15
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	2804.5	2808.167	3890.	1720.	573144.167	757.063	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	12245.	12245.	24000.	490.	276360050.	16624.08	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.535	3.535	4.38	2.69	1.428	1.195	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			3429.286								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	1700.	3641.667	9180.	45.	23689608.333	4867.197	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	3.23	2.949	3.963	1.653	1.393	1.18	**	**	**	**

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

Parameter Inventory for Station: NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			888.863								
32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	11	0.019	0.022	0.057	0.	0.	0.021	0.001	0.003	0.043	0.055
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.155	0.155	0.16	0.15	0.	0.007	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.056	0.09	0.281	0.02	0.008	0.087	0.02	0.02	0.158	0.253

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

EPA Water Quality Criteria Analysis for Station: NACC0038

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	29	1	0.03	11	0	0.00	7	0	0.00	11	1	0.09			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	18	1	0.06	14	1	0.07				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	10	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	119	4	0.03	41	3	0.07	26	1	0.04	52	0	0.00			
00400	PH	Fresh Chronic	9.	20	0	0.00	13	0	0.00	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	20	0	0.00	13	0	0.00	2	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	25	0	0.00	19	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	25	1	0.04	19	1	0.05				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	85	0	0.00	23	0	0.00	26	0	0.00	36	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									

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

Annual Analysis for 1970 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	27	22.5	19.407	26.5	3.	49.578	7.041	6.8	17.	24.5	25.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	8.05	8.	12.2	3.9	6.837	2.615	4.1	6.025	9.975	12.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	24	0.097	0.3	1.7	0.011	0.284	0.533	0.023	0.031	0.128	1.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	24	0.813	0.975	2.605	0.127	0.445	0.667	0.21	0.48	1.265	2.128
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	24	0.925	0.894	1.94	0.28	0.188	0.434	0.375	0.5	1.11	1.59
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	24	0.515	0.683	2.2	0.19	0.324	0.569	0.215	0.323	0.785	1.98
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	24	0.215	0.364	1.43	0.07	0.133	0.364	0.09	0.133	0.493	1.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	16	6.55	6.581	10.5	2.9	5.64	2.375	3.11	4.3	8.375	10.5

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

Annual Analysis for 1971 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	22	17.25	17.527	28.	2.5	56.985	7.549	4.5	14.45	23.9	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	22	7.25	7.745	14.	2.4	10.528	3.245	3.71	5.475	9.8	13.37
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	12	0.145	0.517	2.212	0.04	0.602	0.776	0.053	0.097	0.616	2.163
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.746	1.008	2.849	0.127	0.714	0.845	0.216	0.482	1.119	2.771
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	12	0.505	0.648	1.42	0.15	0.235	0.485	0.159	0.243	1.088	1.411
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.3	0.568	1.69	0.15	0.293	0.542	0.153	0.263	0.817	1.66
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	12	0.175	0.318	1.52	0.04	0.165	0.406	0.052	0.133	0.3	1.247
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	5.9	5.34	7.9	1.2	5.603	2.367	1.4	3.35	7.4	7.88

** - 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 1972 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	13.5	15.621	25.	3.2	70.506	8.397	3.6	7.	24.125	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	14	9.85	10.114	13.9	5.3	8.226	2.868	5.5	8.05	13.125	13.85
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	14	0.11	0.138	0.435	0.045	0.012	0.109	0.045	0.058	0.195	0.348
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	14	0.74	0.728	1.23	0.41	0.066	0.256	0.42	0.488	0.877	1.191
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	14	1.165	1.006	1.35	0.58	0.073	0.27	0.63	0.728	1.21	1.34
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	14	0.295	0.359	0.86	0.2	0.033	0.182	0.21	0.235	0.403	0.74
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	14	0.125	0.137	0.36	0.06	0.007	0.083	0.065	0.078	0.165	0.295
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	14	6.55	7.436	17.4	4.2	11.538	3.397	4.5	4.95	8.9	13.75

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

Annual Analysis for 1973 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	16.	16.583	26.	4.5	56.037	7.486	5.4	10.	25.	26.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	18	9.4	9.033	13.8	3.8	8.132	2.852	4.52	6.425	11.1	13.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	18	0.1	0.159	0.585	0.045	0.021	0.143	0.054	0.063	0.216	0.396
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	0.694	0.659	1.148	0.293	0.06	0.244	0.327	0.449	0.76	1.071
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	18	1.025	0.941	1.68	0.38	0.153	0.392	0.389	0.565	1.16	1.671
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	18	0.365	0.387	0.86	0.14	0.042	0.205	0.149	0.215	0.473	0.716
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	18	0.15	0.156	0.52	0.02	0.013	0.113	0.02	0.082	0.205	0.268
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	18	6.25	6.311	10.4	3.3	3.682	1.919	3.66	5.05	7.1	10.31

** - 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 1974 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	10	24.	19.15	29.	2.	113.503	10.654	2.05	7.	26.75	29.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	10	8.2	8.99	13.9	4.7	10.299	3.209	4.75	6.925	12.175	13.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	10	0.103	0.195	1.06	0.022	0.099	0.315	0.023	0.034	0.169	0.984
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	10	0.527	0.677	1.825	0.411	0.175	0.418	0.416	0.466	0.736	1.716
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	10	0.425	0.525	1.02	0.001	0.136	0.369	0.019	0.228	0.915	1.02
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	10	0.305	0.387	1.26	0.14	0.099	0.315	0.15	0.248	0.378	1.174
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	10	0.02	0.116	0.76	0.007	0.053	0.23	0.007	0.01	0.103	0.695
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	6.65	6.5	10.3	4.	3.611	1.9	4.02	4.875	7.45	10.09

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

Annual Analysis for 1975 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.5	27.25	29.	25.	2.75	1.658	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	7.2	7.25	7.9	6.7	0.41	0.64	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	4	0.135	0.144	0.19	0.114	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	4	0.6	0.595	0.659	0.522	0.003	0.059	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	4	0.95	0.935	1.17	0.67	0.069	0.262	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.335	0.358	0.53	0.23	0.018	0.133	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	4	0.105	0.108	0.19	0.03	0.006	0.079	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	4	6.45	5.215	7.9	0.06	13.32	3.65	**	**	**	**

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

Annual Analysis for 1976 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	15.5	15.5	28.	3.	312.5	17.678	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	11.35	11.35	14.4	8.3	18.605	4.313	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.113	0.113	0.113	0.113	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	0.452	0.452	0.579	0.324	0.033	0.18	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	2	1.235	1.235	1.24	1.23	0.	0.007	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.245	0.245	0.44	0.05	0.076	0.276	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	2	0.075	0.075	0.14	0.01	0.008	0.092	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	2	4.35	4.35	6.	2.7	5.445	2.333	**	**	**	**

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

Annual Analysis for 1977 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	28.7	28.7	28.7	28.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	1.152	1.152	1.152	1.152	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	1	2.19	2.19	2.19	2.19	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	24.1	22.75	30.5	14.5	25.29	5.029	15.25	17.65	27.175	29.66
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	8.6	8.473	10.9	6.4	2.008	1.417	6.52	7.	9.7	10.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.406	0.472	0.92	0.246	0.046	0.215	0.251	0.33	0.626	0.886
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.28	0.295	0.61	0.15	0.014	0.12	0.156	0.208	0.348	0.532
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	4.	3.967	7.7	0.5	3.61	1.9	0.5	3.2	4.65	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 1980 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	7	28.6	28.314	30.4	25.4	3.861	1.965	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	6	6.65	6.917	7.9	6.2	0.502	0.708	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	5	0.351	0.692	1.424	0.258	0.3	0.547	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	7	3.7	3.514	5.8	0.5	3.738	1.933	**	**	**	**

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

Annual Analysis for 1981 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.9	25.	28.6	18.7	14.015	3.744	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	8.	8.58	11.7	6.9	3.677	1.918	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	0.705	0.665	1.059	0.288	0.06	0.246	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	45	26.	25.831	30.5	14.5	9.683	3.112	22.8	24.2	27.85	29.32
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	16	18.	18.875	36.	4.	67.717	8.229	8.2	12.5	24.	31.8
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	41	6.7	6.659	11.7	2.4	3.77	1.942	4.1	5.25	7.9	8.84
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	22	3.3	3.641	9.4	1.5	3.075	1.754	1.85	2.475	4.65	5.51
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.38	7.381	8.53	6.6	0.312	0.558	6.68	6.85	7.77	8.342
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.38	7.123	8.53	6.6	0.384	0.62	6.68	6.85	7.77	8.342
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.042	0.075	0.251	0.003	0.006	0.076	0.005	0.018	0.142	0.214
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	23	0.185	0.495	2.212	0.022	0.423	0.65	0.059	0.112	1.06	1.736
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	41	0.757	0.936	2.849	0.258	0.4	0.633	0.349	0.453	1.1	1.965
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	23	0.59	0.607	1.21	0.001	0.123	0.351	0.162	0.29	0.79	1.194
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	31	0.38	0.542	1.69	0.15	0.149	0.386	0.23	0.29	0.64	1.206
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	23	0.19	0.325	1.52	0.02	0.133	0.364	0.02	0.06	0.5	0.832
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	34	6.	6.078	10.5	0.06	8.6	2.933	2.25	3.95	8.475	10.3
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	18	24.9	42.05	332.1	20.4	5257.932	72.512	20.49	21.1	27.95	66.24

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	26	7.25	7.988	17.5	2.	24.271	4.927	2.5	3.15	12.375	15.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	12	19.5	30.25	96.	6.	728.932	26.999	6.6	14.75	34.5	88.8
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	12.	11.538	14.4	3.9	7.823	2.797	7.1	10.575	13.825	14.
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	25	0.11	0.278	1.7	0.042	0.202	0.45	0.045	0.053	0.26	1.103
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	26	0.512	0.678	2.605	0.127	0.336	0.579	0.14	0.376	0.734	1.511
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	26	1.17	1.177	1.94	0.38	0.142	0.377	0.6	0.995	1.36	1.734
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	26	0.3	0.483	2.2	0.05	0.26	0.51	0.147	0.228	0.47	1.234
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	26	0.16	0.267	1.43	0.01	0.117	0.342	0.045	0.095	0.3	0.802
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	24	5.25	5.221	10.5	1.2	4.117	2.029	2.8	3.5	6.7	7.1
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	16	21.75	21.163	28.9	14.	21.485	4.635	15.4	16.375	24.9	28.41

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	51	20.	19.865	28.	7.5	27.908	5.283	11.2	16.4	24.5	25.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	20	18.	19.2	44.	8.	62.8	7.925	10.2	14.	23.5	26.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	52	8.3	8.329	12.1	4.2	3.495	1.87	5.93	7.15	9.475	11.24
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	14	1.3	1.364	2.7	0.5	0.484	0.696	0.5	0.775	1.95	2.5
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.8	7.804	8.12	7.5	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.8	7.756	8.12	7.5	0.056	0.236	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	5	0.016	0.018	0.032	0.008	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	36	0.08	0.102	0.585	0.011	0.01	0.101	0.026	0.038	0.123	0.213
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	42	0.597	0.656	1.24	0.246	0.07	0.265	0.307	0.472	0.81	1.117
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-07/06/77	36	0.81	0.773	1.23	0.24	0.107	0.327	0.264	0.47	1.078	1.16
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	40	0.325	0.399	2.04	0.14	0.099	0.315	0.172	0.24	0.438	0.686
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	36	0.135	0.14	0.52	0.007	0.009	0.097	0.02	0.083	0.18	0.244
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	33	6.1	6.312	17.4	0.5	6.892	2.625	3.82	4.9	7.55	8.08
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	20	19.	19.465	28.	8.9	28.771	5.364	11.32	17.5	24.75	27.25

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

Station Inventory for Station: NACC0039

NPS Station ID: NACC0039
Location: POTOMAC RIVER AT HAINES PT. N 2
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER BASIN
RF1 Index: 02070010026
RF3 Index: 02070010003201.47
Description:

LAT/LON: 38.854448/ -77.023893
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 6.430
RF3 Mile Point: 3.15

Agency: 11121WWQ
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POT-TRANS-003 /003
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.11

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: NACC0039

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: NACC0040

NPS Station ID: NACC0040
LAT/LON: 38.854726/ -77.020838
Agency: 1113AAWQ
Date Created: / /
Location: ANACOSTIA R. OFF HAINES POINT
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /ANACOST-AA1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.40
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/70-12/15/70	4	20.75	18.375	26.	6.	81.229	9.013	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/30/70-12/15/70	4	10.	11.5	22.	4.	57.667	7.594	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/30/70-12/15/70	4	7.8	8.175	11.8	5.3	7.469	2.733	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	3	5.7	4.967	6.2	3.	2.963	1.721	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/30/70-12/15/70	4	0.167	0.217	0.401	0.131	0.015	0.124	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/30/70-12/15/70	4	0.763	0.76	1.421	0.091	0.341	0.584	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/30/70-12/15/70	4	0.815	0.848	1.25	0.51	0.115	0.34	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/08/70-12/15/70	3	0.22	0.227	0.3	0.16	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/70-12/15/70	2	7.3	7.3	8.4	6.2	2.42	1.556	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	3	3480.	3053.333	5420.	260.	6792933.333	2606.326	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/08/70-12/15/70	3	3.542	3.23	3.734	2.415	0.508	0.713	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1698.963								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/30/70-12/15/70	4	42.8	51.225	112.5	6.8	2820.723	53.11	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	04/30/70-12/15/70	3	19.	18.	22.	13.	21.	4.583	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/30/70-12/15/70	4	0.415	0.465	0.75	0.28	0.042	0.205	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			

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

Station Inventory for Station: NACC0041

NPS Station ID: NACC0041 LAT/LON: 38.856115/ -77.019448 Agency: 21DCBAWQ Date Created: 10/11/86
Location: WASHINGTON CHANNEL JUNCTION, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA26
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.11 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: WASHINGTON CHANNEL JUNCTION, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	121	18.5	17.303	31.5	2.	74.668	8.641	5.4	8.5	25.65	28.04
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	96.	61.733	100.	0.	2025.067	45.001	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	4	0.25	0.3	0.7	0.	0.1	0.316	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	119	296.	309.21	640.	101.	6467.913	80.423	220.	260.	355.	426.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	117	8.1	8.371	13.3	0.1	4.89	2.211	5.92	7.	9.9	11.34
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	113	7.5	7.587	8.8	6.7	0.163	0.404	7.1	7.3	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	113	7.5	7.431	8.8	6.7	0.188	0.434	7.1	7.3	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	113	0.032	0.037	0.2	0.002	0.001	0.031	0.006	0.016	0.05	0.079
04378	WAVE STATE CODE	04/02/96-12/03/96	8	1000.	1250.	2000.	1000.	214285.714	462.91	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0041

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	117	3	0.03	42	0	0.00	39	2	0.05	36	1	0.03			
00400	PH	Fresh Chronic	9.	113	0	0.00	42	0	0.00	37	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	113	0	0.00	42	0	0.00	37	0	0.00	34	0	0.00			

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

Annual Analysis for 1983 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	3	8.	11.7	19.1	8.	41.07	6.409	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	3	199.	226.	378.	101.	19729.	140.46	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	3	9.3	9.3	10.2	8.4	0.81	0.9	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	16.9	16.45	28.9	4.	87.234	9.34	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	6	268.	249.833	356.	135.	5900.167	76.813	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	7	8.	8.286	12.2	4.7	6.445	2.539	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	5	7.5	7.52	7.9	7.	0.112	0.335	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	5	7.5	7.407	7.9	7.	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	5	0.032	0.039	0.1	0.013	0.001	0.035	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	22.35	19.963	28.3	6.8	61.94	7.87	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	253.5	269.75	345.	219.	2174.214	46.628	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.25	8.563	11.	6.8	2.28	1.51	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.6	7.643	8.2	7.2	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.6	7.495	8.2	7.2	0.205	0.453	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	7	0.025	0.032	0.063	0.006	0.001	0.024	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	20.	18.09	28.9	5.2	76.363	8.739	5.26	7.975	25.525	28.72
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	340.5	356.5	479.	258.	6503.833	80.646	261.	288.	453.	477.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.1	7.789	12.3	5.2	4.701	2.168	5.2	6.35	9.2	12.3
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.63	8.4	6.9	0.256	0.506	6.93	7.2	8.15	8.39
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.489	7.409	8.4	6.9	0.31	0.557	6.93	7.2	8.15	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.032	0.039	0.126	0.004	0.001	0.038	0.004	0.007	0.063	0.12

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

Annual Analysis for 1987 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	11	15.1	15.218	29.2	2.5	98.858	9.943	2.62	6.	26.	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	11	291.	300.091	434.	214.	5374.091	73.308	217.2	233.	340.	429.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	11	7.1	6.645	11.3	0.1	11.107	3.333	0.6	3.5	9.2	10.98
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	11	7.5	7.445	8.2	6.7	0.187	0.432	6.76	7.2	7.7	8.14
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	11	7.5	7.26	8.2	6.7	0.225	0.474	6.76	7.2	7.7	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	11	0.032	0.055	0.2	0.006	0.003	0.056	0.008	0.02	0.063	0.18

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

Annual Analysis for 1988 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	18.6	17.76	31.2	4.2	83.427	9.134	4.43	9.875	25.3	30.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	333.	346.8	525.	212.	9171.956	95.77	216.8	264.5	424.75	515.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	10	8.55	8.6	12.4	5.6	4.311	2.076	5.66	6.95	10.125	12.18
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.65	8.6	7.1	0.281	0.53	7.1	7.25	8.05	8.59
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.5	7.449	8.6	7.1	0.325	0.57	7.1	7.25	8.05	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.032	0.036	0.079	0.003	0.001	0.028	0.003	0.01	0.057	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	12.4	13.422	27.8	2.3	113.279	10.643	2.3	2.6	24.6	27.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	300.	316.333	452.	272.	3243.25	56.95	272.	278.5	336.5	452.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	9.95	9.212	11.8	5.5	6.361	2.522	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.644	8.8	7.	0.313	0.559	7.	7.2	7.95	8.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.421	8.8	7.	0.369	0.608	7.	7.2	7.95	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.038	0.1	0.002	0.001	0.033	0.002	0.012	0.063	0.1

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

Annual Analysis for 1990 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	19.95	17.2	26.9	5.2	76.647	8.755	5.28	7.65	25.8	26.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	256.5	268.	348.	198.	2495.556	49.956	200.8	227.5	315.	346.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	10	8.25	8.79	13.	6.3	5.33	2.309	6.32	6.875	11.275	12.85
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.4	7.42	7.9	6.9	0.1	0.316	6.92	7.175	7.65	7.89
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.389	7.32	7.9	6.9	0.111	0.333	6.92	7.175	7.65	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.041	0.048	0.126	0.013	0.001	0.035	0.013	0.023	0.067	0.121

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

Annual Analysis for 1991 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	20.3	20.822	28.8	5.6	64.689	8.043	5.6	14.85	28.3	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	327.	332.444	410.	260.	2868.778	53.561	260.	284.	386.5	410.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.8	8.344	11.8	5.6	3.313	1.82	5.6	7.4	9.8	11.8
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.578	8.2	7.1	0.104	0.323	7.1	7.4	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.485	8.2	7.1	0.114	0.338	7.1	7.4	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.032	0.033	0.079	0.006	0.	0.021	0.006	0.016	0.04	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	18.2	17.011	27.5	5.4	79.664	8.925	5.4	6.95	25.5	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	303.	301.667	453.	220.	4774.	69.094	220.	243.	322.	453.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	9.6	9.278	12.9	6.4	4.072	2.018	6.4	7.55	10.6	12.9

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

Annual Analysis for 1992 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.689	8.1	7.2	0.071	0.267	7.2	7.5	7.85	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.612	8.1	7.2	0.078	0.279	7.2	7.5	7.85	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.024	0.063	0.008	0.	0.017	0.008	0.014	0.032	0.063

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

Annual Analysis for 1993 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	21.4	19.475	31.5	6.4	75.602	8.695	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	359.	339.625	426.	248.	3785.982	61.53	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.35	8.075	10.2	5.	2.671	1.634	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.5	7.471	7.8	7.1	0.066	0.256	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.5	7.406	7.8	7.1	0.071	0.266	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	7	0.032	0.039	0.079	0.016	0.001	0.024	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	16.7	17.322	29.4	5.1	77.539	8.806	5.1	9.25	26.4	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	336.	328.222	433.	221.	5192.194	72.057	221.	263.	386.5	433.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.9	8.156	11.8	4.9	4.538	2.13	4.9	6.45	9.8	11.8
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.6	8.5	7.	0.17	0.412	7.	7.4	7.75	8.5
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.463	8.5	7.	0.191	0.437	7.	7.4	7.75	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.032	0.034	0.1	0.003	0.001	0.028	0.003	0.018	0.04	0.1

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

Annual Analysis for 1995 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	20.7	18.578	28.8	2.	88.804	9.424	2.	10.1	26.3	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	344.	358.	640.	207.	15510.75	124.542	207.	284.	403.5	640.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.6	9.375	13.3	7.5	4.728	2.174	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.9	7.833	8.4	7.1	0.233	0.482	7.1	7.35	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.9	7.598	8.4	7.1	0.295	0.543	7.1	7.35	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.013	0.025	0.079	0.004	0.001	0.028	0.004	0.005	0.047	0.079

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

Annual Analysis for 1996 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	18.7	16.15	24.3	7.8	38.951	6.241	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	249.5	250.	290.	206.	1116.286	33.411	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.	7.825	10.4	5.2	2.594	1.61	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	8	7.45	7.488	7.8	7.3	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	8	7.447	7.46	7.8	7.3	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	8	0.036	0.035	0.05	0.016	0.	0.012	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	44	26.15	25.082	31.5	16.7	13.586	3.686	19.05	22.25	27.725	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	44	327.	325.773	451.	207.	3514.412	59.282	246.	277.	364.	413.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	42	7.3	7.24	10.2	4.9	1.359	1.166	5.32	6.5	8.	8.54
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	42	7.5	7.557	8.6	7.	0.118	0.344	7.2	7.3	7.7	8.04
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	42	7.5	7.451	8.6	7.	0.13	0.36	7.2	7.3	7.7	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	42	0.032	0.035	0.1	0.003	0.001	0.022	0.009	0.02	0.05	0.063

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	41	6.5	7.766	21.4	2.	19.778	4.447	2.6	5.2	9.55	13.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	41	291.	303.341	525.	101.	7992.78	89.402	200.4	253.	342.5	446.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	39	10.2	9.897	13.3	2.6	5.481	2.341	7.	8.9	11.7	12.4
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	37	7.6	7.611	8.8	6.9	0.163	0.404	7.1	7.25	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	37	7.6	7.456	8.8	6.9	0.188	0.434	7.1	7.25	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	37	0.025	0.035	0.126	0.002	0.001	0.029	0.006	0.013	0.057	0.079

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	36	18.4	18.658	28.9	8.7	32.2	5.675	10.6	14.3	23.85	26.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	34	269.	294.853	640.	198.	8239.16	90.77	217.	232.25	322.5	439.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	36	8.2	8.036	11.	0.1	4.418	2.102	5.57	7.175	9.65	10.52
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	34	7.55	7.597	8.5	6.7	0.228	0.477	7.	7.2	7.825	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	34	7.547	7.382	8.5	6.7	0.275	0.525	7.	7.2	7.825	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	34	0.028	0.042	0.2	0.003	0.002	0.042	0.004	0.015	0.063	0.1

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

Station Inventory for Station: NACC0042

NPS Station ID: NACC0042
LAT/LON: 38.856115/ -77.041671
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. OFF HAINES PT. D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /POTO-03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010034
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.13
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0042

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: NACC0043

NPS Station ID: NACC0043
Location: HAINES PT-STATION 3
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010026
RF3 Index: 02070010002502.07
Description:
HAINES PT-STATION 3

LAT/LON: 38.856392/ -77.025004

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 6.420
RF3 Mile Point: 2.41

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750112330
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.13

Date Created: 06/27/81

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: NACC0043

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

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

Station Inventory for Station: NACC0044

NPS Station ID: NACC0044
LAT/LON: 38.856948/ -77.020003
Agency: 11121TWQ
Date Created: / /
Location: ANACOSTIA R. WASH.CHANL R&B BUOY
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-A2 /A2 /ANACOST-AA1A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.670
Distance from RF1: 2.40
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 1.03
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	14	26.5	24.	30.	5.	57.846	7.606	7.25	23.375	29.	29.75
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	13	17.	15.954	33.	4.	88.453	9.405	4.36	5.5	20.	32.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	13	18.	18.077	24.	10.	21.41	4.627	10.8	14.	22.5	24.
00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	14	5.35	6.493	12.2	4.5	5.233	2.288	4.55	4.925	7.7	11.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	14	0.304	0.29	0.663	0.12	0.018	0.135	0.129	0.176	0.337	0.507
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	14	0.784	0.776	1.281	0.612	0.029	0.169	0.613	0.646	0.806	1.083
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	14	0.77	0.729	1.17	0.25	0.066	0.258	0.31	0.52	0.87	1.115
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	14	0.325	0.354	0.7	0.12	0.02	0.141	0.175	0.265	0.43	0.605
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	14	0.1	0.116	0.3	0.02	0.008	0.089	0.025	0.048	0.155	0.295
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	14	5.45	6.486	9.7	3.2	4.657	2.158	3.6	5.025	8.425	9.65
00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	13	23.1	23.192	32.5	15.6	25.486	5.048	16.28	19.05	25.8	32.02

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

EPA Water Quality Criteria Analysis for Station: NACC0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	7	0	0.00	1	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			

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

Station Inventory for Station: NACC0045

NPS Station ID: NACC0045 | LAT/LON: 38.856948/ -77.026392 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: NATION AIRPORT NORTH, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS27
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0093.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010028 | RF1 Mile Point: 0.290 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003200.53 | RF3 Mile Point: 1.00 | Distance from RF3: 0.15 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: NATIONAL AIRPORT NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	135	17.1	16.505	30.8	0.	81.073	9.004	4.46	7.2	25.1	27.8
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	12	78.5	56.417	100.	0.	2300.447	47.963	0.	1.25	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.4	0.467	0.8	0.2	0.093	0.306	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	126	303.5	306.714	571.	120.	7319.166	85.552	194.	251.	357.5	431.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	134	8.65	8.926	14.8	0.1	7.889	2.809	6.	7.2	11.025	12.75
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	121	7.8	7.804	9.	7.	0.167	0.409	7.3	7.5	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	121	7.8	7.651	9.	7.	0.191	0.437	7.3	7.5	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	121	0.016	0.022	0.1	0.001	0.	0.018	0.004	0.01	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/23/84-01/23/84	1	86.	86.	86.	86.	0.	0.	**	**	**	**
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1250.	2000.	1000.	200000.	447.214	1000.	1000.	1750.	2000.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/23/84-01/23/84	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	134	7	0.05	49	1	0.02	48	5	0.10	37	1	0.03			
00400	PH	Fresh Chronic	9.	121	2	0.02	45	0	0.00	44	0	0.00	32	2	0.06			
		Other-Lo Lim.	6.5	121	0	0.00	45	0	0.00	44	0	0.00	32	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

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

Annual Analysis for 1983 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.2	10.933	19.3	6.3	52.703	7.26	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	259.	259.	368.	150.	23762.	154.149	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	10.9	12.3	8.3	5.08	2.254	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	14.5	15.611	28.9	0.	132.289	11.502	0.	4.6	27.	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	4	221.	257.5	468.	120.	25227.	158.83	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.	9.487	13.1	6.8	5.75	2.398	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	12.1	12.333	19.4	5.5	48.343	6.953	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	250.	249.333	261.	237.	144.333	12.014	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.1	10.633	12.6	8.2	5.003	2.237	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	3	7.8	7.9	8.1	7.8	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	3	7.8	7.879	8.1	7.8	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	3	0.016	0.013	0.016	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 1986 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	19.2	15.264	28.5	0.9	123.071	11.094	1.08	4.5	26.7	28.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	329.	348.545	508.	253.	6461.873	80.386	257.6	281.	435.	494.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.3	7.682	13.8	0.2	19.042	4.364	0.7	4.9	12.9	13.68
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.8	7.973	9.	7.4	0.278	0.527	7.4	7.6	8.4	8.92
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.8	7.761	9.	7.4	0.328	0.572	7.4	7.6	8.4	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	11	0.016	0.017	0.04	0.001	0.	0.014	0.001	0.004	0.025	0.04

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

Annual Analysis for 1987 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	12.35	14.425	28.8	2.5	98.933	9.947	2.62	6.475	25.6	28.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	270.	272.	437.	149.	6780.364	82.343	157.1	200.	325.5	412.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	6.9	5.992	11.6	0.1	13.624	3.691	0.55	2.55	8.9	11.24
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.5	7.555	8.1	7.	0.103	0.321	7.06	7.3	7.8	8.08
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.5	7.453	8.1	7.	0.114	0.338	7.06	7.3	7.8	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	11	0.032	0.035	0.1	0.008	0.001	0.026	0.008	0.016	0.05	0.09

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

Annual Analysis for 1988 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.25	17.32	29.8	4.7	63.135	7.946	5.27	10.7	24.375	29.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	341.	329.2	500.	164.	12325.511	111.02	165.1	232.	418.	493.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.3	8.66	11.9	5.9	3.7	1.924	5.95	6.85	9.875	11.75
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.7	7.756	8.3	7.2	0.1	0.317	7.2	7.6	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.7	7.656	8.3	7.2	0.111	0.334	7.2	7.6	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	9	0.02	0.022	0.063	0.005	0.	0.017	0.005	0.01	0.025	0.063

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

Annual Analysis for 1989 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.1	15.227	27.	2.4	87.408	9.349	2.58	4.7	24.5	26.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	308.	303.778	342.	224.	1166.694	34.157	224.	292.5	325.5	342.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.7	9.636	13.6	7.	4.287	2.07	7.08	7.7	10.6	13.36
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.8	7.936	8.6	7.5	0.135	0.367	7.5	7.6	8.2	8.56
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.8	7.817	8.6	7.5	0.15	0.388	7.5	7.6	8.2	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	11	0.016	0.015	0.032	0.003	0.	0.01	0.003	0.006	0.025	0.032

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

Annual Analysis for 1990 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.45	16.21	25.3	5.1	74.412	8.626	5.18	5.9	24.475	25.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	233.	244.	337.	171.	1888.5	43.457	171.	229.5	258.	337.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.1	9.45	14.	5.7	8.227	2.868	5.76	6.9	12.175	13.87
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	10	7.55	7.62	8.7	7.1	0.193	0.439	7.12	7.3	7.8	8.61
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	10	7.547	7.486	8.7	7.1	0.213	0.461	7.12	7.3	7.8	8.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	10	0.028	0.033	0.079	0.002	0.	0.022	0.003	0.016	0.05	0.077

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

Annual Analysis for 1991 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	21.044	28.9	8.6	57.133	7.559	8.6	14.25	28.6	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	365.	354.667	453.	251.	4829.5	69.495	251.	294.	407.	453.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.6	8.822	12.6	4.9	5.389	2.322	4.9	7.45	10.8	12.6
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.8	7.767	8.2	7.1	0.122	0.35	7.1	7.5	8.05	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.8	7.626	8.2	7.1	0.145	0.38	7.1	7.5	8.05	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	9	0.016	0.024	0.079	0.006	0.001	0.023	0.006	0.009	0.032	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	15.85	16.21	26.6	4.4	68.465	8.274	4.58	8.75	25.025	26.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	287.5	290.2	339.	249.	721.067	26.853	250.	273.25	308.75	336.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.65	9.32	13.4	6.8	4.944	2.224	6.81	7.125	10.675	13.24

** - 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 1992 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	10	7.75	7.79	8.2	7.5	0.063	0.251	7.5	7.575	7.975	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	10	7.747	7.732	8.2	7.5	0.067	0.259	7.5	7.575	7.975	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	10	0.018	0.019	0.032	0.006	0.	0.009	0.006	0.011	0.027	0.032

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

Annual Analysis for 1993 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	14.85	15.975	30.8	2.6	90.557	9.516	3.47	6.4	24.95	29.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	303.5	298.	439.	146.	8455.091	91.952	158.9	207.75	374.75	421.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	10.1	9.9	14.8	5.6	8.142	2.853	5.93	7.025	12.1	14.2
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.6	7.7	9.	7.2	0.224	0.473	7.24	7.4	7.8	8.76
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	11	7.6	7.565	9.	7.2	0.244	0.494	7.24	7.4	7.8	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	11	0.025	0.027	0.063	0.001	0.	0.017	0.004	0.016	0.04	0.058

** - Less than 9 observations ## - Computed with 50% or 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 NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	21.45	19.34	29.2	4.5	79.045	8.891	4.69	11.425	27.35	29.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	336.5	346.5	536.	250.	6187.833	78.663	253.5	294.	370.25	521.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	8.	8.51	13.	6.1	4.661	2.159	6.17	6.95	10.	12.82
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	10	7.8	7.89	8.9	7.3	0.241	0.491	7.31	7.55	8.2	8.86
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	10	7.8	7.71	8.9	7.3	0.277	0.526	7.31	7.55	8.2	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	10	0.016	0.019	0.05	0.001	0.	0.015	0.001	0.007	0.029	0.049

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

Annual Analysis for 1995 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.3	18.278	28.3	1.5	89.127	9.441	1.5	10.15	25.75	28.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	329.	347.667	571.	224.	10238.25	101.184	224.	288.	396.	571.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.1	8.933	13.4	6.3	4.983	2.232	6.3	7.6	10.55	13.4
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.9	7.844	8.3	7.3	0.12	0.347	7.3	7.55	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.9	7.725	8.3	7.3	0.136	0.369	7.3	7.55	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	9	0.013	0.019	0.05	0.005	0.	0.015	0.005	0.006	0.028	0.05

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

Annual Analysis for 1996 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	15.8	16.343	25.1	3.4	87.1	9.333	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	7	265.	284.857	517.	187.	12239.143	110.631	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	10.2	10.086	12.8	7.2	4.808	2.193	**	**	**	**
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	7	7.9	7.9	8.6	7.2	0.267	0.516	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	7	7.9	7.655	8.6	7.2	0.337	0.58	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	7	0.013	0.022	0.063	0.003	0.001	0.024	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	18.3	17.622	28.5	4.	74.924	8.656	4.	9.55	25.5	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	313.	308.	416.	194.	4306.5	65.624	194.	264.	354.5	416.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.4	9.4	12.6	6.4	3.997	1.999	6.4	7.75	10.9	12.6
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.8	7.967	8.7	7.3	0.202	0.45	7.3	7.7	8.35	8.7
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	9	7.8	7.792	8.7	7.3	0.237	0.487	7.3	7.7	8.35	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	9	0.016	0.016	0.05	0.002	0.	0.015	0.002	0.005	0.02	0.05

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	49	25.2	24.573	30.8	15.1	13.945	3.734	19.2	22.95	27.1	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	335.	344.178	536.	176.	5807.877	76.209	230.4	303.5	381.5	438.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	49	7.3	7.345	11.2	0.1	2.832	1.683	5.8	6.65	8.15	8.7
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	45	7.7	7.744	8.9	7.	0.13	0.36	7.3	7.5	7.9	8.14
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	45	7.7	7.617	8.9	7.	0.146	0.383	7.3	7.5	7.9	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	45	0.02	0.024	0.1	0.001	0.	0.019	0.007	0.013	0.032	0.05

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	49	5.9	6.669	19.8	0.	16.183	4.023	2.4	4.2	8.65	12.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	47	283.	289.936	500.	120.	7154.67	84.585	181.4	249.	329.	435.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	48	11.8	10.667	14.8	0.2	10.901	3.302	3.75	9.625	12.8	13.42
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	44	7.8	7.83	8.7	7.2	0.128	0.357	7.4	7.6	8.075	8.35
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	44	7.8	7.706	8.7	7.2	0.143	0.379	7.4	7.6	8.075	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	44	0.016	0.02	0.063	0.002	0.	0.015	0.004	0.008	0.025	0.04

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	37	18.2	18.846	28.9	7.	35.689	5.974	11.12	14.35	24.6	26.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	34	277.	280.324	571.	149.	6974.71	83.515	173.	229.25	325.5	383.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	37	9.	8.762	12.2	2.3	3.668	1.915	6.88	7.5	10.3	10.84
00400	PH (STANDARD UNITS)	01/23/84-10/14/97	32	7.7	7.853	9.	7.1	0.278	0.527	7.3	7.5	8.3	8.67
00400	CONVERTED PH (STANDARD UNITS)	01/23/84-10/14/97	32	7.7	7.628	9.	7.1	0.33	0.575	7.3	7.5	8.3	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/23/84-10/14/97	32	0.02	0.024	0.079	0.001	0.	0.02	0.002	0.005	0.032	0.05

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

Station Inventory for Station: NACC0046

NPS Station ID: NACC0046
LAT/LON: 38.857781/ -77.019448
Agency: 1113PESE
Date Created: / /
Location: POTO.R. ANACOSTIA CHAN RB"N"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 005 /005 /3C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.670
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0046

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: NACC0047

NPS Station ID: NACC0047 LAT/LON: 38.858503/ -77.026838 Agency: 11NPSWRD Date Created: 04/25/98
Location: POTOMAC RIVER NORTHWEST OF HAIN'S POINT FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NACE_AN_POTOMAC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059601.50 RF3 Mile Point: 4.50 Distance from RF3: 0.21 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALEXANDRIA VA.-D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS ON THE EAST SIDE OF THE POTOMAC RIVER ACROSS FROM WASHINGTON NATIONAL AIRPORT NORTHWEST OF HAIN'S POINT. SAMPLES FOR THIS SITE WERE COLLECTED FROM A BOAT FROM 17 APRIL 1990 UNTIL 13 SEPTEMBER 1995 AND WERE ANALYZED FOR DISSOLVED OXYGEN; CONDUCTIVITY; SECCHI DEPTH; TURBIDITY; AND SUSPENDED SOLIDS. SAMPLES WERE COLLECTED BY DICK HAMMERSCHLAG; CENTER FOR URBAN ECOLOGY; 4598 MCARTHUR BLVD NW; WASHINGTON DC 20242. TEL (202) 342-1443. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON DC 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

Parameter Inventory for Station: NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/96-11/20/97	33	19.9	19.397	28.5	5.5	40.162	6.337	10.84	14.45	24.75	27.26
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	97	0.77	0.818	1.9	0.17	0.133	0.365	0.316	0.605	1.	1.372
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	89	270.	265.899	423.	105.	5688.842	75.424	162.	200.	325.	365.
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	97	7.7	8.074	14.6	3.2	6.355	2.521	4.98	6.35	9.85	11.6

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

EPA Water Quality Criteria Analysis for Station: NACC0047

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	97	1	0.01	41	1	0.02	17	0	0.00	39	0	0.00			

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

Annual Analysis for 1991 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	10	0.725	0.825	1.51	0.55	0.117	0.342	0.55	0.588	0.945	1.497
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	4	347.5	333.25	423.	215.	7685.583	87.667	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	10	6.75	6.83	9.4	4.2	3.316	1.821	4.28	5.225	8.8	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 1992 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	10	0.775	0.85	1.55	0.35	0.094	0.306	0.385	0.715	0.985	1.495
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	8	263.	265.125	365.	200.	3595.839	59.965	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	10	7.95	8.13	10.6	5.7	2.811	1.677	5.75	6.8	9.925	10.57

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

Annual Analysis for 1993 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	16	0.835	0.792	1.37	0.17	0.115	0.339	0.233	0.518	0.988	1.251
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	16	320.	282.	379.	118.	8893.733	94.307	119.4	187.5	358.75	372.7
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	16	10.6	9.894	14.6	5.1	10.71	3.273	5.52	6.375	12.7	14.11

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

Annual Analysis for 1994 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	15	0.62	0.607	1.	0.18	0.047	0.217	0.222	0.55	0.7	0.97
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	15	300.	273.133	370.	105.	6105.124	78.135	120.	220.	325.	358.
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	15	8.3	8.32	11.3	4.4	4.056	2.014	5.12	6.6	10.4	11.06

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

Annual Analysis for 1995 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	13	0.9	0.97	1.7	0.6	0.085	0.291	0.64	0.725	1.16	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	13	250.	251.846	339.	162.	3548.641	59.57	170.8	190.	314.	331.4
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	13	7.5	8.123	12.5	5.5	4.605	2.146	5.7	6.4	9.65	11.86

** - 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 1996 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	16	0.635	0.752	1.6	0.17	0.206	0.454	0.24	0.325	1.165	1.46
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	16	216.5	224.313	328.	160.	2759.429	52.53	165.6	173.75	257.5	315.4
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	16	8.75	9.113	14.	6.6	4.027	2.007	6.74	7.45	10.2	12.6

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

Annual Analysis for 1997 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	17	0.8	0.952	1.9	0.2	0.189	0.435	0.544	0.705	1.1	1.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	17	278.	278.765	387.	157.	5837.691	76.405	161.8	212.5	342.5	378.2
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	17	5.1	5.829	9.1	3.2	3.095	1.759	4.	4.4	7.25	8.86

** - 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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	41	0.71	0.776	1.8	0.27	0.102	0.319	0.4	0.61	0.925	1.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	39	320.	318.308	423.	168.	2583.219	50.825	241.	300.	355.	370.
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	41	6.6	6.807	14.	3.2	4.555	2.134	4.4	5.55	7.65	9.4

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	17	1.	1.001	1.9	0.17	0.286	0.535	0.178	0.45	1.475	1.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	17	200.	227.294	387.	105.	7399.721	86.022	115.4	166.5	292.5	369.4
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	17	10.3	10.	14.6	5.	5.191	2.278	6.52	8.85	11.2	13.48

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/17/91-11/20/97	39	0.77	0.783	1.51	0.17	0.091	0.301	0.26	0.61	0.95	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-11/20/97	33	218.	223.848	332.	130.	2914.133	53.983	158.2	185.	267.5	307.
00300	OXYGEN, DISSOLVED MG/L	04/17/91-11/20/97	39	8.2	8.567	13.9	4.2	5.434	2.331	5.3	7.3	10.	12.

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

Station Inventory for Station: NACC0048

NPS Station ID: NACC0048 LAT/LON: 38.858892/ -77.017226 Agency: 21DCBAWQ Date Created: 10/11/86
Location: GREENLEAF POINT, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA25
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 6.820 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: GREENLEAF POINT, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	123	18.6	17.169	31.6	2.	75.138	8.668	5.6	8.2	25.4	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	15	96.	61.733	100.	0.	2025.067	45.001	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	4	0.6	0.525	0.8	0.1	0.116	0.34	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	121	296.	303.851	529.	99.	5862.544	76.567	218.	249.5	343.5	420.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	119	8.2	8.233	13.1	0.4	5.216	2.284	5.4	6.8	9.6	11.3
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	115	7.6	7.568	8.9	6.6	0.158	0.397	7.1	7.3	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	115	7.6	7.409	8.9	6.6	0.183	0.428	7.1	7.3	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	115	0.025	0.039	0.251	0.001	0.001	0.037	0.008	0.016	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/07/91-10/07/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/07/91-10/07/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04378	WAVE STATE CODE	03/05/96-12/03/96	9	1000.	1333.333	2000.	1000.	250000.	500.	1000.	1000.	2000.	2000.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/07/91-10/07/91	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: NACC0048

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	119	5	0.04	42	1	0.02	41	3	0.07	36	1	0.03			
00400	PH	Fresh Chronic	9.	115	0	0.00	42	0	0.00	39	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	115	0	0.00	42	0	0.00	39	0	0.00	34	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Annual Analysis for 1983 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	3	8.2	11.833	19.2	8.1	40.703	6.38	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	3	192.	220.667	371.	99.	19112.333	138.247	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	3	8.9	8.767	8.9	8.5	0.053	0.231	**	**	**	**

** - 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 1984 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	16.75	16.438	29.	4.	89.243	9.447	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	6	260.5	245.333	336.	145.	4638.267	68.105	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	7	7.8	8.186	11.2	5.	4.598	2.144	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	5	7.6	7.62	8.1	7.	0.162	0.402	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	5	7.6	7.458	8.1	7.	0.195	0.441	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	5	0.025	0.035	0.1	0.008	0.001	0.037	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	22.45	19.95	28.	6.4	62.343	7.896	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	256.5	270.5	340.	226.	1936.571	44.006	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	8.45	8.8	11.3	6.8	2.383	1.544	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.6	7.671	8.4	7.1	0.252	0.502	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.6	7.465	8.4	7.1	0.302	0.549	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	7	0.025	0.034	0.079	0.004	0.001	0.03	**	**	**	**

** - 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

Annual Analysis for 1986 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	20.	17.99	28.	5.	75.445	8.686	5.07	7.95	25.575	27.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	331.5	349.4	472.	262.	5581.378	74.709	264.2	290.	436.	469.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.3	7.8	12.1	5.1	4.363	2.089	5.1	6.35	9.05	12.1
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.65	7.68	8.3	7.	0.171	0.413	7.02	7.35	7.975	8.29
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.647	7.509	8.3	7.	0.203	0.451	7.02	7.35	7.975	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.023	0.031	0.1	0.005	0.001	0.03	0.005	0.011	0.046	0.096

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

Annual Analysis for 1987 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	12	12.65	14.733	29.6	2.5	96.232	9.81	2.68	6.525	25.725	28.67
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	12	284.	302.167	430.	209.	6482.333	80.513	211.7	231.75	377.25	427.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	12	6.5	6.092	11.1	0.4	12.439	3.527	0.79	2.625	9.175	10.62
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	12	7.35	7.342	7.9	6.6	0.172	0.414	6.63	7.125	7.675	7.87
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	12	7.325	7.15	7.9	6.6	0.212	0.46	6.63	7.125	7.675	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	12	0.047	0.071	0.251	0.013	0.006	0.076	0.014	0.021	0.075	0.236

** - Less than 9 observations ## - Computed with 50% or 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 NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	18.85	17.88	30.9	4.	83.453	9.135	4.27	10.	25.5	30.69
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	324.5	340.7	528.	218.	10163.122	100.812	218.	247.25	421.	517.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	10	8.15	8.4	11.4	5.8	4.404	2.099	5.83	6.55	10.625	11.36
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.4	7.62	8.6	7.2	0.295	0.543	7.2	7.2	7.925	8.6
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.4	7.433	8.6	7.2	0.334	0.578	7.2	7.2	7.925	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.04	0.037	0.063	0.003	0.001	0.024	0.003	0.016	0.063	0.063

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

Annual Analysis for 1989 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	12.3	13.511	28.	2.4	113.311	10.645	2.4	2.65	24.65	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	300.	316.667	454.	272.	3181.5	56.405	272.	281.5	330.	454.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	9.35	9.175	12.1	4.5	6.402	2.53	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.667	8.9	7.	0.363	0.602	7.	7.1	8.	8.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.402	8.9	7.	0.441	0.664	7.	7.1	8.	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.04	0.1	0.001	0.001	0.039	0.001	0.01	0.082	0.1

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

Annual Analysis for 1990 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	20.1	17.47	26.9	6.5	73.091	8.549	6.5	7.775	26.025	26.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	10	251.5	265.4	353.	200.	2472.267	49.722	202.1	225.5	308.25	350.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	10	7.75	8.05	11.2	4.	4.149	2.037	4.28	7.175	9.825	11.13
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.35	7.29	7.6	6.9	0.059	0.242	6.91	7.	7.5	7.59
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	10	7.347	7.226	7.6	6.9	0.063	0.252	6.91	7.	7.5	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	10	0.045	0.059	0.126	0.025	0.001	0.036	0.026	0.032	0.1	0.123

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

Annual Analysis for 1991 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	20.2	20.9	28.8	5.6	64.95	8.059	5.6	14.95	28.2	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	328.	329.444	406.	260.	2666.028	51.634	260.	286.5	375.5	406.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.6	8.233	11.7	5.3	3.87	1.967	5.3	6.75	9.65	11.7
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.522	7.8	7.	0.069	0.264	7.	7.4	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.443	7.8	7.	0.076	0.276	7.	7.4	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.032	0.036	0.1	0.016	0.001	0.026	0.016	0.016	0.041	0.1

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

Annual Analysis for 1992 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	17.2	16.9	27.4	5.6	78.232	8.845	5.6	6.95	25.4	27.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	277.	277.222	324.	220.	1485.194	38.538	220.	242.	314.5	324.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	8.7	8.522	12.6	4.7	5.352	2.313	4.7	6.85	10.	12.6

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

Annual Analysis for 1992 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.622	8.	7.2	0.067	0.259	7.2	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.552	8.	7.2	0.072	0.269	7.2	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.028	0.063	0.01	0.	0.018	0.01	0.016	0.041	0.063

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

Annual Analysis for 1993 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	8	21.3	19.3	31.6	6.2	78.354	8.852	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	8	342.5	323.25	410.	211.	4494.214	67.039	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	7.85	8.087	10.6	5.8	3.241	1.8	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.5	7.5	7.9	7.2	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	7	7.5	7.452	7.9	7.2	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	7	0.032	0.035	0.063	0.013	0.	0.017	**	**	**	**

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

Annual Analysis for 1994 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	16.6	17.422	29.4	5.5	75.974	8.716	5.5	9.35	26.45	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	324.	331.889	433.	220.	5659.111	75.227	220.	271.5	406.	433.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	8.3	8.389	12.	6.2	4.009	2.002	6.2	6.4	9.9	12.
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.656	8.5	7.1	0.155	0.394	7.1	7.4	7.8	8.5
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.7	7.529	8.5	7.1	0.173	0.416	7.1	7.4	7.8	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.02	0.03	0.079	0.003	0.	0.022	0.003	0.016	0.04	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	22.1	18.689	29.2	2.	89.424	9.456	2.	10.1	26.1	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	322.	342.556	529.	212.	9669.028	98.331	212.	286.	406.5	529.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	8	9.45	9.6	13.1	7.4	3.749	1.936	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.9	7.789	8.1	7.2	0.131	0.362	7.2	7.45	8.1	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.9	7.635	8.1	7.2	0.158	0.397	7.2	7.45	8.1	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.013	0.023	0.063	0.008	0.001	0.023	0.008	0.008	0.042	0.063

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

Annual Analysis for 1996 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	18.3	14.867	24.3	5.5	45.875	6.773	5.5	8.35	19.9	24.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	242.	257.889	379.	204.	3105.861	55.73	204.	210.	290.	379.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	8.2	8.522	12.	5.1	4.767	2.183	5.1	7.1	10.45	12.
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.522	7.8	7.3	0.037	0.192	7.3	7.35	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	9	7.5	7.487	7.8	7.3	0.038	0.196	7.3	7.35	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	9	0.032	0.033	0.05	0.016	0.	0.013	0.016	0.02	0.045	0.05

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	44	26.15	25.139	31.6	16.9	13.399	3.66	19.3	22.4	27.85	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	44	323.	321.614	445.	212.	3458.615	58.81	235.	274.	351.75	412.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	42	7.5	7.419	10.5	4.	1.834	1.354	5.8	6.5	8.425	9.27
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	42	7.6	7.581	8.6	7.	0.127	0.356	7.13	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	42	7.6	7.457	8.6	7.	0.143	0.378	7.13	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	42	0.025	0.035	0.1	0.003	0.001	0.026	0.01	0.016	0.05	0.075

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	43	6.5	7.753	21.3	2.	18.503	4.302	2.62	5.5	8.7	13.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	43	293.	301.093	528.	99.	8168.372	90.379	196.8	243.	351.	428.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	41	9.6	9.398	13.1	1.7	6.985	2.643	5.66	8.45	11.3	12.08
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	39	7.5	7.531	8.9	6.7	0.146	0.382	7.1	7.3	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	39	7.5	7.393	8.9	6.7	0.165	0.407	7.1	7.3	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	39	0.032	0.04	0.2	0.001	0.001	0.035	0.013	0.02	0.05	0.079

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	36	18.45	18.675	29.	8.8	32.148	5.67	10.57	14.425	23.925	26.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	34	270.	284.353	529.	200.	5593.266	74.788	218.	226.5	305.25	400.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	36	7.85	7.856	11.3	0.4	4.924	2.219	4.91	6.725	9.45	10.79
00400	PH (STANDARD UNITS)	05/08/84-12/03/96	34	7.55	7.594	8.6	6.6	0.217	0.466	7.	7.2	7.925	8.25
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/03/96	34	7.547	7.374	8.6	6.6	0.267	0.517	7.	7.2	7.925	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/03/96	34	0.028	0.042	0.251	0.003	0.002	0.048	0.006	0.012	0.063	0.1

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

Station Inventory for Station: NACC0049

NPS Station ID: NACC0049
LAT/LON: 38.860003/ -77.033615
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER AT HAINS POINT
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385130077014501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.21
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/24/79	19	200.	220.053	275.	182.	1248.83	35.339	190.	193.	265.	270.
00600	NITROGEN, TOTAL (MG/L AS N)	05/22/79-05/22/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	1.4	2.268	6.2	1.1	3.276	1.81	1.2	1.3	2.9	6.2
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	18	0.225	1.269	5.3	0.07	3.651	1.911	0.115	0.165	2.225	5.21
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	18	0.04	0.035	0.1	0.	0.001	0.026	0.	0.01	0.05	0.064
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	0.02	0.019	0.05	0.01	0.	0.008	0.01	0.02	0.02	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	0.99	1.003	1.1	0.81	0.011	0.107	0.84	0.87	1.1	1.1
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/79-05/24/79	19	0.28	1.249	5.3	0.13	3.484	1.866	0.15	0.2	2.1	5.2
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	05/22/79-05/24/79	19	0.17	0.55	3.3	0.	0.893	0.945	0.	0.1	0.34	2.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/22/79-05/24/79	19	0.41	1.775	7.1	0.15	5.911	2.431	0.29	0.36	5.	5.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/22/79-05/22/79	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/79-05/24/79	19	1.	1.016	1.1	0.8	0.009	0.096	0.9	0.9	1.1	1.1
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	05/22/79-05/22/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/22/79-05/24/79	19	0.074	0.076	0.104	0.064	0.	0.01	0.065	0.068	0.082	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/24/79	19	0.042	0.04	0.075	0.009	0.001	0.024	0.009	0.016	0.064	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/22/79-05/24/79	19	4.	5.374	15.	3.	8.334	2.887	3.2	3.5	6.7	8.2
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/22/79-05/22/79	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/79-05/24/79	19	6.5	5.932	6.7	4.2	0.941	0.97	4.3	4.6	6.6	6.7
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	18	29.35	32.128	67.3	1.6	399.075	19.977	10.6	14.4	52.7	62.62
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/22/79-05/24/79	15	2.3	2.68	5.7	1.3	2.055	1.433	1.3	1.4	4.1	5.28
32230	CHLOROPHYLL A (MG/L)	05/22/79-05/24/79	19	0.025	0.035	0.072	0.003	0.	0.021	0.015	0.016	0.056	0.068
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/79-05/24/79	18	0.05	0.044	0.13	0.	0.001	0.034	0.	0.01	0.06	0.085
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/79-05/24/79	19	4.4	4.411	4.8	3.6	0.187	0.432	3.7	3.9	4.8	4.8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	05/22/79-05/24/79	19	0.07	0.066	0.16	0.03	0.001	0.028	0.03	0.07	0.07	0.07
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/22/79-05/22/79	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0049

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.

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

Station Inventory for Station: NACC0050

NPS Station ID: NACC0050
LAT/LON: 38.860559/ -77.027781
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 4 HAINES PT.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385138077014000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.660
Distance from RF1: 0.60
On/Off RF1: ON
RF3 Index: 02070010002504.17
RF3 Mile Point: 4.23
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/03/83-08/03/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/03/83-08/03/83	1	36.3	36.3	36.3	36.3	0.	0.	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/03/83-08/03/83	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/83-08/03/83	1	43.	43.	43.	43.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: NACC0051

NPS Station ID: NACC0051
LAT/LON: 38.861115/ -77.013059
Agency: 21DCBAWQ
Date Created: 10/11/86
Location: BUZZARD PT. MARINA, D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ANA24
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 7.210
Distance from RF1: 1.10
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: BUZZARD PT. MARINA, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	444	20.3	19.394	31.1	0.	57.399	7.576	7.2	14.6	25.575	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	17	90.	60.059	100.	0.	1963.809	44.315	0.	10.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	123	0.7	0.691	1.8	0.1	0.074	0.272	0.4	0.5	0.9	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	437	293.	299.586	505.	82.	4838.344	69.558	220.	247.	341.5	400.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	433	7.2	7.267	14.8	0.4	5.551	2.356	4.8	5.9	8.6	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/83-06/03/86	14	2.25	2.307	4.	1.	0.95	0.975	1.05	1.4	3.2	3.8
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	427	7.3	7.323	8.9	6.	0.161	0.401	6.8	7.	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	427	7.3	7.145	8.9	6.	0.193	0.439	6.8	7.	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	427	0.05	0.072	1.	0.001	0.007	0.081	0.016	0.032	0.1	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	140	70.	70.221	116.	28.	295.987	17.204	48.	60.	82.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	102	8.	11.256	64.	0.02	142.805	11.95	0.1	4.75	15.	21.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/84-02/11/92	6	0.121	0.179	0.514	0.02	0.031	0.177	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-06/03/86	5	0.038	0.035	0.058	0.018	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/31/84-12/03/96	12	0.3	0.656	2.12	0.3	0.347	0.589	0.3	0.3	0.885	1.928
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	79	0.729	0.695	1.42	0.	0.1	0.317	0.252	0.518	0.91	1.062
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	76	0.069	0.068	0.222	0.	0.001	0.035	0.036	0.049	0.084	0.103
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	67	0.033	0.036	0.126	0.	0.001	0.023	0.005	0.022	0.048	0.062
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	107	0.017	0.018	0.05	0.	0.	0.013	0.004	0.005	0.027	0.034
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/05/91-07/07/92	3	0.	1.1	3.3	0.	3.63	1.905	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/05/91-07/07/92	3	0.	0.8	2.4	0.	1.92	1.386	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	140	116.	111.779	186.	4.	1212.044	34.814	73.1	94.	138.	148.
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/84-01/31/84	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
04378	WAVE STATE CODE	03/05/96-12/03/96	36	1000.	1194.444	2000.	1000.	161111.111	401.386	1000.	1000.	1000.	2000.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/11/83-12/15/83	3	5.	9.333	21.	2.	104.333	10.214	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/11/83-12/15/83	3	3.	6.833	17.	0.5	79.083	8.893	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	141	15.	21.078	168.	4.	520.715	22.819	7.	10.5	22.5	34.8

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

EPA Water Quality Criteria Analysis for Station: NACC0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	433	25	0.06	186	6	0.03	89	10	0.11	158	9	0.06			
00400	PH	Fresh Chronic	9.	427	0	0.00	183	0	0.00	90	0	0.00	154	0	0.00			
		Other-Lo Lim.	6.5	427	12	0.03	183	0	0.00	90	2	0.02	154	10	0.06			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00				2	0	0.00	3	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	12	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	141	10	0.07	50	1	0.02	53	8	0.15	38	1	0.03			

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

Annual Analysis for 1983 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	3	8.8	12.033	19.	8.3	36.463	6.038	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	3	0.4	0.4	0.7	0.1	0.09	0.3	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	3	188.	210.	360.	82.	19684.	140.3	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	3	8.8	8.733	8.9	8.5	0.043	0.208	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	3	6.8	6.7	6.8	6.5	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	3	6.8	6.676	6.8	6.5	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	3	0.158	0.211	0.316	0.158	0.008	0.091	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	3	60.	59.333	90.	28.	961.333	31.005	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	3	11.	27.667	64.	8.	992.333	31.501	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	3	0.518	0.476	0.563	0.347	0.013	0.114	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	3	0.099	0.126	0.182	0.098	0.002	0.048	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	3	0.053	0.059	0.075	0.048	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	3	0.036	0.035	0.038	0.031	0.	0.004	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	3	18.	67.333	168.	16.	7601.333	87.186	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	10	16.9	16.04	29.	1.	109.118	10.446	1.3	5.65	27.1	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	6	0.6	0.583	0.8	0.4	0.026	0.16	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	264.	254.	337.	140.	3843.75	61.998	140.	206.	300.5	337.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.6	7.922	11.2	4.8	4.087	2.022	4.8	6.3	9.6	11.2
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	8	7.35	7.275	7.8	6.6	0.168	0.41	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	8	7.347	7.102	7.8	6.6	0.202	0.45	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	8	0.045	0.079	0.251	0.016	0.006	0.08	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	10	74.	71.	96.	44.	354.	18.815	44.4	52.5	90.	95.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	8	14.	19.625	63.	8.	323.982	18.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	0.703	0.667	1.41	0.1	0.175	0.418	0.1	0.262	0.942	1.41
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	10	0.07	0.089	0.222	0.057	0.002	0.049	0.058	0.063	0.094	0.211
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	10	0.028	0.028	0.048	0.013	0.	0.01	0.014	0.021	0.033	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	9	0.017	0.016	0.03	0.004	0.	0.009	0.004	0.006	0.023	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	10	85.	91.6	156.	30.	1558.933	39.483	31.4	68.	121.5	154.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	10	16.	36.7	114.	12.	1584.233	39.802	12.	13.5	51.75	113.4

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Annual Analysis for 1985 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	9	25.2	20.656	28.5	6.5	60.825	7.799	6.5	13.5	26.55	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	6	0.7	0.733	1.	0.5	0.035	0.186	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	9	241.	246.222	340.	140.	3385.444	58.185	140.	220.5	287.	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	9	7.7	8.422	10.9	6.6	2.519	1.587	6.6	7.1	10.1	10.9
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	8	7.4	7.538	8.4	7.	0.223	0.472	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	8	7.4	7.376	8.4	7.	0.252	0.502	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	8	0.04	0.042	0.1	0.004	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	8	64.	66.5	90.	50.	168.857	12.995	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	9	7.	7.667	14.	2.	17.75	4.213	2.	4.	11.5	14.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	0.745	0.703	0.91	0.395	0.034	0.185	0.395	0.545	0.859	0.91
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	0.07	0.074	0.111	0.05	0.	0.018	0.05	0.063	0.085	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	9	0.032	0.033	0.067	0.005	0.	0.016	0.005	0.026	0.039	0.067
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	9	0.011	0.015	0.05	0.004	0.	0.015	0.004	0.004	0.02	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	9	104.	104.667	130.	84.	239.	15.46	84.	91.	118.	130.

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Annual Analysis for 1985 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	8	13.	14.75	36.	6.	90.214	9.498	**	**	**	**

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Annual Analysis for 1986 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	30	23.9	22.237	28.7	5.	39.222	6.263	9.89	18.5	27.1	28.18
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	9	0.7	0.744	1.1	0.5	0.035	0.188	0.5	0.6	0.85	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	30	333.5	365.033	474.	295.	4357.137	66.009	296.1	308.25	424.5	473.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	29	5.7	6.097	11.5	4.3	2.484	1.576	4.4	5.	6.7	8.4
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	30	7.4	7.413	8.9	6.5	0.243	0.493	6.9	7.1	7.7	7.99
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	30	7.4	7.201	8.9	6.5	0.289	0.538	6.9	7.1	7.7	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	30	0.04	0.063	0.316	0.001	0.004	0.065	0.01	0.02	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	10	73.	73.4	88.	60.	104.044	10.2	60.	64.5	82.	88.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	9	10.	9.889	16.	4.	14.611	3.822	4.	7.	13.	16.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	10	0.675	0.71	1.02	0.418	0.032	0.178	0.432	0.595	0.872	1.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	10	0.059	0.061	0.088	0.039	0.	0.016	0.039	0.046	0.073	0.087
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	10	0.033	0.031	0.061	0.005	0.	0.017	0.005	0.02	0.043	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	9 ##	0.004	0.012	0.034	0.004	0.	0.012	0.004	0.004	0.022	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	10	39.	59.6	142.	4.	3200.711	56.575	4.2	9.	125.	141.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	10	12.	14.5	31.	8.	52.5	7.246	8.1	9.75	17.75	30.2

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Annual Analysis for 1987 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	50	16.7	17.488	29.3	2.5	72.566	8.519	7.2	8.675	25.725	26.39
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	11	0.6	0.664	1.2	0.1	0.085	0.291	0.16	0.5	0.9	1.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	50	245.	273.8	484.	181.	5988.653	77.386	198.	220.75	308.	424.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	50	7.7	6.444	9.5	0.4	8.629	2.938	0.62	5.3	8.65	9.1
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	50	7.1	7.084	7.8	6.4	0.174	0.417	6.5	6.7	7.425	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	50	7.1	6.9	7.8	6.4	0.208	0.456	6.5	6.7	7.425	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	50	0.079	0.126	0.398	0.016	0.013	0.113	0.025	0.038	0.2	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	71.	70.5	90.	40.	269.182	16.407	43.6	57.	87.5	89.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	5	9.	15.8	54.	2.	467.2	21.615	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	4	0.651	0.619	0.911	0.264	0.107	0.327	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	4	0.061	0.071	0.119	0.046	0.001	0.032	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	4	0.046	0.046	0.06	0.03	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	12	0.018	0.017	0.032	0.	0.	0.012	0.001	0.004	0.029	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	107.	103.833	170.	52.	1138.515	33.742	52.6	79.5	121.5	161.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	15.	24.917	120.	8.	950.083	30.823	8.6	11.	24.25	94.2

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Annual Analysis for 1988 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	35	22.3	21.874	30.8	4.1	51.658	7.187	9.82	17.2	28.3	29.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.6	0.61	1.	0.4	0.034	0.185	0.4	0.475	0.725	0.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	35	376.	349.429	493.	212.	4456.723	66.759	243.8	286.	397.	411.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	35	5.9	6.357	12.	3.2	3.013	1.736	4.8	5.2	7.	8.9

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Annual Analysis for 1988 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	35	7.4	7.38	8.6	6.8	0.134	0.366	6.9	7.2	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	35	7.4	7.257	8.6	6.8	0.149	0.387	6.9	7.2	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	35	0.04	0.055	0.158	0.003	0.002	0.041	0.013	0.025	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	11	70.	75.909	116.	50.	400.891	20.022	51.6	58.	90.	111.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	3	8.	16.	33.	7.	217.	14.731	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	2	0.627	0.627	0.662	0.592	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	1	0.064	0.064	0.064	0.064	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	9	0.01	0.012	0.028	0.004	0.	0.008	0.004	0.005	0.019	0.028
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	11	110.	119.545	160.	73.	1033.073	32.141	73.2	96.	150.	160.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	11	17.	18.455	33.	10.	50.873	7.133	10.2	12.	24.	31.6

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Annual Analysis for 1989 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	36	21.35	20.025	27.9	2.5	50.48	7.105	5.24	18.025	25.	27.73
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	11	0.6	0.682	1.2	0.4	0.088	0.296	0.4	0.4	1.	1.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	32	282.	284.875	494.	219.	2000.5	44.727	247.3	270.	289.5	308.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	30	5.7	5.617	11.2	1.2	8.562	2.926	1.2	2.675	7.7	10.42
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	31	7.	7.09	8.	6.5	0.162	0.403	6.52	6.8	7.4	7.78
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	31	7.	6.94	8.	6.5	0.186	0.431	6.52	6.8	7.4	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	31	0.1	0.115	0.316	0.01	0.008	0.091	0.017	0.04	0.158	0.303
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	12	68.	66.333	80.	50.	92.242	9.604	50.6	60.	72.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	12	15.	15.75	56.	2.	195.841	13.994	3.2	7.	17.75	45.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	10	0.527	0.501	1.15	0.	0.185	0.43	0.	0.	0.937	1.134
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	9	0.023	0.037	0.111	0.	0.002	0.042	0.	0.	0.074	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	8	0.003	0.033	0.126	0.	0.002	0.048	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11	0.026	0.021	0.045	0.004	0.	0.014	0.004	0.004	0.03	0.043
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	106.	106.833	132.	86.	173.424	13.169	87.8	96.	116.	128.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	18.5	18.583	36.	8.	70.265	8.382	8.6	11.25	24.25	33.6

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Annual Analysis for 1990 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	41	22.7	19.912	26.6	0.6	46.871	6.846	6.9	17.95	25.3	25.68
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.55	0.67	1.2	0.3	0.093	0.306	0.31	0.4	0.925	1.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	41	243.	258.39	341.	198.	1925.544	43.881	219.	224.	304.	330.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	41	6.6	6.568	11.8	3.	3.948	1.987	3.6	5.65	7.5	8.88
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	38	7.3	7.168	7.8	6.7	0.103	0.321	6.79	6.9	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	38	7.3	7.06	7.8	6.7	0.115	0.339	6.79	6.9	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	38	0.05	0.087	0.2	0.016	0.003	0.059	0.032	0.04	0.126	0.163
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	11	54.	62.182	90.	38.	310.764	17.628	39.2	50.	80.	88.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	12	16.	15.667	25.	7.	49.697	7.05	7.	8.25	22.75	24.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	12	0.828	0.788	1.42	0.	0.151	0.388	0.063	0.633	0.983	1.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	12	0.076	0.071	0.106	0.	0.001	0.032	0.009	0.05	0.095	0.105
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	12	0.039	0.036	0.066	0.	0.	0.018	0.005	0.023	0.045	0.064
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	12	0.021	0.018	0.034	0.	0.	0.012	0.001	0.008	0.029	0.033
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	92.	98.5	132.	72.	496.091	22.273	72.6	76.5	124.	130.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	12	22.	29.5	60.	10.	296.818	17.228	11.2	17.5	49.25	58.2

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

Annual Analysis for 1991 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	42	20.	19.893	28.6	5.6	53.923	7.343	7.93	15.4	27.925	28.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	11	0.8	0.727	0.9	0.5	0.016	0.127	0.5	0.7	0.8	0.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	42	322.5	308.69	393.	240.	2203.341	46.94	248.	260.	342.75	375.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	42	6.8	7.688	11.6	5.6	3.811	1.952	5.9	6.3	9.225	11.4
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	42	7.3	7.271	7.6	6.6	0.052	0.229	7.	7.075	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	42	7.3	7.207	7.6	6.6	0.057	0.238	7.	7.075	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	42	0.05	0.062	0.251	0.025	0.002	0.04	0.032	0.032	0.085	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	15	76.	78.667	94.	64.	95.238	9.759	64.	72.	90.	92.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	11	12.	12.545	22.	2.	40.073	6.33	2.8	8.	18.	21.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	11	0.842	0.806	1.11	0.326	0.069	0.263	0.344	0.572	1.	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	11	0.048	0.056	0.095	0.038	0.	0.018	0.039	0.042	0.07	0.092
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	6	0.029	0.033	0.057	0.022	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11	0.008	0.012	0.039	0.003	0.	0.011	0.003	0.005	0.018	0.036
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	15	144.	130.267	148.	94.	411.924	20.296	96.4	108.	144.	148.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	15	16.	17.333	26.	11.	23.238	4.821	12.8	14.	20.	26.

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

Annual Analysis for 1992 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	32	23.5	19.825	27.7	0.	62.623	7.913	5.59	16.325	26.05	27.23
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	9	0.9	0.811	1.2	0.2	0.091	0.302	0.2	0.6	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	30	300.5	289.767	368.	212.	1190.944	34.51	231.2	272.	314.75	321.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	30	7.5	7.673	13.	3.7	4.927	2.22	4.68	5.7	9.275	10.44
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	30	7.5	7.41	7.9	6.	0.146	0.382	6.9	7.3	7.625	7.89
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	30	7.5	7.125	7.9	6.	0.23	0.479	6.9	7.3	7.625	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	30	0.032	0.075	1.	0.013	0.032	0.178	0.013	0.024	0.05	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	10	66.	69.	98.	48.	211.778	14.553	48.6	58.5	80.5	96.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	9	0.77	0.78	1.21	0.204	0.079	0.28	0.204	0.657	0.946	1.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	7	0.077	0.072	0.09	0.039	0.	0.017	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	4	0.052	0.056	0.088	0.033	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	11	0.022	0.025	0.05	0.	0.	0.016	0.001	0.016	0.04	0.049
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	11	128.	120.	140.	72.	440.	20.976	77.6	106.	138.	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	10	11.5	17.6	54.	7.	188.044	13.713	7.3	10.75	20.75	50.9

** - 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 1993 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	48	20.15	18.46	31.1	5.1	69.469	8.335	5.1	11.5	25.6	30.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.65	0.74	1.8	0.2	0.22	0.47	0.21	0.375	0.95	1.73
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	48	324.	310.125	404.	189.	4394.112	66.288	198.9	241.5	359.	403.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	48	8.2	8.687	14.8	4.9	7.043	2.654	5.88	6.8	9.725	14.6
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	44	7.45	7.355	7.9	6.7	0.108	0.328	6.8	7.1	7.5	7.85
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	44	7.447	7.231	7.9	6.7	0.123	0.351	6.8	7.1	7.5	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	44	0.036	0.059	0.2	0.013	0.002	0.048	0.014	0.032	0.079	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	10	77.	71.6	98.	34.	605.156	24.6	34.4	42.5	94.5	97.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	5	0.06	0.06	0.1	0.02	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	7	0.01	0.018	0.05	0.005	0.	0.017	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	10	122.	117.	174.	72.	1146.	33.853	72.2	78.5	142.5	171.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	10	12.5	21.6	100.	5.	799.822	28.281	5.2	7.75	21.25	92.5

** - 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 1994 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	43	20.	18.63	29.4	5.1	60.439	7.774	5.4	11.7	25.7	28.96
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	10	0.75	0.77	1.3	0.4	0.067	0.258	0.41	0.575	0.925	1.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	43	297.	308.14	400.	211.	2987.837	54.661	222.	269.	356.	381.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	43	7.4	7.644	12.1	4.2	4.698	2.167	5.14	6.1	8.8	11.76
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	43	7.5	7.514	8.7	6.9	0.166	0.408	7.04	7.3	7.6	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	43	7.5	7.376	8.7	6.9	0.186	0.431	7.04	7.3	7.6	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	43	0.032	0.042	0.126	0.002	0.001	0.03	0.009	0.025	0.05	0.092
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	9	80.	78.222	106.	54.	329.444	18.151	54.	62.	94.	106.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	10	0.09	0.084	0.2	0.02	0.003	0.051	0.022	0.04	0.1	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	4	0.025	0.023	0.03	0.01	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	9	154.	152.889	186.	94.	955.111	30.905	94.	129.	182.	186.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	9	10.	11.222	25.	5.	53.944	7.345	5.	5.5	16.5	25.

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

Annual Analysis for 1995 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	29	24.5	21.007	28.9	1.9	56.267	7.501	6.9	15.35	25.55	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	9	0.8	0.867	1.1	0.7	0.015	0.122	0.7	0.8	0.95	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	29	308.	326.345	505.	211.	9059.02	95.179	219.	258.5	394.	484.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	28	7.9	8.136	11.6	6.1	2.364	1.537	6.3	7.	9.15	11.31
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	29	7.5	7.576	8.1	7.1	0.126	0.355	7.2	7.2	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	29	7.5	7.45	8.1	7.1	0.143	0.378	7.2	7.2	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	29	0.032	0.036	0.079	0.008	0.001	0.025	0.008	0.013	0.063	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	10	76.	77.4	100.	60.	118.267	10.875	61.	70.	83.5	98.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	9	7.	7.	14.	2.	12.	3.464	2.	5.	9.	14.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	10	121.	122.2	142.	94.	270.622	16.451	94.8	111.	140.	141.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	10	6.	7.7	18.	4.	18.233	4.27	4.1	5.	10.25	17.3

** - 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 1996 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	36	18.5	17.158	24.3	5.4	27.741	5.267	8.5	18.225	19.175	24.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	8	0.4	0.425	0.7	0.1	0.042	0.205	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	36	252.5	276.333	427.	192.	4077.657	63.857	216.7	232.5	310.	405.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	36	8.5	7.986	10.2	4.7	2.03	1.425	4.87	7.8	8.875	9.1
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	36	7.25	7.419	8.	7.	0.114	0.338	7.07	7.2	7.8	7.93
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	36	7.247	7.315	8.	7.	0.125	0.354	7.07	7.2	7.8	7.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	36	0.057	0.048	0.1	0.01	0.001	0.029	0.012	0.016	0.063	0.086
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	9	44.	50.222	86.	30.	352.444	18.774	30.	33.	64.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	5	9.	8.4	12.	1.	20.3	4.506	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	9	124.	125.333	164.	94.	409.	20.224	94.	112.	137.	164.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	9	20.	25.667	75.	8.	443.5	21.059	8.	10.5	33.5	75.

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	193	25.6	24.973	31.1	16.7	12.615	3.552	19.	23.35	27.8	28.96
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	44	0.7	0.693	1.2	0.3	0.039	0.198	0.4	0.6	0.8	0.95
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	189	323.	318.963	430.	140.	3636.642	60.305	229.	272.	358.5	408.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	186	6.3	6.391	10.7	3.	2.017	1.42	4.7	5.4	7.425	8.4
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	183	7.4	7.411	8.7	6.8	0.113	0.336	7.	7.2	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	183	7.4	7.305	8.7	6.8	0.125	0.353	7.	7.2	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	183	0.04	0.05	0.158	0.002	0.001	0.034	0.016	0.025	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	50	76.	75.84	100.	36.	215.484	14.679	56.4	67.5	88.5	91.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	33	8.	8.286	25.	0.02	44.978	6.707	0.076	2.	12.5	17.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	25	0.847	0.786	1.42	0.	0.08	0.284	0.36	0.656	0.957	1.037
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	26	0.071	0.066	0.106	0.	0.001	0.025	0.029	0.057	0.082	0.093
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	21	0.03	0.032	0.08	0.	0.	0.019	0.003	0.023	0.044	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	35	0.008	0.012	0.032	0.003	0.	0.01	0.004	0.004	0.018	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	50	130.	122.6	180.	10.	1106.163	33.259	75.	110.	144.	155.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	50	14.	14.82	54.	4.	69.049	8.31	6.	10.	17.25	23.7

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	92	7.2	8.934	21.	0.	27.	5.196	3.42	5.4	11.575	18.37
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	47	0.7	0.728	1.8	0.1	0.117	0.342	0.3	0.5	1.	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	91	294.	305.615	494.	82.	7581.95	87.074	199.	247.	379.	427.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	89	9.	8.845	14.8	0.4	12.006	3.465	2.5	7.6	11.4	12.
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	90	7.4	7.259	8.1	6.5	0.163	0.403	6.7	6.9	7.5	7.79
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	90	7.4	7.075	8.1	6.5	0.197	0.444	6.7	6.9	7.5	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	90	0.04	0.084	0.316	0.008	0.006	0.08	0.016	0.032	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	52	66.	67.308	116.	28.	375.668	19.382	39.8	54.5	80.	94.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	40	8.	12.331	64.	0.02	194.946	13.962	0.19	5.	14.75	22.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	34	0.661	0.643	1.41	0.	0.12	0.347	0.106	0.419	0.862	1.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	32	0.063	0.067	0.222	0.	0.002	0.046	0.007	0.042	0.086	0.111
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	27	0.032	0.036	0.088	0.	0.001	0.023	0.	0.022	0.049	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	43	0.026	0.023	0.05	0.	0.	0.015	0.004	0.01	0.032	0.046
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	51	112.	111.059	184.	4.	1165.176	34.135	72.4	96.	132.	152.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	53	17.	27.981	168.	5.	990.48	31.472	8.	11.	26.5	69.

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/03/96	159	18.4	18.674	29.	8.5	27.807	5.273	11.4	15.1	23.7	25.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-12/03/96	32	0.65	0.634	1.1	0.1	0.058	0.242	0.4	0.5	0.8	0.97
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/03/96	157	261.	272.764	505.	181.	3565.617	59.713	213.8	234.5	296.	334.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/03/96	158	7.75	7.41	11.2	1.2	3.826	1.956	5.29	6.4	8.8	9.5
00400	PH (STANDARD UNITS)	10/11/83-12/03/96	154	7.2	7.256	8.9	6.	0.203	0.45	6.7	7.	7.5	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/11/83-12/03/96	154	7.2	7.043	8.9	6.	0.248	0.498	6.7	7.	7.5	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/83-12/03/96	154	0.063	0.091	1.	0.001	0.012	0.111	0.013	0.032	0.1	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/83-12/03/96	38	66.5	66.816	94.	34.	242.262	15.565	47.6	54.	80.	88.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/83-12/03/96	29	11.	13.154	56.	0.04	176.408	13.282	0.06	6.5	17.	23.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/83-12/08/92	20	0.721	0.671	1.22	0.1	0.084	0.291	0.209	0.444	0.893	0.984
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/11/83-12/08/92	18	0.07	0.074	0.119	0.039	0.001	0.023	0.042	0.059	0.089	0.112
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/11/83-09/15/92	19	0.035	0.038	0.126	0.005	0.001	0.027	0.005	0.026	0.05	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/11/83-11/15/94	29	0.015	0.016	0.039	0.004	0.	0.01	0.004	0.007	0.023	0.03

** - 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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	39	96.	98.846	186.	6.	1147.607	33.876	72.	80.	120.	144.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/11/83-12/03/96	38	16.	19.684	120.	5.	363.627	19.069	6.8	10.	23.25	35.1

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

Station Inventory for Station: NACC0052

NPS Station ID: NACC0052
LAT/LON: 38.861392/ -77.030560
Agency: 112WRD
Date Created: 03/31/84
Location: POTOMAC RIVER AT DANGERFIELD ISLAND
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385141077015000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010026
RF1 Mile Point: 6.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010014200.00
RF3 Mile Point: 1.23
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/26/79-07/26/79	197	27.5	27.441	28.5	26.8	0.111	0.334	27.	27.3	27.5	28.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/26/79-07/26/79	97	24.	25.979	36.	18.	12.541	3.541	24.	24.	30.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/26/79-07/26/79	210	330.	333.248	380.	303.	371.412	19.272	310.	320.	345.	365.
00300	OXYGEN, DISSOLVED MG/L	03/26/79-07/26/79	197	5.9	6.029	8.1	4.7	0.586	0.765	5.2	5.4	6.6	7.1
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	07/26/79-07/26/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	07/26/79-07/26/79	53	9.4	10.483	21.	6.2	9.384	3.063	8.24	8.65	11.	15.2
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	07/26/79-07/26/79	52	5.65	6.042	14.	3.5	3.342	1.828	4.06	5.	6.65	8.17
00321	BOD, ULTIMATE SECOND STAGE MG/L	07/26/79-07/26/79	52	4.2	4.517	12.4	1.	6.086	2.467	1.52	2.925	5.475	7.81
00325	DEOXYGENATION CONST, K1 TO BASE E,20 DEG C,PER DAY	07/26/79-07/26/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/26/79-07/26/79	197	7.7	7.693	8.3	7.3	0.06	0.246	7.4	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	03/26/79-07/26/79	197	7.7	7.631	8.3	7.3	0.064	0.254	7.4	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/79-07/26/79	197	0.02	0.023	0.05	0.005	0.	0.012	0.01	0.016	0.032	0.04
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	1.5	1.693	3.2	1.	0.398	0.631	1.06	1.3	1.9	3.08
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.48	0.509	0.93	0.	0.044	0.21	0.18	0.43	0.6	0.852
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.52	0.753	2.3	0.05	0.457	0.676	0.122	0.22	1.	2.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.03	0.029	0.04	0.02	0.	0.006	0.02	0.03	0.03	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	0.42	0.425	0.53	0.34	0.002	0.048	0.346	0.4	0.45	0.5
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/26/79-07/26/79	15	1.1	1.234	2.8	0.48	0.432	0.658	0.576	0.85	1.4	2.68
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/26/79-07/26/79	15	0.5	0.469	1.4	0.	0.097	0.311	0.12	0.3	0.55	0.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/26/79-07/26/79	15	1.4	1.704	3.1	0.86	0.511	0.715	1.004	1.2	2.3	3.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/26/79-07/26/79	15	0.5	0.473	0.6	0.4	0.004	0.059	0.4	0.4	0.5	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/26/79-07/26/79	15	0.119	0.141	0.23	0.095	0.002	0.045	0.099	0.114	0.164	0.23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/79-07/26/79	15	0.03	0.046	0.12	0.011	0.001	0.034	0.012	0.018	0.06	0.108
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/26/79-07/26/79	15	6.8	6.52	9.2	3.3	3.087	1.757	3.72	5.	7.8	8.96
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/79-07/26/79	15	3.2	3.227	3.7	2.8	0.055	0.234	2.92	3.1	3.4	3.58
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	15	28.8	29.387	40.	21.6	33.14	5.757	22.08	23.2	32.	38.56
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/26/79-07/26/79	15	22.9	22.953	30.	15.7	16.55	4.068	15.88	20.3	25.6	29.04
32230	CHLOROPHYLL A (MG/L)	07/26/79-07/26/79	15	0.046	0.045	0.054	0.033	0.	0.006	0.036	0.041	0.05	0.053
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/79-07/26/79	15	0.67	0.972	3.	0.06	0.777	0.881	0.156	0.28	1.3	2.76
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/26/79-07/26/79	15	1.9	1.893	2.3	1.5	0.041	0.202	1.56	1.8	2.	2.18
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/26/79-07/26/79	15	0.1	0.098	0.13	0.07	0.	0.018	0.07	0.1	0.1	0.13
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/26/79-07/26/79	6	0.535	0.543	0.71	0.37	0.024	0.153	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	07/26/79-07/26/79	15	26.	25.333	52.	11.	111.667	10.567	12.2	15.	31.	41.8
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	51	0.27	0.288	0.6	0.08	0.015	0.121	0.142	0.21	0.37	0.476
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	07/26/79-07/26/79	52	0.19	0.185	0.31	0.07	0.002	0.05	0.13	0.15	0.22	0.247
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	07/26/79-07/26/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	07/26/79-07/26/79	52	7.65	7.35	10.2	1.1	2.606	1.614	5.56	6.6	8.2	9.13

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

EPA Water Quality Criteria Analysis for Station: NACC0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	197	0	0.00	98	0	0.00	99	0	0.00						
00400	PH	Marine Chronic	8.5	197	0	0.00	98	0	0.00	99	0	0.00						
		Other-Lo Lim.	6.5	197	0	0.00	98	0	0.00	99	0	0.00						

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

Station Inventory for Station: NACC0053

NPS Station ID: NACC0053 LAT/LON: 38.863059/ -77.009448 Agency: 21DCBAWQ Date Created: 10/11/86
Location: BUZZARD PT. POWER PLANT, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA23
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: BUZZARD PT. POWER PLANT, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	132	18.4	17.267	31.4	2.	72.756	8.53	5.86	8.8	25.575	28.
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	16	92.5	63.75	100.	0.	1848.333	42.992	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	3	0.3	0.367	0.7	0.1	0.093	0.306	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	129	291.	293.465	556.	78.	5464.219	73.92	210.	245.5	331.	388.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	128	7.5	7.342	13.9	0.	5.477	2.34	4.58	6.	8.8	10.41
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	124	7.2	7.275	8.4	6.1	0.191	0.438	6.8	7.	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	124	7.2	7.059	8.4	6.1	0.238	0.488	6.8	7.	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	124	0.063	0.087	0.794	0.004	0.013	0.116	0.013	0.025	0.1	0.158
04378	WAVE STATE CODE	03/05/96-07/08/97	15	1000.	1200.	2000.	1000.	171428.571	414.039	1000.	1000.	1000.	2000.

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

EPA Water Quality Criteria Analysis for Station: NACC0053

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	128	10	0.08	45	3	0.07	44	3	0.07	39	4	0.10			
00400	PH	Fresh Chronic	9.	124	0	0.00	45	0	0.00	42	0	0.00	37	0	0.00			
		Other-Lo Lim.	6.5	124	5	0.04	45	0	0.00	42	1	0.02	37	4	0.11			

& - 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 1983 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	3	8.8	12.067	18.9	8.5	35.043	5.92	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	3	179.	202.333	350.	78.	18904.333	137.493	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	3	8.8	8.667	8.9	8.3	0.103	0.321	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	9	18.5	17.822	28.9	4.	89.499	9.46	4.	8.25	27.45	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	6	249.5	241.833	332.	150.	3612.967	60.108	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	8	6.35	7.025	10.5	5.2	3.045	1.745	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	5	7.3	7.32	7.7	6.8	0.152	0.39	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	5	7.3	7.183	7.7	6.8	0.175	0.419	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	5	0.05	0.066	0.158	0.02	0.003	0.058	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	8	22.3	19.95	28.	6.4	62.969	7.935	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	8	241.5	260.5	330.	210.	1921.429	43.834	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	8	7.5	7.887	10.3	5.8	2.147	1.465	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	8	7.4	7.6	8.3	7.1	0.22	0.469	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	8	7.389	7.428	8.3	7.1	0.254	0.504	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	8	0.041	0.037	0.079	0.005	0.001	0.028	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	10	19.8	18.15	28.5	5.	73.516	8.574	5.15	8.45	25.6	28.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	10	314.	348.2	464.	296.	3827.733	61.869	296.4	303.75	411.75	460.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	9	6.5	6.756	11.1	3.6	5.53	2.352	3.6	5.	8.5	11.1
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.35	7.38	8.4	6.8	0.268	0.518	6.8	6.95	7.575	8.37
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.347	7.179	8.4	6.8	0.313	0.56	6.8	6.95	7.575	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	10	0.045	0.066	0.158	0.004	0.003	0.056	0.004	0.032	0.115	0.158

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

Annual Analysis for 1987 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	11	16.1	15.818	29.4	2.6	91.954	9.589	3.32	7.1	25.9	28.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	11	261.	290.091	556.	126.	13398.291	115.751	138.6	235.	332.	528.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	11	5.6	5.2	9.2	0.	11.352	3.369	0.24	1.8	8.5	9.12
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	11	6.9	6.973	7.6	6.3	0.184	0.429	6.34	6.6	7.4	7.58
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	11	6.9	6.796	7.6	6.3	0.218	0.467	6.34	6.6	7.4	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	11	0.126	0.16	0.501	0.025	0.022	0.147	0.026	0.04	0.251	0.464

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

Annual Analysis for 1988 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	10	18.95	17.85	31.1	3.8	82.227	9.068	4.14	9.975	25.1	30.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	10	354.	339.8	464.	231.	6633.067	81.444	233.	262.25	406.5	460.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	10	7.1	7.	10.9	4.2	3.582	1.893	4.28	5.525	7.875	10.65
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.3	7.32	7.9	6.8	0.117	0.343	6.81	7.05	7.6	7.87
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.289	7.205	7.9	6.8	0.132	0.363	6.81	7.05	7.6	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	10	0.051	0.062	0.158	0.013	0.002	0.047	0.014	0.025	0.091	0.155

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

Annual Analysis for 1989 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	10	13.35	13.73	28.	2.7	95.64	9.78	2.73	3.375	24.2	27.71
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	10	290.5	299.4	450.	245.	3642.711	60.355	245.7	255.	312.25	439.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	9	8.3	7.644	11.3	1.7	10.965	3.311	1.7	5.05	10.65	11.3
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.15	7.18	8.1	6.1	0.371	0.609	6.15	6.825	7.8	8.07
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.125	6.813	8.1	6.1	0.52	0.721	6.15	6.825	7.8	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	10	0.075	0.154	0.794	0.008	0.056	0.237	0.009	0.016	0.157	0.74

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

Annual Analysis for 1990 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	10	20.1	17.6	26.9	6.8	71.833	8.475	6.8	8.075	25.925	26.87
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	10	257.	256.6	333.	185.	2551.822	50.516	187.4	215.75	295.25	332.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	10	7.35	7.01	9.6	2.3	4.637	2.153	2.58	5.925	8.375	9.59
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.05	7.09	7.8	6.5	0.132	0.363	6.53	6.875	7.3	7.75
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.025	6.966	7.8	6.5	0.149	0.386	6.53	6.875	7.3	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	10	0.094	0.108	0.316	0.016	0.007	0.087	0.019	0.05	0.134	0.3

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

Annual Analysis for 1991 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	9	20.6	20.956	28.7	5.8	63.878	7.992	5.8	14.95	28.35	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	9	316.	312.111	374.	259.	1489.861	38.599	259.	274.5	340.5	374.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	9	6.9	7.7	10.3	5.7	3.365	1.834	5.7	6.	9.6	10.3
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.1	7.167	7.9	6.9	0.098	0.312	6.9	6.9	7.25	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.1	7.094	7.9	6.9	0.103	0.322	6.9	6.9	7.25	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	9	0.079	0.081	0.126	0.013	0.002	0.039	0.013	0.057	0.126	0.126

** - Less than 9 observations ## - Computed with 50% or 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 NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	9	17.3	17.089	27.2	5.8	75.996	8.718	5.8	7.5	25.6	27.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	9	264.	267.222	322.	209.	1225.944	35.013	209.	244.5	293.5	322.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	9	8.5	7.933	11.2	2.7	6.445	2.539	2.7	6.65	9.2	11.2

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Annual Analysis for 1992 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.2	7.211	7.9	6.1	0.294	0.542	6.1	6.9	7.65	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.2	6.848	7.9	6.1	0.442	0.665	6.1	6.9	7.65	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	9	0.063	0.142	0.794	0.013	0.062	0.249	0.013	0.023	0.129	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 NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	9	18.4	18.222	31.4	5.3	82.987	9.11	5.3	10.35	25.7	31.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	9	319.	315.222	388.	240.	2389.444	48.882	240.	269.	350.	388.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	9	7.6	8.167	13.9	5.3	5.635	2.374	5.3	7.	8.6	13.9
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	8	7.35	7.275	7.7	6.7	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	8	7.347	7.148	7.7	6.7	0.143	0.379	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	8	0.045	0.071	0.2	0.02	0.004	0.061	**	**	**	**

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

Annual Analysis for 1994 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	10	18.4	18.21	29.9	5.3	72.677	8.525	5.51	10.775	26.6	29.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	10	303.	302.2	373.	221.	2846.4	53.352	222.	262.5	353.75	372.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	10	6.95	7.13	10.5	3.4	3.293	1.815	3.66	6.45	8.05	10.3
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.3	7.35	8.1	6.8	0.185	0.43	6.81	6.975	7.675	8.08
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	10	7.289	7.191	8.1	6.8	0.213	0.462	6.81	6.975	7.675	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	10	0.051	0.064	0.158	0.008	0.003	0.051	0.008	0.022	0.106	0.155

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

Annual Analysis for 1995 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	9	21.9	18.733	29.1	2.	89.79	9.476	2.	10.05	26.25	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	9	300.	314.778	447.	196.	5773.694	75.985	196.	275.5	371.5	447.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	8	8.25	8.313	11.5	5.5	5.033	2.243	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.4	7.489	8.1	7.	0.131	0.362	7.	7.2	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.4	7.372	8.1	7.	0.146	0.383	7.	7.2	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	9	0.04	0.042	0.1	0.008	0.001	0.03	0.008	0.016	0.063	0.1

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

Annual Analysis for 1996 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	9	18.4	15.5	24.2	6.1	42.77	6.54	6.1	9.25	20.95	24.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	9	247.	252.556	361.	175.	3781.778	61.496	175.	192.5	300.	361.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	9	6.9	6.878	10.9	4.4	4.594	2.143	4.4	5.	8.25	10.9
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.1	7.122	7.4	6.8	0.034	0.186	6.8	7.	7.25	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	9	7.1	7.086	7.4	6.8	0.036	0.19	6.8	7.	7.25	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	9	0.079	0.082	0.158	0.04	0.001	0.038	0.04	0.057	0.103	0.158

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

Annual Analysis for 1997 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	6	11.1	13.2	28.2	4.	77.952	8.829	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	6	291.	317.5	515.	226.	10249.1	101.238	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	6	8.95	8.95	11.8	7.2	2.691	1.64	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	6	7.7	7.617	8.1	7.2	0.126	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	6	7.7	7.5	8.1	7.2	0.142	0.377	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	6	0.02	0.032	0.063	0.008	0.001	0.025	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	47	26.4	25.294	31.4	17.1	12.51	3.537	19.06	23.3	28.	29.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	46	300.	299.891	417.	196.	2945.477	54.272	227.1	258.5	332.	376.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	45	6.8	6.6	9.6	2.3	2.659	1.631	4.32	5.55	7.85	8.5
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	45	7.4	7.409	8.3	6.8	0.162	0.403	6.9	7.	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	45	7.4	7.25	8.3	6.8	0.188	0.434	6.9	7.	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	45	0.04	0.056	0.158	0.005	0.002	0.045	0.013	0.02	0.1	0.126

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	46	6.95	7.993	21.5	2.	17.214	4.149	3.35	5.675	9.2	13.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	46	294.5	300.783	556.	78.	8109.863	90.055	181.1	245.	351.5	435.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	44	8.8	8.598	13.9	1.2	6.758	2.6	5.3	7.3	10.5	11.25
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	42	7.2	7.202	8.1	6.5	0.134	0.366	6.8	6.9	7.4	7.77
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	42	7.2	7.071	8.1	6.5	0.151	0.389	6.8	6.9	7.4	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	42	0.063	0.085	0.316	0.008	0.004	0.066	0.017	0.04	0.126	0.158

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-07/08/97	39	18.4	18.533	28.9	9.	29.855	5.464	10.9	14.1	23.6	25.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-07/08/97	37	261.	276.378	515.	126.	5187.908	72.027	205.	237.5	305.	362.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-07/08/97	39	7.1	6.782	10.3	0.	4.78	2.186	3.5	5.8	8.3	9.4
00400	PH (STANDARD UNITS)	05/08/84-07/08/97	37	7.2	7.195	8.4	6.1	0.268	0.518	6.46	6.9	7.45	7.94
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-07/08/97	37	7.2	6.894	8.4	6.1	0.361	0.601	6.46	6.9	7.45	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-07/08/97	37	0.063	0.128	0.794	0.004	0.035	0.188	0.012	0.036	0.126	0.353

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

Station Inventory for Station: NACC0054

NPS Station ID: NACC0054 LAT/LON: 38.863059/ -77.021671 Agency: 21DCBAWQ Date Created: 06/18/88
Location: WASHINGTON CHANNEL NORTH,WASH.DC FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PWC07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id: WASHINGTON CHANNEL NORTH
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010026 RF1 Mile Point: 7.050 Distance from RF1: 5.20 On/Off RF1: ON
RF3 Index: 02070010073500.00 RF3 Mile Point: 1.53 Distance from RF3: 0.04 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH N LOCATION:DC WASHINGTON CHANNEL NORTH SIDE OF BRIDGE
PATINGNAGENCY: DC DEPT OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: NACC0054

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: NACC0055

NPS Station ID: NACC0055 | LAT/LON: 38.863059/ -77.029448 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: ROACHES RUN, D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS25
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0093.50
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010033 | RF1 Mile Point: 1.410 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003200.53 | RF3 Mile Point: 1.82 | Distance from RF3: 0.20 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROACHES RUN, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	132	17.25	16.612	31.1	0.9	79.821	8.934	4.5	7.525	25.175	27.61
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	78.5	57.2	100.	0.	2306.178	48.023	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.9	0.7	1.	0.2	0.19	0.436	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	124	300.5	305.129	599.	120.	6555.008	80.963	196.5	253.	349.25	420.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	132	8.7	9.002	14.8	1.	7.477	2.734	6.5	7.3	10.8	12.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	3 ##	0.5	0.9	1.7	0.5	0.48	0.693	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	120	7.8	7.848	9.	7.	0.159	0.399	7.4	7.525	8.075	8.49
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	120	7.8	7.696	9.	7.	0.182	0.427	7.4	7.525	8.075	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	120	0.016	0.02	0.1	0.001	0.	0.016	0.003	0.008	0.03	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/83-11/16/83	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	3	5.	9.667	20.	4.	80.333	8.963	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	3	0.3	0.317	0.551	0.1	0.051	0.226	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	3	0.088	0.089	0.1	0.08	0.	0.01	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	3	0.047	0.056	0.082	0.038	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	3	0.031	0.042	0.066	0.03	0.	0.021	**	**	**	**
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1250.	2000.	1000.	200000.	447.214	1000.	1000.	1750.	2000.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	11/16/83-11/16/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	132	7	0.05	49	1	0.02	47	5	0.11	36	1	0.03			
00400	PH	Fresh Chronic	9.	120	1	0.01	46	0	0.00	43	0	0.00	31	1	0.03			
		Other-Lo Lim.	6.5	120	0	0.00	46	0	0.00	43	0	0.00	31	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

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

Annual Analysis for 1983 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	2	13.2	13.2	19.1	7.3	69.62	8.344	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	302.	302.	355.	249.	5618.	74.953	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	2	10.25	10.25	12.4	8.1	9.245	3.041	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	19.4	17.5	28.8	4.	108.809	10.431	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	151.	188.333	294.	120.	8614.333	92.813	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.05	9.387	13.	6.4	6.176	2.485	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	12.2	12.267	19.1	5.5	46.243	6.8	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	261.	265.333	295.	240.	770.333	27.755	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	10.9	10.767	12.7	8.7	4.013	2.003	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.7	7.867	8.2	7.7	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.7	7.812	8.2	7.7	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	3	0.02	0.015	0.02	0.006	0.	0.008	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	19.1	15.145	28.6	0.9	124.671	11.166	1.1	4.5	26.8	28.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	330.	346.545	490.	255.	5538.073	74.418	259.2	284.	424.	478.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.3	7.782	13.8	1.	17.39	4.17	1.32	5.5	12.8	13.68
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.945	8.9	7.4	0.245	0.495	7.4	7.5	8.4	8.82
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.751	8.9	7.4	0.287	0.535	7.4	7.5	8.4	8.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.016	0.018	0.04	0.001	0.	0.014	0.002	0.004	0.032	0.04

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

Annual Analysis for 1987 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	12.3	14.492	29.1	2.4	98.457	9.923	2.61	6.4	25.625	28.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	270.	271.583	427.	149.	6233.72	78.954	160.7	199.75	323.25	405.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.2	6.083	11.7	1.1	12.276	3.504	1.16	2.65	8.825	11.01
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.6	7.591	8.	7.	0.103	0.321	7.04	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.6	7.477	8.	7.	0.117	0.342	7.04	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.025	0.033	0.1	0.01	0.001	0.028	0.01	0.016	0.05	0.093

** - Less than 9 observations ## - Computed with 50% or 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 NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.3	17.4	30.5	4.7	67.187	8.197	5.26	10.75	24.65	30.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	339.	330.7	503.	166.	12443.122	111.549	166.9	231.25	416.5	496.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.3	8.9	11.7	6.5	3.269	1.808	6.56	7.1	10.35	11.61
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.9	7.844	8.5	7.2	0.133	0.364	7.2	7.6	8.05	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.9	7.71	8.5	7.2	0.153	0.391	7.2	7.6	8.05	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.013	0.019	0.063	0.003	0.	0.018	0.003	0.009	0.025	0.063

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

Annual Analysis for 1989 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.1	15.209	27.	1.6	90.409	9.508	1.96	4.8	24.5	26.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	305.	303.667	342.	224.	1173.5	34.256	224.	293.5	326.	342.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.7	9.773	13.7	7.1	4.206	2.051	7.22	7.8	10.5	13.5
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.9	7.973	8.7	7.5	0.15	0.388	7.52	7.6	8.3	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.9	7.846	8.7	7.5	0.168	0.41	7.52	7.6	8.3	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.013	0.014	0.032	0.002	0.	0.01	0.002	0.005	0.025	0.03

** - 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

Annual Analysis for 1990 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.5	16.27	25.3	5.	76.167	8.727	5.07	5.925	24.525	25.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	239.	242.778	315.	172.	1393.944	37.336	172.	229.	257.5	315.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.	9.72	14.1	7.	6.511	2.552	7.01	7.325	12.25	13.93
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.6	7.71	8.7	7.4	0.143	0.378	7.41	7.5	7.825	8.62
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.6	7.619	8.7	7.4	0.152	0.39	7.41	7.5	7.825	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	10	0.025	0.024	0.04	0.002	0.	0.011	0.003	0.015	0.032	0.039

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

Annual Analysis for 1991 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	21.044	29.2	8.2	57.453	7.58	8.2	14.55	28.5	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	347.	352.889	470.	253.	5075.361	71.242	253.	297.	405.	470.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.1	8.644	13.1	5.4	4.875	2.208	5.4	7.4	9.85	13.1
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.9	7.822	8.1	7.3	0.077	0.277	7.3	7.6	8.05	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.9	7.734	8.1	7.3	0.086	0.293	7.3	7.6	8.05	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.013	0.018	0.05	0.008	0.	0.014	0.008	0.009	0.026	0.05

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

Annual Analysis for 1992 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	15.95	16.09	26.5	4.5	66.69	8.166	4.69	8.425	24.85	26.41
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	286.5	289.	322.	253.	531.111	23.046	253.6	274.	309.25	321.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.75	9.57	13.3	7.	4.789	2.188	7.02	7.35	11.05	13.21

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

Annual Analysis for 1992 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.85	7.8	8.3	7.4	0.087	0.294	7.41	7.5	8.025	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.847	7.716	8.3	7.4	0.094	0.307	7.41	7.5	8.025	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	10	0.014	0.019	0.04	0.005	0.	0.012	0.005	0.009	0.032	0.039

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

Annual Analysis for 1993 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	14.5	15.9	31.1	2.2	94.136	9.702	3.19	6.4	25.25	29.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	304.	295.5	388.	146.	7395.364	85.996	158.6	208.	374.75	385.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	10.45	9.842	14.8	4.8	8.392	2.897	5.34	7.175	11.725	14.2
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.7	7.791	9.	7.2	0.245	0.495	7.24	7.5	8.	8.84
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.7	7.621	9.	7.2	0.277	0.526	7.24	7.5	8.	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.02	0.024	0.063	0.001	0.	0.018	0.002	0.01	0.032	0.058

** - Less than 9 observations ## - Computed with 50% or 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 NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.1	18.433	29.3	4.5	78.965	8.886	4.5	9.95	26.35	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	345.	329.	404.	246.	2295.25	47.909	246.	291.	360.5	404.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.2	8.667	13.1	6.5	4.69	2.166	6.5	6.9	10.2	13.1
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.8	7.933	8.8	7.4	0.195	0.442	7.4	7.65	8.2	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.8	7.788	8.8	7.4	0.219	0.468	7.4	7.65	8.2	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.016	0.016	0.04	0.002	0.	0.012	0.002	0.008	0.023	0.04

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

Annual Analysis for 1995 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.3	18.389	28.5	1.5	89.496	9.46	1.5	10.4	25.85	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	337.	365.556	599.	226.	13503.778	116.206	226.	287.	453.5	599.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	9.167	13.7	6.7	5.205	2.281	6.7	7.65	10.75	13.7
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.1	7.956	8.4	7.5	0.125	0.354	7.5	7.6	8.25	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.1	7.831	8.4	7.5	0.143	0.378	7.5	7.6	8.25	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.008	0.015	0.032	0.004	0.	0.011	0.004	0.006	0.026	0.032

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

Annual Analysis for 1996 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	15.8	16.329	25.1	3.3	87.532	9.356	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	7	265.	277.714	465.	187.	8684.571	93.191	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	10.2	10.029	12.8	7.3	4.549	2.133	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	7	7.9	7.857	8.5	7.2	0.25	0.5	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	7	7.9	7.616	8.5	7.2	0.317	0.563	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	7	0.013	0.024	0.063	0.003	0.001	0.027	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	18.2	17.589	28.5	4.1	74.326	8.621	4.1	9.65	25.45	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	316.	307.556	416.	194.	4125.778	64.232	194.	264.	350.	416.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.9	9.522	12.7	6.6	3.892	1.973	6.6	7.5	10.85	12.7
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	8.033	8.7	7.4	0.2	0.447	7.4	7.7	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.857	8.7	7.4	0.235	0.485	7.4	7.7	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.01	0.014	0.04	0.002	0.	0.012	0.002	0.003	0.02	0.04

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	49	25.3	24.584	31.1	15.1	14.833	3.851	19.1	22.9	27.2	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	338.	340.356	490.	188.	4481.189	66.942	233.6	300.5	376.5	430.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	49	7.4	7.48	10.8	1.1	2.304	1.518	6.4	6.8	8.15	9.7
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	46	7.85	7.815	8.8	7.	0.116	0.341	7.4	7.5	8.	8.23
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	46	7.847	7.694	8.8	7.	0.131	0.363	7.4	7.5	8.	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	46	0.014	0.02	0.1	0.002	0.	0.017	0.006	0.01	0.032	0.04

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	47	5.7	6.781	19.8	0.9	15.933	3.992	2.14	4.5	8.5	12.46
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	285.	287.935	503.	120.	6056.107	77.821	192.2	249.	323.25	400.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	47	11.8	10.679	14.8	1.	11.033	3.322	3.88	9.4	12.8	13.7
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	43	7.8	7.849	8.7	7.2	0.137	0.371	7.44	7.6	8.1	8.42
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	43	7.8	7.713	8.7	7.2	0.156	0.395	7.44	7.6	8.1	8.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	43	0.016	0.019	0.063	0.002	0.	0.015	0.004	0.008	0.025	0.037

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	36	17.7	18.597	29.2	7.	34.664	5.888	10.98	14.45	24.25	26.73
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	33	276.	281.061	599.	149.	7750.371	88.036	173.2	229.5	322.5	392.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	36	8.85	8.883	11.4	2.4	3.29	1.814	7.14	7.825	10.275	10.89
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	31	7.7	7.894	9.	7.2	0.261	0.511	7.3	7.6	8.4	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	31	7.7	7.677	9.	7.2	0.309	0.556	7.3	7.6	8.4	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	31	0.02	0.021	0.063	0.001	0.	0.018	0.002	0.004	0.025	0.05

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

Station Inventory for Station: NACC0056

NPS Station ID: NACC0056
LAT/LON: 38.865281/ -77.045837
Agency: 1113TIWQ
Date Created: / /
Location: PENTAGON STP ARLINGTON,VA.
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 039 /039 /STP-J
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010034
RF1 Mile Point: 1.030
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010001000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0056

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: NACC0057

NPS Station ID: NACC0057 LAT/LON: 38.866226/ -77.019448 Agency: 11NPSWRD Date Created: 04/25/98
Location: WASHINGTON CHANNEL NORTH OF GREENLEAF POINT FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NACE_AN_WASHCH
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059601.50 RF3 Mile Point: 4.50 Distance from RF3: 0.21 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALEXANDRIA VA.-D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS ON THE WASHINGTON CHANNEL APPROXIMATELY 1/2 MILE NORTH OF GREENLEAF POINT. THE SITE WAS ACCESSED BY BOAT. THE SAMPLES WERE COLLECTED FROM 19 APRIL 1990 UNTIL 13 SEPTEMBER 1995. SAMPLES WERE ANALYZED FOR DISSOLVED OXYGEN; CONDUCTIVITY; SECCHI DEPTH; TURBIDITY; AND SUSPENDED SOLIDS. SAMPLES WERE COLLECTED BY RICHARD HAMMERSCHLAG; CENTER FOR URBAN ECOLOGY; 4598 MCARTHUR BLVD NW; WASHINGTON DC 20242. TEL (202) 342-1443. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON DC 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

Parameter Inventory for Station: NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/96-11/20/97	34	20.2	19.659	28.6	7.	44.521	6.672	9.2	13.85	25.65	27.55
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	115	0.9	0.905	1.7	0.08	0.082	0.287	0.534	0.73	1.1	1.232
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	101	265.	266.871	383.	130.	4511.673	67.169	170.	206.5	327.5	350.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	115	8.	8.298	15.4	3.6	5.614	2.369	5.36	6.6	10.	11.68
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/23/92-11/23/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	11/23/92-11/23/92	1	2.1	2.1	2.1	2.1	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: NACC0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	115	2	0.02	50	1	0.02	22	0	0.00	43	1	0.02			
82078	TURBIDITY, FIELD	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

Annual Analysis for 1990 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	12	1.1	1.012	1.44	0.08	0.137	0.37	0.2	1.015	1.215	1.383
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	3	260.	258.333	320.	195.	3908.333	62.517	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	12	9.15	9.35	13.5	6.1	5.515	2.349	6.19	7.025	11.5	13.08

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

Annual Analysis for 1991 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	11	0.9	1.035	1.56	0.73	0.087	0.295	0.73	0.81	1.25	1.548
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	6	355.5	303.5	370.	165.	8639.5	92.949	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	11	7.8	8.009	10.6	4.4	3.761	1.939	4.76	6.3	9.6	10.58

** - 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 1992 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	12	1.025	1.083	1.65	0.7	0.06	0.246	0.76	0.905	1.233	1.545
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	12	245.	244.75	351.	130.	3529.659	59.411	151.	207.5	260.	348.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	12	8.3	8.858	12.	6.9	3.146	1.774	6.9	7.25	10.525	11.73

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

Annual Analysis for 1993 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	18	0.905	0.877	1.2	0.35	0.061	0.246	0.35	0.773	1.018	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	18	317.5	289.167	372.	155.	5680.618	75.37	159.5	232.5	346.25	368.4
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	18	8.9	9.494	15.4	5.5	6.808	2.609	6.22	7.275	11.675	12.7

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

Annual Analysis for 1994 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	15	0.75	0.759	1.2	0.24	0.055	0.235	0.396	0.65	0.9	1.056
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	15	310.	274.467	350.	130.	4712.124	68.645	161.2	220.	335.	350.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	15	8.	8.16	11.6	3.9	4.707	2.17	4.56	6.8	10.2	11.3

** - 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 1995 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	13	0.98	0.98	1.2	0.8	0.012	0.109	0.828	0.9	1.06	1.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	13	261.	260.308	323.	182.	2455.397	49.552	185.2	215.	314.	321.8
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	13	7.6	8.377	13.	5.4	4.977	2.231	5.48	6.95	10.05	12.16

** - 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 1996 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	17	0.7	0.706	1.1	0.15	0.064	0.253	0.278	0.575	0.95	1.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	17	220.	220.471	290.	150.	1890.015	43.474	158.	187.5	255.	290.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	17	8.	8.559	13.1	5.5	5.594	2.365	5.74	6.7	10.3	12.86

** - 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 1997 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	17	0.85	0.918	1.7	0.25	0.098	0.314	0.61	0.735	1.075	1.364
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	17	313.	292.176	383.	169.	4192.529	64.75	169.8	255.	340.	365.4
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	17	6.	5.882	9.4	3.6	1.989	1.41	4.4	4.7	6.8	7.72

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	50	0.9	0.909	1.44	0.31	0.044	0.21	0.65	0.808	1.008	1.195
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	44	320.5	312.364	372.	190.	2137.167	46.23	235.	282.5	348.75	364.5
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	50	7.4	7.622	11.8	3.6	3.597	1.897	5.03	6.3	9.025	10.45

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	22	0.99	0.872	1.7	0.08	0.182	0.427	0.177	0.5	1.183	1.294
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	20	215.	228.9	383.	130.	5270.305	72.597	151.	170.	286.25	351.1
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	22	9.95	9.955	15.4	4.7	6.552	2.56	6.43	8.075	12.025	13.29

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	43	0.9	0.917	1.65	0.25	0.08	0.282	0.62	0.7	1.1	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/90-11/20/97	37	230.	233.297	350.	130.	2709.159	52.05	164.	197.5	267.	310.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	43	7.8	8.237	13.1	3.9	5.781	2.404	5.28	6.4	10.3	11.78

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

Station Inventory for Station: NACC0058

NPS Station ID: NACC0058 LAT/LON: 38.866392/ -77.007226 Agency: 21DCBAWQ Date Created: 10/11/86
Location: S. CAPITAL ST. BRIDGE SOUTH, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ANA22
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010029 RF1 Mile Point: 0.290 Distance from RF1: 16.70 On/Off RF1: OFF
RF3 Index: 02070010068302.14 RF3 Mile Point: 8.71 Distance from RF3: 0.61 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: S. CAPITAL ST. BRIDGE SOUTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	139	18.2	17.195	31.4	2.1	71.637	8.464	5.8	8.8	25.6	27.8
00032	CLOUD COVER (PERCENT)	10/11/83-08/05/85	16	92.5	63.75	100.	0.	1848.333	42.992	0.	20.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/11/83-04/02/96	3	0.3	0.333	0.6	0.1	0.063	0.252	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	135	288.	296.748	634.	75.	6480.578	80.502	215.4	250.	325.	392.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	134	6.9	6.899	13.9	0.8	5.247	2.291	4.15	5.5	8.5	9.8
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	130	7.1	7.168	8.3	6.	0.167	0.409	6.7	6.9	7.4	7.7
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	130	7.1	6.986	8.3	6.	0.201	0.448	6.7	6.9	7.4	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	130	0.079	0.103	1.	0.005	0.015	0.124	0.02	0.04	0.126	0.2
04378	WAVE STATE CODE	03/05/96-12/02/97	19	1000.	1157.895	2000.	1000.	140350.877	374.634	1000.	1000.	1000.	2000.

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

EPA Water Quality Criteria Analysis for Station: NACC0058

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	134	13	0.10	48	5	0.10	46	3	0.07	40	5	0.13			
00400	PH	Fresh Chronic	9.	130	0	0.00	48	0	0.00	44	0	0.00	38	0	0.00			
		Other-Lo Lim.	6.5	130	5	0.04	48	0	0.00	44	2	0.05	38	3	0.08			

& - 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 1983 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	3	8.8	12.067	18.9	8.5	35.043	5.92	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	3	172.	197.333	345.	75.	18706.333	136.771	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	3	8.8	8.167	9.	6.7	1.623	1.274	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	9	18.	17.833	29.	4.2	88.425	9.403	4.2	8.3	27.4	29.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	6	251.5	254.333	325.	150.	3694.667	60.784	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	8	6.25	6.3	9.5	3.6	3.254	1.804	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	5	7.3	7.22	7.6	6.8	0.087	0.295	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	5	7.3	7.139	7.6	6.8	0.095	0.309	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	5	0.05	0.073	0.158	0.025	0.003	0.052	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	8	22.8	20.1	28.3	6.5	64.557	8.035	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	8	241.5	254.375	320.	205.	1991.696	44.628	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	8	7.65	7.538	9.7	4.5	2.66	1.631	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	8	7.45	7.525	8.3	7.	0.211	0.459	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	8	7.425	7.356	8.3	7.	0.243	0.493	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	8	0.038	0.044	0.1	0.005	0.001	0.035	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	10	19.8	18.21	28.9	5.	72.841	8.535	5.21	8.75	25.6	28.72
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	10	318.5	348.9	462.	270.	4272.322	65.363	272.7	298.5	410.5	457.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	9	6.8	6.489	11.4	3.	5.844	2.417	3.	4.65	7.55	11.4
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.3	7.28	8.3	6.8	0.188	0.434	6.8	6.875	7.4	8.21
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.3	7.136	8.3	6.8	0.211	0.46	6.8	6.875	7.4	8.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	10	0.05	0.073	0.158	0.005	0.003	0.054	0.008	0.04	0.134	0.158

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

Annual Analysis for 1987 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	12	13.3	14.867	29.4	2.9	94.937	9.744	3.02	6.575	25.6	28.47
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	12	275.	319.167	582.	189.	12930.879	113.714	205.5	246.25	392.75	548.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	12	6.15	5.708	9.9	0.8	9.51	3.084	0.86	2.65	8.2	9.66
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	12	6.75	6.767	7.5	6.	0.173	0.416	6.09	6.525	7.15	7.41
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	12	6.747	6.589	7.5	6.	0.208	0.456	6.09	6.525	7.15	7.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	12	0.179	0.258	1.	0.032	0.072	0.268	0.041	0.072	0.3	0.85

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

Annual Analysis for 1988 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	10	19.05	17.89	30.4	3.8	80.985	8.999	4.14	9.975	25.275	30.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	10	353.5	345.4	509.	240.	8434.711	91.841	240.9	257.25	407.	503.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	10	5.8	6.26	10.	3.7	3.352	1.831	3.78	5.25	7.65	9.81
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.05	7.14	7.7	6.7	0.083	0.288	6.72	6.975	7.325	7.67
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.047	7.063	7.7	6.7	0.089	0.299	6.72	6.975	7.325	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	10	0.09	0.086	0.2	0.02	0.003	0.052	0.022	0.048	0.106	0.192

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

Annual Analysis for 1989 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	11	14.1	13.309	25.	3.1	66.395	8.148	3.2	3.8	18.4	24.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	11	295.	313.364	537.	253.	6320.255	79.5	254.4	267.	337.	498.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	10	7.1	6.78	11.1	1.5	11.455	3.385	1.55	3.425	9.675	11.01
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	11	6.9	6.982	7.6	6.1	0.212	0.46	6.18	6.7	7.5	7.58
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	11	6.9	6.751	7.6	6.1	0.27	0.52	6.18	6.7	7.5	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	11	0.126	0.177	0.794	0.025	0.049	0.222	0.026	0.032	0.2	0.699

** - Less than 9 observations ## - Computed with 50% or 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 NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	10	20.25	17.66	26.9	6.8	71.46	8.453	6.81	8.175	26.15	26.84
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	10	253.	254.3	335.	180.	2641.567	51.396	182.5	215.5	290.5	334.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	10	6.15	6.41	9.1	3.2	3.374	1.837	3.36	5.325	7.95	9.09
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.05	7.	7.3	6.7	0.056	0.236	6.7	6.775	7.225	7.3
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.047	6.944	7.3	6.7	0.059	0.243	6.7	6.775	7.225	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	10	0.09	0.114	0.2	0.05	0.004	0.06	0.05	0.06	0.169	0.2

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

Annual Analysis for 1991 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	9	20.7	21.022	28.6	5.9	62.867	7.929	5.9	15.05	28.35	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	9	303.	306.333	359.	257.	1380.75	37.158	257.	269.5	340.5	359.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	9	6.7	6.9	10.	4.5	3.42	1.849	4.5	5.4	8.65	10.
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.	7.1	8.	6.8	0.13	0.361	6.8	6.9	7.15	8.
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.	7.016	8.	6.8	0.138	0.371	6.8	6.9	7.15	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	9	0.1	0.096	0.158	0.01	0.002	0.044	0.01	0.071	0.126	0.158

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

Annual Analysis for 1992 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	10	15.6	16.37	27.3	5.8	73.873	8.595	5.85	8.4	25.15	27.25
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	9	257.	263.889	323.	205.	1422.861	37.721	205.	242.5	293.5	323.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	9	7.9	7.378	11.1	2.1	6.744	2.597	2.1	6.2	8.55	11.1

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

Annual Analysis for 1992 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.2	7.222	7.9	6.6	0.222	0.471	6.6	6.8	7.65	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.2	7.032	7.9	6.6	0.263	0.512	6.6	6.8	7.65	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	9	0.063	0.093	0.251	0.013	0.007	0.081	0.013	0.026	0.158	0.251

** - Less than 9 observations ## - Computed with 50% or 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 NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	9	18.5	18.256	31.4	5.3	82.685	9.093	5.3	10.35	25.7	31.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	9	310.	298.778	370.	232.	2305.694	48.018	232.	253.5	341.	370.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	9	6.5	7.556	13.9	5.1	7.045	2.654	5.1	5.8	8.3	13.9
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	8	7.2	7.287	7.9	6.8	0.147	0.383	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	8	7.189	7.166	7.9	6.8	0.164	0.405	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	8	0.065	0.068	0.158	0.013	0.002	0.048	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	10	18.5	18.27	29.5	5.7	70.036	8.369	5.88	11.175	26.525	29.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	10	299.	293.4	360.	223.	2227.6	47.197	224.3	251.75	332.25	360.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	10	6.75	6.59	10.5	2.9	3.79	1.947	3.08	5.75	7.25	10.19
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.1	7.23	8.2	6.7	0.196	0.442	6.71	6.95	7.525	8.14
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.1	7.081	8.2	6.7	0.22	0.469	6.71	6.95	7.525	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	10	0.079	0.083	0.2	0.006	0.004	0.06	0.008	0.03	0.115	0.195

** - Less than 9 observations ## - Computed with 50% or 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 NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	9	21.8	18.678	29.2	2.1	89.867	9.48	2.1	9.9	26.05	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	9	289.	298.889	403.	190.	4464.111	66.814	190.	259.5	358.5	403.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	8	8.15	7.913	10.8	5.1	4.776	2.185	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.2	7.322	7.9	6.9	0.114	0.338	6.9	7.05	7.65	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.2	7.222	7.9	6.9	0.126	0.354	6.9	7.05	7.65	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	9	0.063	0.06	0.126	0.013	0.001	0.038	0.013	0.023	0.09	0.126

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

Annual Analysis for 1996 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	9	18.6	15.556	24.	6.1	42.093	6.488	6.1	9.45	21.15	24.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	9	250.	280.889	634.	167.	19901.361	141.072	167.	187.5	300.	634.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	9	6.	6.5	10.7	3.5	6.32	2.514	3.5	4.45	9.	10.7
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.1	7.067	7.2	6.7	0.03	0.173	6.7	6.95	7.2	7.2
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	9	7.1	7.032	7.2	6.7	0.031	0.177	6.7	6.95	7.2	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	9	0.079	0.093	0.2	0.063	0.002	0.045	0.063	0.063	0.113	0.2

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

Annual Analysis for 1997 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	10	15.8	16.22	28.1	4.4	88.126	9.388	4.62	7.125	26.925	28.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	10	290.	317.2	502.	234.	5466.622	73.937	238.	283.75	332.25	489.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	10	8.5	8.37	10.2	7.1	0.913	0.956	7.12	7.45	8.925	10.11
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.5	7.44	8.	6.9	0.114	0.337	6.92	7.175	7.7	7.97
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	10	7.489	7.327	8.	6.9	0.128	0.358	6.92	7.175	7.7	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	10	0.032	0.047	0.126	0.01	0.001	0.036	0.011	0.02	0.067	0.121

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	50	26.2	25.106	31.4	17.2	12.594	3.549	18.97	22.	27.425	29.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	49	291.	294.245	412.	190.	2948.73	54.302	219.	253.5	329.5	376.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	48	6.35	6.31	9.3	2.9	2.813	1.677	3.68	5.225	7.5	8.82
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	48	7.25	7.34	8.3	6.7	0.175	0.419	6.8	7.	7.675	8.
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	48	7.247	7.177	8.3	6.7	0.202	0.45	6.8	7.	7.675	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	48	0.057	0.067	0.2	0.005	0.003	0.052	0.01	0.021	0.1	0.158

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	49	7.1	7.994	21.7	2.1	16.293	4.036	3.6	5.75	9.35	13.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	48	297.5	317.271	634.	75.	12052.797	109.785	172.9	257.75	360.	473.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	46	8.45	8.087	13.9	0.8	6.825	2.612	4.57	6.85	10.	10.89
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	44	7.1	7.073	7.7	6.	0.1	0.316	6.75	6.825	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	44	7.1	6.932	7.7	6.	0.12	0.347	6.75	6.825	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	44	0.079	0.117	1.	0.02	0.022	0.149	0.032	0.05	0.15	0.179

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-12/02/97	40	18.05	18.578	29.	9.2	29.045	5.389	11.12	14.1	23.425	25.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/11/83-12/02/97	38	263.	274.053	502.	180.	3250.808	57.016	209.5	243.75	299.5	325.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/11/83-12/02/97	40	6.45	6.24	9.7	1.5	4.094	2.023	3.63	4.775	7.875	9.06
00400	PH (STANDARD UNITS)	05/08/84-12/02/97	38	7.1	7.063	8.3	6.1	0.185	0.43	6.59	6.7	7.3	7.61
00400	CONVERTED PH (STANDARD UNITS)	05/08/84-12/02/97	38	7.1	6.874	8.3	6.1	0.221	0.471	6.59	6.7	7.3	7.61
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/84-12/02/97	38	0.079	0.134	0.794	0.005	0.022	0.148	0.025	0.05	0.2	0.258

** - Less than 9 observations ## - Computed 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: NACC0059

NPS Station ID: NACC0059
LAT/LON: 38.868059/ -77.031949
Agency: 112WRD
Date Created: 05/21/88
Location: POTOMAC RIVER BUOY 6 HAINES PT.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385205077015500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.61
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/83-08/31/83	3	25.	23.667	28.	18.	26.333	5.132	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	08/10/83-08/31/83	3	21.	19.167	21.2	15.3	11.223	3.35	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	08/10/83-08/31/83	3	12.2	13.733	21.8	7.2	55.053	7.42	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/83-08/31/83	3	27.2	25.933	31.7	18.9	42.163	6.493	**	**	**	**

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

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

Station Inventory for Station: NACC0060

NPS Station ID: NACC0060
LAT/LON: 38.868338/ -77.005559
Agency: 1113AAWQ
Date Created: / /
Location: ANACOSTIA R. S.CAPITOL ST.BR.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /ANACOST-AA2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002900.53
RF3 Mile Point: 0.53
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	5	19.	17.5	27.	7.	84.75	9.206	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	5	20.	19.2	28.	5.	78.7	8.871	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	5	5.1	6.3	10.3	3.7	8.475	2.911	**	**	**	**
00311	BOD, DISSOLVED, 5 DAY MG/L	06/08/70-12/15/70	3	4.	4.267	5.1	3.7	0.543	0.737	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	5	0.457	0.515	0.68	0.339	0.022	0.149	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	5	0.899	0.769	1.239	0.055	0.195	0.442	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	5	0.93	0.876	1.26	0.45	0.093	0.305	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	4	0.255	0.225	0.27	0.12	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	3	6.	5.9	6.	5.7	0.03	0.173	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	1	54200.	54200.	54200.	54200.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/18/70-03/18/70	1	4.734	4.734	4.734	4.734	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			54200.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	4	1120.	1110.	1410.	790.	85800.	292.916	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/18/70-12/15/70	4	3.044	3.033	3.149	2.898	0.014	0.118	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1080.138								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/18/70-12/15/70	5	6.	17.12	67.5	2.3	798.402	28.256	**	**	**	**
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	4	34.5	31.75	36.	22.	44.25	6.652	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	03/18/70-12/15/70	5	0.4	0.4	0.52	0.29	0.011	0.106	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	2	0.40	1	1	1.00	2	0	0.00	2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			

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

Station Inventory for Station: NACC0061

NPS Station ID: NACC0061
LAT/LON: 38.868338/ -77.005559
Agency: 11121TWQ
Date Created: / /
Location: ANACOSTIA R. S.CAPITOL ST.BR.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-A5 /A5 /ANACOST-AA2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002900.60
RF3 Mile Point: 0.60
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/74-12/02/76	12	26.25	23.917	30.	6.	59.402	7.707	7.35	22.875	29.125	29.85
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/25/74-06/23/76	11	20.	24.409	50.	4.2	269.639	16.421	4.42	9.5	40.	49.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/01/74-12/02/76	11	13.	15.545	36.	10.	58.873	7.673	10.	11.	18.	33.2
00300	OXYGEN, DISSOLVED MG/L	03/25/74-12/02/76	12	4.1	4.8	10.2	1.9	5.407	2.325	2.26	3.125	6.425	9.39
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/74-12/02/76	12	0.42	0.449	0.683	0.272	0.02	0.141	0.274	0.303	0.58	0.658
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/74-12/02/76	12	0.915	0.965	1.341	0.73	0.038	0.195	0.735	0.818	1.134	1.289
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/74-12/02/76	12	0.76	0.726	1.12	0.44	0.051	0.225	0.443	0.465	0.893	1.081
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/25/74-12/02/76	12	0.36	0.381	0.62	0.25	0.013	0.112	0.256	0.293	0.468	0.584
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/25/74-12/02/76	12	0.115	0.119	0.23	0.03	0.003	0.058	0.039	0.08	0.155	0.221
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/74-12/02/76	12	6.6	6.633	9.8	3.8	3.939	1.985	3.8	5.1	8.525	9.5
00690	CARBON, TOTAL (MG/L AS C)	03/25/74-12/02/76	11	21.4	21.509	29.5	16.9	9.877	3.143	17.18	20.4	22.3	28.06

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

EPA Water Quality Criteria Analysis for Station: NACC0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	6	0	0.00	1	1	1.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	6	0.50	6	4	0.67	2	0	0.00	4	2	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			

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

Station Inventory for Station: NACC0062

NPS Station ID: NACC0062
LAT/LON: 38.868615/ -77.005838
Agency: 11121ZWQ
Date Created: / /
Location: ANACOSTIA R. AT S. CAPITAL BRDG.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ANA-001.40 /ANA2 /AA2
RMI-Indexes: 0214001 002640
Within Park Boundary: No
RMI-Miles: 0109.10 0001.40
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010015000.00
RF3 Mile Point: 0.82
Distance from RF3: 0.17
On/Off RF3:
Description:
ANACOSTIA RIVER AT SOUTH CAPITAL BRIDGE. SAMPLED BY EPA - REGION 3, CHESAPEAKE TECHNICAL SUPPORT LAB PURSUANT TO A 1970 SPECIAL STUDY ON THE ANACOSTIA RIVER, WASHINGTON, D.C.

Parameter Inventory for Station: NACC0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/70-12/15/70	5	19.	17.5	27.	7.	84.75	9.206	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/70-12/15/70	5	20.	19.2	28.	5.	78.7	8.871	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/08/70-06/08/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/70-12/15/70	5	5.1	6.3	10.3	3.7	8.475	2.911	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/70-12/15/70	3	4.	4.267	5.1	3.7	0.543	0.737	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/70-12/15/70	5	0.457	0.501	0.662	0.339	0.017	0.132	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/70-12/15/70	5	0.899	0.768	1.239	0.055	0.195	0.442	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/18/70-12/15/70	5	0.93	0.876	1.26	0.45	0.093	0.305	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/18/70-12/15/70	5	0.4	0.4	0.52	0.29	0.011	0.106	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/70-12/15/70	4	0.255	0.225	0.27	0.12	0.005	0.07	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/18/70-12/15/70	3	6.	5.9	6.	5.7	0.03	0.173	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/18/70-03/18/70	1	54200.	54200.	54200.	54200.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/18/70-03/18/70	1	4.734	4.734	4.734	4.734	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54200.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	4	1120.	1110.	1410.	790.	85800.	292.916	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/18/70-12/15/70	4	3.044	3.033	3.149	2.898	0.014	0.118	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1080.138								
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	03/18/70-12/15/70	4	34.5	31.75	36.	22.	44.25	6.652	**	**	**	**

** - 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

EPA Water Quality Criteria Analysis for Station: NACC0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	2	0.40	1	1	1.00	2	0	0.00	2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	4	1.00	1	1	1.00	2	2	1.00	1	1	1.00			

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

Station Inventory for Station: NACC0063

NPS Station ID: NACC0063
LAT/LON: 38.868892/ -77.004170
Agency: 21MDEXP
Date Created: 06/27/81
Location: PENNSYLVANIA AVENUE BRIDGE-ANACOSTIA RIVER
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078750200185
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.57
Distance from RF3: 0.11
On/Off RF3:
Description:
PENNSYLVANIA AVENUE BRIDGE-ANACOSTIA RIVER

Parameter Inventory for Station: NACC0063

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

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

Station Inventory for Station: NACC0064

NPS Station ID: NACC0064 LAT/LON: 38.869226/ -77.005227 Agency: 11NPSWRD Date Created: 04/25/98
Location: ANACOSTIA RIVER UNDERNEATH DOUGLASS BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NACE_AN_SOUTHCA
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059601.50 RF3 Mile Point: 4.50 Distance from RF3: 0.21 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALEXANDRIA VA.-D.C.-MD. 7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC) QUADRANGLE. THE SITE IS ON THE ANACOSTIA RIVER UNDERNEATH DOUGLASS BRIDGE. THE SITE WAS ACCESSED BY BOAT. THE SAMPLES WERE COLLECTED FROM 19 APRIL 1990 UNTIL 13 SEPTEMBER 1995. SAMPLES WERE ANALYZED FOR DISSOLVED OXYGEN; CONDUCTIVITY; SECCHI DEPTH; TURBIDITY; AND SUSPENDED SOLIDS. SAMPLES WERE COLLECTED BY RICHARD HAMMERSCHLAG; CENTER FOR URBAN ECOLGY; 4598 MCARTHUR BLVD NW; WASHINGTON DC 20242. TEL (202) 342-1443. FOR MORE INFORMATION CONTACT CHIEF OF RESOURCES AT NATIONAL CAPITAL PARKS; 1100 OHIO DRIVE SW; WASHINGTON DC 20242. TEL (202) 619-7222. DATA WERE PROCESSED AND UPLOADED TO STORET BY PAUL MCELVERY AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS COLORADO 80525. TEL (970) 225-3516.

Parameter Inventory for Station: NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/96-11/20/97	34	19.9	19.609	28.6	6.8	43.917	6.627	9.35	14.325	25.575	27.55
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	120	0.55	0.536	0.9	0.02	0.033	0.183	0.3	0.45	0.648	0.777
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	101	250.	244.455	360.	110.	3863.21	62.155	156.	200.	298.5	330.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	120	6.15	6.432	15.3	1.6	5.113	2.261	3.71	4.925	8.	9.39

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

EPA Water Quality Criteria Analysis for Station: NACC0064

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	120	19	0.16	52	9	0.17	22	3	0.14	46	7	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 NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	17	0.53	0.488	0.78	0.1	0.045	0.213	0.124	0.34	0.645	0.732
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	4	210.	196.25	230.	135.	2022.917	44.977	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	17	5.9	6.253	11.7	3.2	5.238	2.289	3.28	4.7	7.75	10.26

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

Annual Analysis for 1991 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	10	0.49	0.54	0.85	0.4	0.023	0.15	0.4	0.4	0.64	0.835
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	4	320.	281.75	332.	155.	7238.917	85.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	10	6.2	6.91	10.8	3.7	7.028	2.651	3.79	4.825	10.35	10.77

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

Annual Analysis for 1992 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	14	0.585	0.594	0.88	0.02	0.044	0.21	0.26	0.508	0.763	0.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	14	200.	214.357	321.	125.	3309.324	57.527	142.5	178.75	238.5	320.5
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	14	5.55	6.093	9.5	3.8	4.01	2.002	3.9	4.375	8.7	9.25

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

Annual Analysis for 1993 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	17	0.6	0.548	0.85	0.13	0.041	0.203	0.146	0.46	0.69	0.81
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	17	270.	260.118	360.	110.	6202.735	78.757	138.	195.	340.	348.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	17	8.1	8.112	15.3	5.1	5.366	2.316	5.1	6.8	8.75	11.22

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

Annual Analysis for 1994 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	15	0.5	0.5	0.75	0.1	0.026	0.16	0.25	0.45	0.57	0.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	15	265.	261.667	350.	110.	3669.667	60.578	164.	220.	305.	338.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	15	7.4	6.967	10.2	2.9	4.511	2.124	3.74	5.3	8.9	9.96

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

Annual Analysis for 1995 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	13	0.64	0.656	0.89	0.45	0.015	0.123	0.49	0.59	0.725	0.874
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	13	250.	252.846	310.	191.	1644.974	40.558	194.6	217.5	300.	307.2
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	13	6.8	6.523	9.1	3.5	3.19	1.786	3.58	5.3	8.05	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 1996 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	17	0.45	0.422	0.58	0.1	0.015	0.121	0.26	0.35	0.505	0.556
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	17	210.	211.941	280.	150.	1325.309	36.405	158.	180.	240.	264.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	17	5.4	5.829	11.1	1.6	5.991	2.448	2.16	3.95	7.75	9.34

** - 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 1997 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	17	0.58	0.576	0.9	0.1	0.031	0.177	0.324	0.515	0.675	0.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	17	279.	267.059	338.	144.	3763.934	61.351	150.4	227.5	317.	333.2
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	17	4.8	4.994	7.6	3.3	1.747	1.322	3.38	3.9	6.3	6.72

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	52	0.58	0.571	0.9	0.13	0.021	0.144	0.415	0.5	0.638	0.735
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	42	298.5	284.905	360.	173.	2369.015	48.673	203.	253.75	325.	340.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	52	6.	6.219	10.8	2.3	4.576	2.139	3.49	4.425	7.6	9.75

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	22	0.425	0.411	0.85	0.02	0.065	0.255	0.1	0.145	0.593	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	20	182.5	190.8	338.	110.	3897.958	62.434	111.5	146.25	213.75	284.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	22	7.1	7.6	15.3	3.8	8.231	2.869	4.	5.4	9.075	11.52

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	04/19/90-11/20/97	46	0.55	0.556	0.85	0.1	0.025	0.159	0.371	0.45	0.658	0.786
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/90-11/20/97	39	225.	228.41	345.	144.	2073.511	45.536	160.	195.	250.	297.
00300	OXYGEN, DISSOLVED MG/L	04/19/90-11/20/97	46	6.05	6.115	10.2	1.6	3.67	1.916	3.5	4.825	7.7	8.76

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

Station Inventory for Station: NACC0065

NPS Station ID: NACC0065 LAT/LON: 38.869727/ -77.034448 Agency: 21DCBAWQ Date Created: 10/28/86
Location: GRAVELLY PT. & NORTH COURSE MARKER, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS23
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0094.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 1.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010015000.00 RF3 Mile Point: 0.76 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH TION LOCATION: GRAVELLY PT. & NORTH COURSE MARKER, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	133	17.2	16.612	31.6	1.1	80.739	8.986	4.64	7.15	25.25	27.82
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-03/12/84	4	0.65	0.725	1.4	0.2	0.289	0.538	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	123	297.	302.862	551.	120.	6661.202	81.616	194.4	254.	344.	428.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	132	8.75	9.004	14.8	1.	7.381	2.717	6.3	7.4	10.975	12.77
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	119	7.9	7.878	9.	7.1	0.157	0.396	7.4	7.6	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	119	7.9	7.729	9.	7.1	0.179	0.424	7.4	7.6	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	119	0.013	0.019	0.079	0.001	0.	0.015	0.004	0.008	0.025	0.04
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1250.	2000.	1000.	200000.	447.214	1000.	1000.	1750.	2000.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/01/91-10/01/91	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: NACC0065

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	132	6	0.05	49	1	0.02	47	4	0.09	36	1	0.03			
00400	PH	Fresh Chronic	9.	119	2	0.02	45	0	0.00	43	1	0.02	31	1	0.03			
		Other-Lo Lim.	6.5	119	0	0.00	45	0	0.00	43	0	0.00	31	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Annual Analysis for 1983 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.3	10.867	19.	6.3	49.863	7.061	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	254.	254.	358.	150.	21632.	147.078	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.	10.8	12.3	8.1	5.49	2.343	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	19.25	17.45	28.7	4.	109.114	10.446	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	150.	187.667	293.	120.	8546.333	92.446	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.2	9.413	13.	6.3	6.07	2.464	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	12.	12.133	19.	5.4	46.253	6.801	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	261.	266.667	299.	240.	894.333	29.905	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.1	10.833	12.7	8.7	4.053	2.013	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.933	8.3	7.7	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.866	8.3	7.7	0.11	0.332	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	3	0.016	0.014	0.02	0.005	0.	0.008	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.9	15.109	28.6	1.1	122.625	11.074	1.32	4.7	26.8	28.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	330.	349.545	513.	252.	6623.673	81.386	256.8	285.	434.	498.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.8	7.836	13.6	1.	17.405	4.172	1.34	4.8	12.7	13.56
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	8.045	8.9	7.3	0.293	0.541	7.32	7.7	8.7	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.802	8.9	7.3	0.358	0.598	7.32	7.7	8.7	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.016	0.05	0.001	0.	0.016	0.001	0.002	0.02	0.048

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

Annual Analysis for 1987 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	12.35	14.508	29.2	2.4	98.619	9.931	2.67	6.4	25.525	28.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	270.	271.75	427.	149.	6270.205	79.185	160.7	200.5	323.25	406.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	6.95	6.167	11.6	1.4	12.295	3.506	1.49	2.475	8.9	11.18
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.6	7.636	8.2	7.1	0.125	0.353	7.12	7.3	7.9	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.6	7.514	8.2	7.1	0.141	0.376	7.12	7.3	7.9	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.025	0.031	0.079	0.006	0.001	0.024	0.007	0.013	0.05	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

Annual Analysis for 1988 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.55	17.42	30.5	5.1	66.815	8.174	5.58	10.575	24.7	30.01
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	339.5	332.6	501.	165.	12754.489	112.936	166.	231.25	431.	494.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.4	8.76	11.6	6.	3.914	1.978	6.03	6.45	10.25	11.51
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.867	8.6	7.2	0.14	0.374	7.2	7.7	8.	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.729	8.6	7.2	0.161	0.402	7.2	7.7	8.	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.013	0.019	0.063	0.003	0.	0.018	0.003	0.01	0.02	0.063

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

Annual Analysis for 1989 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.2	15.209	27.	2.	88.451	9.405	2.28	4.8	24.2	26.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	312.	303.889	341.	221.	1282.861	35.817	221.	292.	329.5	341.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.7	9.955	13.7	7.7	3.565	1.888	7.76	8.4	10.7	13.48
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	8.073	9.	7.5	0.174	0.417	7.54	7.8	8.4	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	7.931	9.	7.5	0.196	0.443	7.54	7.8	8.4	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.01	0.012	0.032	0.001	0.	0.009	0.002	0.004	0.016	0.029

** - Less than 9 observations ## - Computed with 50% or 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 NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.5	16.28	25.3	5.	76.037	8.72	5.06	5.975	24.525	25.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	240.	241.	313.	171.	1569.143	39.612	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.7	9.956	14.2	7.	8.17	2.858	7.	7.4	12.9	14.2
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.65	7.74	8.8	7.3	0.167	0.409	7.32	7.5	7.825	8.71
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.647	7.632	8.8	7.3	0.18	0.424	7.32	7.5	7.825	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.023	0.023	0.05	0.002	0.	0.013	0.003	0.015	0.032	0.048

** - Less than 9 observations ## - Computed with 50% or 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 NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.1	21.111	29.3	8.4	57.776	7.601	8.4	14.5	28.55	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	340.	343.444	479.	254.	6133.278	78.315	254.	261.	407.	479.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	8.7	13.5	5.6	4.883	2.21	5.6	7.5	9.6	13.5
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.867	8.2	7.3	0.072	0.269	7.3	7.7	8.05	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.78	8.2	7.3	0.081	0.285	7.3	7.7	8.05	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.013	0.017	0.05	0.006	0.	0.013	0.006	0.009	0.02	0.05

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

Annual Analysis for 1992 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	15.9	16.07	26.7	4.3	67.133	8.194	4.52	8.525	24.5	26.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	283.5	288.2	326.	254.	556.4	23.588	254.7	273.75	309.75	325.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.85	9.51	13.4	7.2	3.999	2.	7.22	7.475	10.6	13.18

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Annual Analysis for 1992 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.9	7.84	8.3	7.5	0.063	0.25	7.5	7.65	7.95	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.9	7.779	8.3	7.5	0.067	0.259	7.5	7.65	7.95	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.013	0.017	0.032	0.005	0.	0.009	0.005	0.011	0.023	0.032

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

Annual Analysis for 1993 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	14.35	16.042	31.6	2.4	95.846	9.79	3.33	6.4	25.375	29.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	298.	295.333	388.	146.	7400.061	86.024	159.5	208.	374.	387.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	10.55	10.008	14.8	6.3	7.214	2.686	6.33	7.225	11.75	14.2
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.6	7.809	9.	7.2	0.241	0.491	7.26	7.5	8.1	8.84
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.6	7.64	9.	7.2	0.272	0.522	7.26	7.5	8.1	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.025	0.023	0.063	0.001	0.	0.017	0.002	0.008	0.032	0.057

** - Less than 9 observations ## - Computed with 50% or 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 NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.9	18.5	29.3	4.6	80.358	8.964	4.6	10.2	26.45	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	344.	322.111	411.	250.	2697.111	51.934	250.	275.	352.	411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.5	8.556	13.	5.9	4.528	2.128	5.9	6.7	9.4	13.
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.8	7.922	8.5	7.4	0.142	0.377	7.4	7.65	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.8	7.799	8.5	7.4	0.159	0.399	7.4	7.65	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.016	0.016	0.04	0.003	0.	0.012	0.003	0.007	0.023	0.04

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

Annual Analysis for 1995 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.1	18.622	28.5	1.5	93.877	9.689	1.5	10.35	26.8	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	321.	355.778	551.	216.	11260.944	106.118	216.	286.5	451.	551.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	8.878	13.2	6.7	4.372	2.091	6.7	7.4	10.25	13.2
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.933	8.3	7.5	0.103	0.32	7.5	7.6	8.25	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.829	8.3	7.5	0.115	0.339	7.5	7.6	8.25	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.015	0.032	0.005	0.	0.011	0.005	0.006	0.026	0.032

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

Annual Analysis for 1996 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	17.4	16.914	26.	3.5	89.138	9.441	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	7	265.	270.429	444.	183.	7385.619	85.94	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	9.8	9.757	12.8	7.3	4.823	2.196	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	7	7.9	7.814	8.4	7.2	0.181	0.426	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	7	7.9	7.633	8.4	7.2	0.22	0.469	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	7	0.013	0.023	0.063	0.004	0.001	0.023	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	18.3	17.833	29.4	3.8	78.412	8.855	3.8	9.75	25.65	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	317.	308.333	411.	194.	4007.75	63.307	194.	265.	350.5	411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.4	9.189	12.1	6.4	4.026	2.007	6.4	7.1	10.95	12.1
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.967	8.7	7.5	0.175	0.418	7.5	7.65	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.833	8.7	7.5	0.195	0.442	7.5	7.65	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.013	0.015	0.032	0.002	0.	0.01	0.002	0.006	0.023	0.032

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	49	25.5	24.729	31.6	15.2	15.107	3.887	18.9	23.	27.35	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	330.	336.556	513.	188.	4912.525	70.089	236.8	293.	379.5	437.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	49	7.4	7.4	10.2	1.4	1.96	1.4	6.	6.6	8.2	8.8
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	45	7.9	7.833	8.5	7.2	0.087	0.295	7.5	7.55	8.	8.24
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	45	7.9	7.739	8.5	7.2	0.096	0.311	7.5	7.55	8.	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	45	0.013	0.018	0.063	0.003	0.	0.013	0.006	0.01	0.028	0.032

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	48	5.9	6.813	19.8	1.1	15.261	3.906	2.38	4.375	8.475	12.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	285.	285.889	501.	120.	6578.419	81.107	174.6	249.	323.5	403.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	47	11.6	10.757	14.8	1.	10.574	3.252	3.94	9.7	12.8	13.52
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.9	7.898	9.	7.1	0.158	0.398	7.5	7.6	8.1	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.9	7.743	9.	7.1	0.183	0.427	7.5	7.6	8.1	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	43	0.013	0.018	0.079	0.001	0.	0.016	0.004	0.008	0.025	0.032

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	36	17.85	18.631	29.3	7.	35.171	5.931	10.87	14.425	24.025	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	33	276.	280.061	551.	149.	7058.059	84.012	172.6	228.	321.	395.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	36	9.05	8.897	11.4	2.2	3.298	1.816	7.07	7.8	10.175	11.06
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	31	7.8	7.916	9.	7.2	0.263	0.513	7.3	7.6	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	31	7.8	7.696	9.	7.2	0.313	0.559	7.3	7.6	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	31	0.016	0.02	0.063	0.001	0.	0.017	0.002	0.005	0.025	0.05

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

Station Inventory for Station: NACC0066

NPS Station ID: NACC0066 LAT/LON: 38.871115/ -77.019448 Agency: 112WRD Date Created: 03/19/88
Location: POTOMAC RIVER, WASHINGTON CH AT FT MC NAIR FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 385216077011000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.40 On/Off RF1:
RF3 Index: 02070010002500.00 RF3 Mile Point: 0.42 Distance from RF3: 0.14 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-08/26/81	11	27.1	24.518	29.4	0.	69.12	8.314	4.88	24.6	28.9	29.32
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/81-08/26/81	4	34.	26.75	39.	0.	340.25	18.446	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/81-08/26/81	10	313.	322.8	389.	264.	2599.067	50.981	264.2	280.25	386.75	389.
00300	OXYGEN, DISSOLVED MG/L	07/08/81-08/26/81	11	7.1	6.773	9.4	0.	5.874	2.424	1.28	6.5	7.7	9.26
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/26/81-08/26/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/26/81-08/26/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/81-08/26/81	10	7.65	7.72	8.2	7.5	0.051	0.225	7.5	7.575	7.85	8.18
00400	CONVERTED PH (STANDARD UNITS)	07/08/81-08/26/81	10	7.647	7.676	8.2	7.5	0.053	0.23	7.5	7.575	7.85	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/81-08/26/81	10	0.023	0.021	0.032	0.006	0.	0.008	0.007	0.014	0.027	0.032
00405	CARBON DIOXIDE (MG/L AS CO2)	07/21/81-07/21/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	1.3	1.238	1.4	0.95	0.046	0.214	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/21/81-08/06/81	2	0.685	0.685	0.72	0.65	0.002	0.049	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.47	0.47	0.61	0.33	0.017	0.132	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.05	0.063	0.12	0.03	0.002	0.043	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/81-08/06/81	2	0.075	0.075	0.11	0.04	0.002	0.049	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.05	0.053	0.1	0.01	0.001	0.038	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.76	0.633	0.8	0.21	0.08	0.283	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/09/81-08/26/81	4	0.52	0.533	0.73	0.36	0.025	0.159	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	07/09/81-08/26/81	4	0.125	0.175	0.35	0.1	0.014	0.118	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/81-08/26/81	4	0.7	0.708	0.83	0.6	0.009	0.095	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/81-08/26/81	4	0.8	0.675	0.9	0.2	0.103	0.32	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/81-08/26/81	4	0.06	0.059	0.069	0.049	0.	0.008	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/09/81-08/26/81	4	0.03	0.039	0.082	0.014	0.001	0.031	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/21/81-08/06/81	2	4.65	4.65	5.3	4.	0.845	0.919	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/06/81-08/06/81	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-08/26/81	4	3.05	3.025	4.	2.	0.949	0.974	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	07/09/81-08/26/81	5	## 7500.	12680.	23000.	3900.	90387000.	9507.208	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-08/26/81	4	0.065	0.08	0.15	0.04	0.003	0.052	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-08/26/81	4	3.35	2.775	3.5	0.9	1.583	1.258	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/09/81-08/26/81	4	0.165	0.173	0.33	0.03	0.016	0.126	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/26/81-08/26/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/26/81-08/26/81	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: NACC0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	1	0.09	11	1	0.09									
00400	PH	Marine Chronic	8.5	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									

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

Station Inventory for Station: NACC0067

NPS Station ID: NACC0067 | LAT/LON: 38.871393/ -77.001392 | Agency: 21DCBAWQ | Date Created: 06/18/88
Location: NAVY YARD WEST,WASH.D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ANA20
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id: ANACOSTIA RIVER
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 0.90 | On/Off RF1:
RF3 Index: 02070010003200.53 | RF3 Mile Point: 1.58 | Distance from RF3: 0.14 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION: DC NAVY YARD WEST/INLET NEXT TO WEST PIER
PARTICIPATING AGENCY: DC DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	125	18.4	17.512	31.5	2.1	70.803	8.414	6.16	9.65	25.75	27.88
00032	CLOUD COVER (PERCENT)	10/02/84-08/05/85	5	90.	79.	100.	20.	1130.	33.615	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/09/92-04/02/96	4	0.05	0.175	0.6	0.	0.082	0.287	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	125	280.	297.504	630.	156.	7059.075	84.018	222.6	248.	325.	387.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	122	6.45	6.27	13.9	0.7	5.584	2.363	3.13	4.3	7.85	9.3
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	124	7.	7.035	8.1	6.2	0.124	0.353	6.65	6.8	7.2	7.55
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	124	7.	6.913	8.1	6.2	0.139	0.373	6.65	6.8	7.2	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	124	0.1	0.122	0.631	0.008	0.008	0.092	0.028	0.063	0.158	0.225
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/97-03/11/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/97-03/11/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04378	WAVE STATE CODE	03/05/96-12/02/97	19	1000.	1157.895	2000.	1000.	140350.877	374.634	1000.	1000.	1000.	2000.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	03/11/97-03/11/97	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: NACC0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	122	25	0.20	43	9	0.21	43	5	0.12	36	11	0.31			
00400	PH	Fresh Chronic	9.	124	0	0.00	45	0	0.00	44	0	0.00	35	0	0.00			
		Other-Lo Lim.	6.5	124	5	0.04	45	0	0.00	44	3	0.07	35	2	0.06			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

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

Annual Analysis for 1984 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	8	22.6	20.1	28.	6.4	63.603	7.975	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	8	245.5	251.375	315.	200.	1891.411	43.49	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	8	6.5	6.538	9.4	4.2	2.306	1.518	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	8	7.25	7.275	7.9	6.8	0.148	0.385	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	8	7.247	7.147	7.9	6.8	0.167	0.408	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	8	0.057	0.071	0.158	0.013	0.003	0.052	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	10	19.75	18.3	29.	4.8	72.531	8.517	5.06	9.05	25.725	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	10	319.	353.4	591.	252.	10270.267	101.342	254.2	288.25	388.	577.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	9	5.8	5.611	10.	2.	6.029	2.455	2.	3.6	7.25	10.
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	10	7.1	7.14	7.8	6.7	0.118	0.344	6.7	6.85	7.4	7.76
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	10	7.1	7.032	7.8	6.7	0.131	0.362	6.7	6.85	7.4	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	10	0.079	0.093	0.2	0.016	0.004	0.065	0.018	0.04	0.144	0.2

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

Annual Analysis for 1987 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	12	13.2	15.05	29.4	3.3	93.241	9.656	3.39	7.075	25.7	28.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	12	286.5	331.5	609.	176.	15972.636	126.383	198.5	253.	387.75	587.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	12	5.8	5.392	9.3	0.7	7.743	2.783	0.82	3.625	7.55	9.09
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	12	6.6	6.65	7.2	6.2	0.081	0.284	6.26	6.4	6.9	7.11
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	12	6.6	6.571	7.2	6.2	0.088	0.296	6.26	6.4	6.9	7.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	12	0.251	0.268	0.631	0.063	0.026	0.163	0.082	0.126	0.398	0.561

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

Annual Analysis for 1988 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	9	17.6	17.444	31.5	4.	86.27	9.288	4.	9.5	25.55	31.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	9	324.	334.667	499.	242.	7574.75	87.033	242.	256.	394.	499.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	9	5.8	5.567	9.2	2.7	3.975	1.994	2.7	4.	6.8	9.2

** - 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 1988 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	9	7.	7.089	7.8	6.6	0.159	0.398	6.6	6.8	7.45	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	9	7.	6.961	7.8	6.6	0.177	0.421	6.6	6.8	7.45	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	9	0.1	0.109	0.251	0.016	0.006	0.075	0.016	0.038	0.158	0.251

** - Less than 9 observations ## - Computed with 50% or 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 NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	9	13.8	14.711	27.8	3.1	93.541	9.672	3.1	3.95	24.6	27.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	9	289.	339.889	630.	236.	18210.111	134.945	236.	251.5	421.5	630.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	8	5.65	5.675	8.5	3.1	4.622	2.15	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	9	6.9	6.956	7.3	6.7	0.055	0.235	6.7	6.75	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	9	6.9	6.904	7.3	6.7	0.058	0.241	6.7	6.75	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	9	0.126	0.125	0.2	0.05	0.003	0.058	0.05	0.065	0.179	0.2

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

Annual Analysis for 1990 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	10	20.65	17.83	27.	7.	69.911	8.361	7.01	8.3	25.775	26.93
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	10	242.	250.	337.	169.	2833.556	53.231	171.9	211.5	287.75	335.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	10	5.2	5.45	8.4	2.3	4.689	2.166	2.35	3.925	7.4	8.39
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	10	6.85	6.89	7.2	6.6	0.037	0.191	6.61	6.775	7.1	7.19
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	10	6.847	6.854	7.2	6.6	0.038	0.195	6.61	6.775	7.1	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	10	0.142	0.14	0.251	0.063	0.003	0.058	0.065	0.079	0.169	0.246

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

Annual Analysis for 1991 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	9	20.6	21.056	28.7	6.1	61.473	7.84	6.1	15.3	28.2	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	9	298.	297.444	340.	255.	1083.528	32.917	255.	264.	330.5	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	9	6.5	6.333	9.9	3.4	4.98	2.232	3.4	4.1	7.95	9.9
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	9	6.9	6.933	7.7	6.6	0.115	0.339	6.6	6.7	7.1	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	9	6.9	6.847	7.7	6.6	0.123	0.351	6.6	6.7	7.1	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	9	0.126	0.142	0.251	0.02	0.006	0.075	0.02	0.079	0.2	0.251

** - Less than 9 observations ## - Computed with 50% or 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 NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	10	15.45	16.57	27.7	5.9	71.249	8.441	5.99	9.05	25.075	27.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	10	254.5	257.	315.	201.	1062.667	32.599	204.1	236.5	283.25	312.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	10	7.45	7.01	10.4	1.9	7.703	2.775	2.08	4.825	9.475	10.36
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	10	6.95	7.	7.5	6.7	0.08	0.283	6.7	6.775	7.25	7.49
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	10	6.947	6.929	7.5	6.7	0.086	0.292	6.7	6.775	7.25	7.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	10	0.113	0.118	0.2	0.032	0.004	0.061	0.032	0.057	0.169	0.2

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

Annual Analysis for 1993 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	9	18.5	18.378	31.3	5.4	81.602	9.033	5.4	10.5	25.8	31.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	9	303.	289.889	367.	229.	2517.611	50.176	229.	243.	329.5	367.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	9	6.7	7.222	13.9	4.5	7.889	2.809	4.5	5.25	8.1	13.9
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	8	7.	7.025	7.3	6.7	0.051	0.225	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	8	7.	6.975	7.3	6.7	0.054	0.231	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	8	0.1	0.106	0.2	0.05	0.003	0.054	**	**	**	**

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

Annual Analysis for 1994 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	10	18.6	18.49	29.7	6.3	68.208	8.259	6.43	11.65	26.525	29.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	10	301.	291.7	350.	207.	2269.122	47.635	210.6	249.	333.75	348.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	10	6.45	6.07	10.2	1.8	5.313	2.305	1.97	4.475	7.3	9.94
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	10	6.95	7.08	8.1	6.6	0.184	0.429	6.62	6.8	7.325	8.03
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	10	6.947	6.952	8.1	6.6	0.202	0.45	6.62	6.8	7.325	8.03
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	10	0.113	0.112	0.251	0.008	0.005	0.07	0.011	0.048	0.158	0.242

** - 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 1995 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	9	21.2	18.644	28.7	2.1	88.145	9.389	2.1	10.	26.2	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	9	291.	295.333	434.	183.	6081.5	77.984	183.	245.	357.	434.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	8	7.85	7.275	10.5	3.	7.936	2.817	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	9	7.1	7.144	7.5	6.8	0.085	0.292	6.8	6.9	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	9	7.1	7.066	7.5	6.8	0.092	0.304	6.8	6.9	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	9	0.079	0.086	0.158	0.032	0.002	0.049	0.032	0.032	0.126	0.158

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

Annual Analysis for 1996 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	9	18.6	15.667	23.8	6.2	39.75	6.305	6.2	9.9	20.85	23.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	9	248.	248.889	384.	156.	5064.361	71.164	156.	184.	295.	384.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	9	5.8	5.811	10.6	3.1	7.096	2.664	3.1	3.2	7.75	10.6
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	9	7.1	6.978	7.2	6.5	0.052	0.228	6.5	6.85	7.15	7.2
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	9	7.1	6.916	7.2	6.5	0.056	0.237	6.5	6.85	7.15	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	9	0.079	0.121	0.316	0.063	0.006	0.08	0.063	0.071	0.142	0.316

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

Annual Analysis for 1997 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	10	16.	16.46	28.4	4.5	85.498	9.247	4.73	7.325	27.175	28.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	10	289.	318.3	526.	258.	6078.011	77.962	259.9	277.75	325.75	508.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	10	7.9	7.92	9.4	6.7	0.748	0.865	6.73	7.225	8.625	9.36

** - 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 1997 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	10	7.35	7.35	7.9	6.8	0.132	0.363	6.81	7.05	7.625	7.88
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	10	7.325	7.219	7.9	6.8	0.151	0.388	6.81	7.05	7.625	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	10	0.047	0.06	0.158	0.013	0.002	0.049	0.013	0.024	0.091	0.155

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	45	26.4	25.422	31.5	17.3	12.391	3.52	19.92	23.6	27.9	29.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	45	284.	283.222	405.	183.	2727.313	52.224	206.2	244.	322.5	359.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	43	5.7	5.57	9.4	1.8	3.448	1.857	3.	4.2	7.	7.92
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	45	7.1	7.178	8.1	6.6	0.161	0.402	6.7	6.8	7.5	7.74
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	45	7.1	7.028	8.1	6.6	0.184	0.429	6.7	6.8	7.5	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	45	0.079	0.094	0.251	0.008	0.005	0.07	0.018	0.032	0.158	0.2

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	44	7.45	8.389	21.9	2.1	17.475	4.18	3.75	5.95	10.075	13.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	44	315.	333.455	630.	156.	12313.23	110.965	236.5	258.25	364.75	518.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	43	7.8	7.486	13.9	0.7	6.759	2.6	3.54	6.1	9.2	10.4
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	44	6.95	6.959	7.5	6.4	0.067	0.259	6.65	6.8	7.1	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	44	6.947	6.883	7.5	6.4	0.073	0.27	6.65	6.8	7.1	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	44	0.113	0.131	0.398	0.032	0.007	0.085	0.05	0.079	0.158	0.225

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-12/02/97	36	18.2	18.775	28.1	9.7	27.068	5.203	12.24	13.9	23.8	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/02/84-12/02/97	36	255.	271.417	526.	169.	3865.964	62.177	201.7	243.	298.5	330.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/02/84-12/02/97	36	6.05	5.656	9.4	1.9	4.25	2.062	3.07	4.	6.925	8.99
00400	PH (STANDARD UNITS)	10/02/84-12/02/97	35	6.9	6.949	7.8	6.2	0.114	0.338	6.6	6.7	7.2	7.44
00400	CONVERTED PH (STANDARD UNITS)	10/02/84-12/02/97	35	6.9	6.832	7.8	6.2	0.128	0.358	6.6	6.7	7.2	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-12/02/97	35	0.126	0.147	0.631	0.016	0.014	0.116	0.037	0.063	0.2	0.251

** - Less than 9 observations ## - Computed 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: NACC0068

NPS Station ID: NACC0068
LAT/LON: 38.871393/ -77.024726
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF HAINES PT. NEAR N"2"
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 1.940
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.82
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	16	10.25	10.469	15.5	5.5	6.182	2.486	5.85	9.625	11.875	14.45
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	32	0.478	0.47	1.05	0.035	0.136	0.369	0.051	0.094	0.815	0.969
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	31	0.65	0.575	0.97	0.02	0.044	0.209	0.25	0.47	0.71	0.82
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	81	0.38	0.461	1.12	0.09	0.056	0.237	0.19	0.325	0.565	0.856
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.51	0.783	1.49	0.35	0.381	0.617	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0068

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	31	0	0.00				31	0	0.00						

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

Station Inventory for Station: NACC0069

NPS Station ID: NACC0069
Location: PO.R. OFF HAINES PT. NEAR N"2"
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010033
RF3 Index: 02070010003201.47
Description:

LAT/LON: 38.871393/ -77.024726
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 1.940
RF3 Mile Point: 3.15

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 007 /007 /5
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.10

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: NACC0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/30/67	2	##17450.	17450.	34800.	100.	602045000.	24536.605	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-01/30/67	2	## 3.271	3.271	4.542	2.	3.23	1.797	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1865.476								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/30/67	2	## 1250.	1250.	2400.	100.	2645000.	1626.346	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-01/30/67	2	## 2.69	2.69	3.38	2.	0.952	0.976	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			489.898								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/30/67	2	## 1790.	1790.	3480.	100.	5712200.	2390.021	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-01/30/67	2	## 2.771	2.771	3.542	2.	1.188	1.09	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			589.915								

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

EPA Water Quality Criteria Analysis for Station: NACC0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50				2	1	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	1	0.50				2	1	0.50						

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

Station Inventory for Station: NACC0070

NPS Station ID: NACC0070
LAT/LON: 38.872226/ -77.037504
Agency: 11NATDC
Date Created: 06/22/85
Location: POTOMAC R AT EAST POTOMAC PARK
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): T0703458 /2210
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC R
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 0.000
Distance from RF1: 3.90
On/Off RF1: ON
RF3 Index: 02070010002900.85
RF3 Mile Point: 7.84
Distance from RF3: 0.43
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0070

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

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

Station Inventory for Station: NACC0071

NPS Station ID: NACC0071
LAT/LON: 38.872226/ -77.037504
Agency: 11BIOACC
Date Created: 02/24/90
Location: EAST POTOMAC RIVER @ WASHINGTON,DC
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 2210
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.60
On/Off RF1:
RF3 Index: 02070010003202.39
RF3 Mile Point: 3.02
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	5.22	5.22	5.22	5.22	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	3.985	3.985	3.985	3.985	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	1.13	1.13	1.13	1.13	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	08/29/84-08/29/84	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	08/29/84-08/29/84	1 ##	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/29/84-08/29/84	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/29/84-08/29/84	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/29/84-08/29/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	08/29/84-08/29/84	1	5.61	5.61	5.61	5.61	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	1	0.166	0.166	0.166	0.166	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/29/84-08/29/84	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/29/84-08/29/84	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/29/84-08/29/84	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.229	0.229	0.229	0.229	0.	0.	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.578	0.578	0.578	0.578	0.	0.	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.389	0.389	0.389	0.389	0.	0.	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1	0.064	0.064	0.064	0.064	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/29/84-08/29/84	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	08/29/84-08/29/84	1	5.82	5.82	5.82	5.82	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	08/29/84-08/29/84	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

Parameter Inventory for Station: NACC0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	08/29/84-08/29/84	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	08/29/84-08/29/84	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	1	2.314	2.314	2.314	2.314	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/29/84-08/29/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	08/29/84-08/29/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/29/84-08/29/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	08/29/84-08/29/84	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	08/29/84-08/29/84	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

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

Station Inventory for Station: NACC0072

NPS Station ID: NACC0072 LAT/LON: 38.873059/ -77.040005 Agency: 112WRD Date Created: 12/02/81
Location: POTOMAC RIVER AT 14TH STREET BR WASH DC FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 385223077022400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010002502.07 RF3 Mile Point: 2.54 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-09/22/81	56	23.35	19.327	29.9	0.5	75.293	8.677	4.7	12.8	26.275	27.49
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	10/21/80-07/15/81	7	7.	7.1	17.	2.5	23.78	4.876	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/17/80-09/10/81	28	12.	16.786	78.	0.	407.582	20.189	0.	0.	30.	38.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/80-09/22/81	56	318.5	331.946	490.	179.	8492.088	92.153	204.	265.5	431.75	462.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	05/19/81-05/19/81	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	10/21/80-10/21/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	10/21/80-09/10/81	8	60.	335.663	1850.	0.	398865.683	631.558	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/17/80-09/22/81	56	8.6	9.17	13.6	5.5	4.578	2.14	6.74	7.725	10.8	12.86
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	06/27/80-09/22/81	15	0.	-0.067	0.	-0.4	0.02	0.14	0.	0.	0.	-0.34
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	06/27/80-09/22/81	15	4.7	4.947	8.8	2.	4.211	2.052	2.36	3.3	6.6	8.56
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	06/27/80-09/22/81	15	3.8	3.46	5.8	1.8	1.505	1.227	1.92	2.3	4.4	5.32
00321	BOD, ULTIMATE SECOND STAGE MG/L	06/27/80-09/22/81	15	0.9	1.473	5.	0.	2.034	1.426	0.	0.7	2.5	4.28
00400	PH (STANDARD UNITS)	06/17/80-09/22/81	56	7.9	7.911	8.6	6.7	0.182	0.427	7.4	7.525	8.3	8.53
00400	CONVERTED PH (STANDARD UNITS)	06/17/80-09/22/81	56	7.9	7.698	8.6	6.7	0.228	0.478	7.4	7.525	8.3	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/80-09/22/81	56	0.013	0.02	0.2	0.003	0.001	0.028	0.003	0.005	0.03	0.04
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	12	1.45	1.401	2.7	0.52	0.314	0.56	0.625	0.94	1.675	2.43
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/21/80-08/18/81	4	0.355	0.36	0.47	0.26	0.013	0.116	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	12	0.34	0.311	0.45	0.17	0.011	0.104	0.173	0.2	0.403	0.447
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	13	0.05	0.052	0.09	0.01	0.001	0.03	0.014	0.025	0.085	0.09
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/21/80-08/18/81	5	0.04	0.057	0.16	0.	0.004	0.066	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	13	0.01	0.013	0.03	0.	0.	0.008	0.002	0.008	0.02	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	11	1.1	1.106	2.4	0.49	0.291	0.54	0.5	0.58	1.3	2.22
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/21/80-09/22/81	13	0.35	0.337	0.54	0.05	0.02	0.142	0.114	0.235	0.48	0.524
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	10/21/80-09/22/81	12	0.16	0.198	0.65	0.	0.033	0.182	0.012	0.058	0.293	0.572
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/80-09/22/81	13	0.58	0.558	1.	0.26	0.042	0.206	0.26	0.4	0.675	0.9
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/80-09/22/81	13	1.1	1.046	2.4	0.2	0.298	0.546	0.32	0.6	1.25	2.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/80-09/22/81	13	0.071	0.074	0.104	0.045	0.	0.018	0.049	0.059	0.089	0.101
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/21/80-09/22/81	13	0.044	0.042	0.083	0.006	0.001	0.025	0.006	0.018	0.059	0.081
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/21/80-09/22/81	4	3.95	3.825	5.2	2.2	1.523	1.234	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/18/81-08/18/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/80-09/22/81	13	4.2	4.577	16.	0.5	16.559	4.069	0.5	1.5	6.2	12.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/80-11/18/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/18/80-11/18/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			100.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/18/80-11/18/80	1	720.	720.	720.	720.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/18/80-11/18/80	1	2.857	2.857	2.857	2.857	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			720.								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/17/80-09/22/81	64	20.65	19.638	55.9	1.1	219.908	14.829	2.	4.4	30.675	39.15

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

Parameter Inventory for Station: NACC0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/17/80-09/22/81	64	9.15	9.653	41.6	1.2	56.684	7.529	1.45	3.1	13.6	18.55
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	06/17/80-09/22/81	64	28.1	24.038	56.2	1.8	283.201	16.829	2.7	5.875	37.325	45.05
60050	ALGAE, TOTAL (CELLS/ML)	10/21/80-09/22/81	13	9800.	13726.154	35000.	390.	145467475.641	12060.99	1034.	2875.	24750.	33400.
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	2	18.9	18.9	30.3	7.5	259.92	16.122	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/18/81-09/22/81	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	10/21/80-06/30/81	5	22.	19.46	33.	4.9	153.778	12.401	**	**	**	**
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	03/04/81-03/04/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/21/80-02/04/81	3	0.05	0.05	0.1	0.	0.003	0.05	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/21/80-09/22/81	13	0.06	0.068	0.12	0.01	0.002	0.039	0.018	0.035	0.11	0.12
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/21/80-09/22/81	11	4.9	4.936	11.	2.2	6.093	2.468	2.24	2.6	5.7	10.12
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/21/80-09/22/81	11	0.03	0.048	0.1	0.	0.001	0.029	0.006	0.03	0.07	0.094
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/21/80-09/22/81	13	14.	37.538	188.	4.	3716.603	60.964	5.6	11.	19.	176.8
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	16	0.1	0.111	0.41	0.	0.014	0.12	0.	0.	0.138	0.319
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	06/27/80-09/22/81	15	0.12	0.123	0.19	0.07	0.001	0.034	0.082	0.09	0.15	0.178
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	06/27/80-09/22/81	15	0.	0.143	1.2	0.	0.113	0.336	0.	0.	0.	0.78
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	10/21/80-09/22/81	13	7.5	7.338	15.	0.1	22.844	4.78	0.7	2.9	11.	14.44
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	10/21/80-12/16/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	10/21/80-09/22/81	10	230.	261.	580.	40.	19054.444	138.038	59.	230.	267.5	560.
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	10/21/80-09/22/81	10	2.362	2.348	2.763	1.602	0.087	0.295	1.678	2.362	2.416	2.745
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			222.708								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	10/21/80-09/22/81	10	2400.	3680.	9300.	2300.	5059555.556	2249.346	2300.	2300.	4550.	8900.
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	10/21/80-09/22/81	10	3.38	3.512	3.968	3.362	0.044	0.211	3.362	3.362	3.656	3.944
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			3254.337								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	11/18/80-08/18/81	3	6.	11.667	28.	1.	206.333	14.364	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0072

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	56	0	0.00	20	0	0.00	16	0	0.00	20	0	0.00			
00400	PH	Marine Chronic	8.5	56	8	0.14	20	3	0.15	16	5	0.31	20	0	0.00			
		Other-Lo Lim.	6.5	56	0	0.00	20	0	0.00	16	0	0.00	20	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: NACC0073

NPS Station ID: NACC0073 LAT/LON: 38.873615/ -77.022504 Agency: 21DCBAWQ Date Created: 09/13/86
Location: WASHINGTON CHANNEL D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): PWC04
RMI-Indexes: 0214001 002640 Within Park Boundary: No
RMI-Miles: 0094.25 0001.10
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010028 RF1 Mile Point: 1.510 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010002500.00 RF3 Mile Point: 2.31 Distance from RF3: 0.15 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: WASHINGTON CHANNEL WASH.D.C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	682	22.4	20.545	31.6	0.4	47.212	6.871	10.	16.9	26.	28.
00032	CLOUD COVER (PERCENT)	10/12/83-08/05/85	71	60.	52.901	100.	0.	1573.119	39.663	0.	10.	96.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	135	1.	0.993	1.8	0.	0.114	0.337	0.56	0.8	1.2	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	649	294.	307.653	665.	135.	5665.955	75.273	221.	256.	346.	406.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	672	7.3	7.223	15.6	0.	6.862	2.62	4.1	5.9	8.7	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	141	1.5	1.71	4.9	0.	0.895	0.946	0.5	1.1	2.35	2.96
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	616	7.6	7.612	8.9	5.8	0.203	0.45	7.1	7.3	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	616	7.6	7.378	8.9	5.8	0.258	0.508	7.1	7.3	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	616	0.025	0.042	1.585	0.001	0.006	0.079	0.006	0.013	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	152	78.	75.868	116.	7.	312.393	17.675	54.	64.	90.	96.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	102	5.	7.971	67.	0.	127.163	11.277	0.02	2.	8.	17.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	125	0.09	0.117	1.29	0.02	0.024	0.155	0.02	0.02	0.134	0.209
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	124	0.02	0.036	0.926	0.005	0.007	0.085	0.005	0.012	0.037	0.058
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	118	1.12	1.062	2.6	0.01	0.257	0.507	0.3	0.735	1.405	1.731
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	79	0.618	0.621	1.05	0.	0.058	0.242	0.331	0.473	0.814	0.895
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-04/02/96	3	2.7	2.967	3.6	2.6	0.303	0.551	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	81	0.055	0.056	0.195	0.	0.001	0.03	0.013	0.042	0.073	0.082
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	78	0.031	0.032	0.114	0.	0.	0.02	0.005	0.02	0.042	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	110	0.01	0.017	0.09	0.	0.	0.016	0.004	0.004	0.028	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	98	3.65	4.13	22.	0.	6.969	2.64	1.99	2.875	4.825	6.21
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	113	3.4	3.509	11.8	0.	3.192	1.786	1.54	2.25	4.3	5.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	152	125.5	119.23	248.	0.	1505.953	38.807	77.8	100.	146.	161.4
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	34.	40.667	62.	26.	357.333	18.903	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	100	2.1	2.13	5.1	0.1	1.382	1.176	0.7	1.1	2.95	3.69
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/15/86-10/07/91	14	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/04/94-01/10/95	6	## 2.5	7.	16.	2.5	48.6	6.971	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/10/95	28	## 2.5	2.446	2.5	1.	0.08	0.283	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/10/95	28	## 5.	6.232	32.	2.5	29.361	5.419	5.	5.	5.	6.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/10/95	28	## 12.5	9.589	12.5	5.	12.594	3.549	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/10/95	27	240.	350.889	1480.	86.	115678.103	340.115	98.8	152.	439.	765.6
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/10/95	28	## 25.	19.464	25.	2.5	95.536	9.774	2.5	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/10/95	28	20.	37.929	203.	0.	2676.513	51.735	6.	10.	33.75	133.5
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	19	## 2.5	2.632	5.	2.5	0.329	0.574	2.5	2.5	2.5	2.5

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

Parameter Inventory for Station: NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/13/83	3	2300.	2433.333	2800.	2200.	103333.333	321.455	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/13/83	3	3.362	3.384	3.447	3.342	0.003	0.056	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2419.745								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	95	230.	391.232	3000.	10.	292548.839	540.878	22.	80.	330.	944.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	95	2.362	2.265	3.477	1.	0.329	0.574	1.342	1.903	2.519	2.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			184.248								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/91-04/14/92	6	800.	7223.333	22000.	200.	105249666.667	10259.126	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/07/91-04/14/92	6	2.903	3.266	4.342	2.301	0.705	0.84	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1842.908								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/09/91	17	4000.	5517.647	19600.	200.	33979044.118	5829.155	760.	1250.	6750.	16960.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/15/90-09/09/91	17	3.602	3.491	4.292	2.301	0.277	0.526	2.824	3.097	3.829	4.228
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			3095.53								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/14/84-03/14/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-10/15/86	29	6.	7.431	40.	0.5	59.192	7.694	0.5	2.	9.5	13.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-10/15/86	31	8.	9.726	36.	0.5	82.064	9.059	0.5	2.	16.	23.4
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/10/95	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	153	9.	11.353	132.	3.	153.019	12.37	5.	6.	12.	18.

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

EPA Water Quality Criteria Analysis for Station: NACC0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	672	66	0.10	322	36	0.11	106	8	0.08	244	22	0.09			
00400	PH	Fresh Chronic	9.	616	0	0.00	290	0	0.00	104	0	0.00	222	0	0.00			
		Other-Lo Lim.	6.5	616	8	0.01	290	1	0.00	104	5	0.05	222	2	0.01			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	124	0	0.00	39	0	0.00	55	0	0.00	30	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	118	0	0.00	39	0	0.00	51	0	0.00	28	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00				2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	50.	14	0	0.00	5	0	0.00	6	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	5.	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	1300.	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	15.	7 &	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	28	3	0.11	9	2	0.22	12	1	0.08	7	0	0.00			
		Drinking Water	5000.	28	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	19	0	0.00	5	0	0.00	10	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	1	1	1.00	2	2	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	95	56	0.59	34	19	0.56	39	31	0.79	22	6	0.27			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	6	1.00	1	1	1.00	4	4	1.00	1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	30	0	0.00	10	0	0.00	13	0	0.00	7	0	0.00			
		Drinking Water	2.	30	0	0.00	10	0	0.00	13	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	153	2	0.01	53	0	0.00	63	1	0.02	37	1	0.03			

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

Annual Analysis for 1983 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	9	19.2	17.8	19.4	6.4	18.295	4.277	6.4	19.05	19.35	19.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	2	1.2	1.2	1.5	0.9	0.18	0.424	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	2	260.5	260.5	351.	170.	16380.5	127.986	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	9	8.2	8.511	12.	7.8	1.766	1.329	7.8	7.85	8.35	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	3 ##	0.5	0.867	1.6	0.5	0.403	0.635	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	2	7.25	7.25	7.4	7.1	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	2	7.225	7.225	7.4	7.1	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	2	0.06	0.06	0.079	0.04	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	2	73.	73.	94.	52.	882.	29.698	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	3 ##	2.	23.667	67.	2.	1408.333	37.528	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	3	0.148	0.124	0.149	0.076	0.002	0.042	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	3	0.01	0.016	0.034	0.005	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	3	1.4	1.307	1.44	1.08	0.039	0.197	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	3	0.362	0.37	0.45	0.298	0.006	0.076	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	3	0.073	0.074	0.077	0.072	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	3	0.045	0.041	0.046	0.031	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	3	0.033	0.029	0.036	0.017	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	3	3.9	5.067	8.	3.3	6.543	2.558	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	3	3.3	4.467	7.7	2.4	8.043	2.836	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	3	2.6	2.7	3.4	2.1	0.43	0.656	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	3	230.	203.333	330.	50.	20133.333	141.892	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	3	2.362	2.193	2.519	1.699	0.189	0.435	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			155.981								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	2	9.5	9.5	12.	7.	12.5	3.536	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	37	26.9	22.403	29.7	1.	61.724	7.856	9.46	15.65	27.85	28.82
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	9	1.	0.944	1.3	0.4	0.093	0.305	0.4	0.7	1.15	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	16	223.5	230.5	338.	135.	2975.733	54.55	142.	198.75	277.5	311.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	37	6.3	5.67	12.5	0.	7.676	2.771	1.28	3.8	7.35	8.66
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	9	1.5	1.689	2.8	0.5	0.599	0.774	0.5	1.05	2.4	2.8
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	13	7.5	7.5	8.2	6.4	0.205	0.453	6.6	7.4	7.7	8.12
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	13	7.5	7.211	8.2	6.4	0.295	0.544	6.6	7.4	7.7	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	13	0.032	0.062	0.398	0.006	0.011	0.105	0.008	0.02	0.04	0.289
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	10	82.	79.	104.	44.	395.778	19.894	45.	60.	93.	103.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	7	5.	6.571	16.	2.	21.952	4.685	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	9	0.142	0.183	0.332	0.042	0.01	0.098	0.042	0.106	0.278	0.332
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	9	0.031	0.032	0.078	0.01	0.	0.021	0.01	0.016	0.039	0.078
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	9	1.19	1.388	2.6	0.63	0.453	0.673	0.63	0.895	1.945	2.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	10	0.601	0.588	0.829	0.426	0.016	0.125	0.428	0.481	0.658	0.818
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	10	0.061	0.07	0.123	0.043	0.001	0.026	0.044	0.053	0.087	0.121
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	9	0.035	0.039	0.087	0.006	0.001	0.026	0.006	0.019	0.057	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	9	0.022	0.027	0.07	0.004	0.001	0.023	0.004	0.007	0.042	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	7	2.9	4.314	7.8	1.6	6.688	2.586	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	7	2.3	3.671	8.	0.5	7.066	2.658	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	10	93.	99.8	166.	32.	1543.511	39.288	36.	72.	131.5	163.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	9	1.1	1.889	3.5	0.3	1.729	1.315	0.3	0.85	3.25	3.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	8	245.	244.25	540.	70.	24201.643	155.569	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	8	2.389	2.298	2.732	1.845	0.1	0.317	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			198.431								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	10	9.5	13.7	36.	4.	111.122	10.541	4.1	6.5	20.5	35.2

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

Annual Analysis for 1985 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	47	24.8	22.449	28.	6.9	31.302	5.595	13.	19.	26.2	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	9	1.2	1.	1.3	0.2	0.14	0.374	0.2	0.75	1.25	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	47	269.	271.319	340.	203.	2171.526	46.6	212.	230.	325.	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	47	6.8	6.911	14.	4.4	3.037	1.743	4.68	6.	7.8	8.84
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	8 ##	1.15	1.313	2.7	0.5	0.833	0.913	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	29	7.4	7.562	8.9	6.8	0.293	0.541	6.9	7.2	7.9	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	29	7.4	7.324	8.9	6.8	0.352	0.593	6.9	7.2	7.9	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	29	0.04	0.047	0.158	0.001	0.002	0.043	0.005	0.013	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	8	65.	70.25	100.	51.	221.929	14.897	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	9	4.	6.333	26.	2.	57.	7.55	2.	2.	6.	26.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	9	0.116	0.092	0.196	0.02	0.004	0.064	0.02	0.02	0.136	0.196
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	9	0.026	0.029	0.055	0.01	0.	0.016	0.01	0.016	0.045	0.055
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	9	1.	0.874	1.43	0.23	0.135	0.367	0.23	0.575	1.105	1.43
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	9	0.644	0.648	1.04	0.05	0.076	0.276	0.05	0.55	0.829	1.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	9	0.069	0.078	0.195	0.042	0.002	0.046	0.042	0.048	0.08	0.195
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	9	0.032	0.041	0.114	0.012	0.001	0.03	0.012	0.024	0.045	0.114
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	9	0.011	0.023	0.09	0.004	0.001	0.027	0.004	0.007	0.033	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	9	3.4	3.378	5.4	1.8	1.827	1.352	1.8	2.	4.65	5.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	9	2.3	2.744	5.3	0.5	2.038	1.428	0.5	1.8	3.7	5.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	8	123.	103.625	148.	0.	2240.554	47.334	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	6	2.1	2.1	3.5	0.5	1.428	1.195	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	6	245.	280.	560.	10.	46960.	216.703	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	6	2.361	2.212	2.748	1.	0.418	0.646	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			163.115								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	8	7.5	24.625	132.	5.	1905.696	43.654	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	59	21.5	21.185	28.7	3.	38.506	6.205	14.	18.7	27.5	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	10	0.9	0.99	1.8	0.5	0.132	0.363	0.52	0.775	1.15	1.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	58	329.5	340.897	473.	274.	4355.393	65.995	276.	289.	404.	469.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	58	6.	6.197	13.5	2.3	4.58	2.14	3.99	4.3	7.45	8.73
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	12	2.1	1.8	3.	0.1	0.907	0.953	0.22	0.75	2.5	2.88
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	58	7.4	7.655	8.8	6.4	0.315	0.561	7.2	7.2	8.1	8.51
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	58	7.4	7.338	8.8	6.4	0.417	0.646	7.2	7.2	8.1	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	58	0.04	0.046	0.398	0.002	0.005	0.072	0.003	0.008	0.063	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	79.	76.583	95.	54.	154.265	12.42	55.8	66.25	87.25	93.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	11	4.	5.	16.	0.	19.8	4.45	0.	2.	7.	14.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	11	0.097	0.206	1.29	0.02	0.131	0.362	0.028	0.076	0.117	1.075
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	12	0.046	0.125	0.926	0.017	0.065	0.255	0.017	0.021	0.087	0.69
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	12	0.84	0.907	1.93	0.01	0.353	0.594	0.07	0.403	1.385	1.87
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	11	0.754	0.681	0.844	0.506	0.023	0.151	0.507	0.512	0.831	0.842
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	12	0.052	0.053	0.073	0.042	0.	0.009	0.042	0.045	0.061	0.07
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	11	0.026	0.028	0.05	0.005	0.	0.012	0.008	0.021	0.034	0.049
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	11 ##	0.004	0.012	0.033	0.004	0.	0.011	0.004	0.004	0.02	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	3.3	3.367	5.2	1.8	1.357	1.165	1.83	2.175	4.5	5.08
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	2.75	2.8	4.6	1.	1.18	1.086	1.15	2.05	3.75	4.45
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	32.	57.25	176.	6.	3763.295	61.346	7.2	18.5	104.	173.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	12	1.2	1.375	3.1	0.1	0.96	0.98	0.1	0.6	1.925	3.07
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	9	70.	91.111	260.	10.	8361.111	91.439	10.	20.	155.	260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	9	1.845	1.748	2.415	1.	0.23	0.48	1.	1.301	2.132	2.415
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			55.933								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	9.	10.083	21.	6.	18.265	4.274	6.	7.	11.75	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 1987 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	65	17.7	18.858	29.7	2.9	65.437	8.089	7.06	10.	25.95	28.44
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	11	0.9	0.936	1.7	0.3	0.187	0.432	0.32	0.6	1.3	1.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	65	256.	285.323	423.	174.	5039.535	70.99	206.	239.	338.	421.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	65	6.8	5.482	9.9	0.3	11.814	3.437	0.4	1.3	8.55	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	10	1.65	1.75	3.1	0.5	0.727	0.853	0.55	1.075	2.65	3.07
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	65	7.5	7.418	8.	6.4	0.162	0.402	6.9	7.1	7.8	7.94
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	65	7.5	7.222	8.	6.4	0.201	0.448	6.9	7.1	7.8	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	65	0.032	0.06	0.398	0.01	0.005	0.07	0.012	0.016	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	77.5	78.	100.	57.	214.364	14.641	57.9	62.5	91.5	98.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	5	5.	7.4	18.	2.	39.8	6.309	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	11 ##	0.02	0.051	0.126	0.02	0.002	0.041	0.02	0.02	0.082	0.124
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	11	0.021	0.029	0.087	0.01	0.001	0.022	0.01	0.013	0.04	0.078
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	11	1.16	1.294	1.87	0.7	0.178	0.422	0.708	0.9	1.66	1.846
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	4	0.366	0.392	0.504	0.331	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	4	0.046	0.051	0.077	0.035	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	4	0.04	0.04	0.047	0.032	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	11	0.01	0.014	0.032	0.004	0.	0.012	0.004	0.004	0.031	0.032
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	5	2.5	2.3	2.8	1.4	0.36	0.6	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	11	2.8	3.418	7.8	1.6	3.348	1.83	1.62	2.2	4.6	7.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	109.5	114.583	162.	51.	924.083	30.399	63.	100.5	144.75	158.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	10.5	16.667	66.	5.	277.697	16.664	5.3	8.25	18.75	54.

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

Annual Analysis for 1988 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	45	22.	21.444	31.6	0.4	55.821	7.471	9.84	16.75	27.85	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	10	0.9	0.85	1.3	0.1	0.112	0.334	0.15	0.675	1.1	1.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	45	365.	354.644	499.	240.	3342.371	57.813	274.4	292.5	408.	412.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	45	7.3	7.207	11.8	0.6	3.632	1.906	4.82	6.3	8.15	9.36
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	10	1.9	2.06	3.4	1.1	0.829	0.911	1.1	1.175	2.925	3.39
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	45	7.5	7.618	8.6	7.1	0.106	0.325	7.3	7.4	7.7	8.14
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	45	7.5	7.529	8.6	7.1	0.114	0.337	7.3	7.4	7.7	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	45	0.032	0.03	0.079	0.003	0.	0.016	0.007	0.02	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	74.5	77.75	100.	60.	176.932	13.302	61.2	67.25	90.	98.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	3	9.	16.333	36.	4.	296.333	17.214	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	11	0.091	0.089	0.18	0.02	0.002	0.048	0.02	0.05	0.123	0.169
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	12	0.024	0.04	0.134	0.005	0.002	0.042	0.005	0.011	0.052	0.127
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	12	1.095	1.145	1.74	0.72	0.145	0.381	0.735	0.818	1.57	1.737
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	2	0.479	0.479	0.484	0.473	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	1	0.053	0.053	0.053	0.053	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	10	0.009	0.012	0.04	0.004	0.	0.012	0.004	0.004	0.015	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	3	4.2	4.7	5.7	4.2	0.75	0.866	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	3.8	3.717	5.9	2.4	0.863	0.929	2.49	2.85	4.175	5.39
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	120.	127.583	190.	98.	791.174	28.128	98.9	103.	148.	181.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	10.	11.833	24.	5.	31.061	5.573	5.6	8.25	15.25	22.8

** - 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 1989 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	42	23.95	20.774	28.7	2.5	45.958	6.779	7.03	18.7	24.8	27.37
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	11	1.1	1.073	1.4	0.6	0.07	0.265	0.62	0.9	1.3	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	38	271.5	283.789	457.	229.	1248.225	35.33	261.	265.75	300.	310.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	34	7.55	7.724	12.4	3.6	6.313	2.513	4.15	5.75	9.55	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	10	1.2	1.23	2.4	0.5	0.3	0.548	0.5	0.875	1.45	2.32
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	34	7.55	7.653	8.7	7.	0.223	0.472	7.	7.35	7.9	8.45
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	34	7.547	7.449	8.7	7.	0.265	0.515	7.	7.35	7.9	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	34	0.028	0.036	0.1	0.002	0.001	0.032	0.004	0.013	0.046	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	74.	66.417	90.	7.	466.083	21.589	19.9	59.	79.	87.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	10	6.	7.7	15.	4.	14.678	3.831	4.1	5.	12.	14.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	10 ##	0.033	0.065	0.218	0.02	0.004	0.064	0.02	0.02	0.096	0.207
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	10	0.018	0.019	0.036	0.005	0.	0.01	0.005	0.011	0.026	0.035
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	10	1.14	1.185	1.54	0.88	0.046	0.214	0.892	1.038	1.323	1.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	9	0.575	0.549	1.05	0.	0.156	0.396	0.	0.149	0.915	1.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	8 ##	0.005	0.027	0.085	0.	0.001	0.036	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	7	0.005	0.018	0.072	0.	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	9	0.016	0.019	0.046	0.004	0.	0.016	0.004	0.004	0.034	0.046
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	10	3.8	4.52	13.3	2.2	10.195	3.193	2.24	2.975	4.35	12.48
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	10	3.9	3.69	7.8	1.3	3.139	1.772	1.39	2.2	4.175	7.46
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	117.	118.167	188.	84.	647.606	25.448	88.8	102.	124.5	170.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	5	2.3	2.26	2.7	1.7	0.173	0.416	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	5	490.	791.	2400.	45.	887680.	942.168	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	5	2.69	2.597	3.38	1.653	0.415	0.644	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			394.998								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	7.5	9.417	22.	6.	26.083	5.107	6.	6.	11.	20.5

** - 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 1990 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	60	22.8	20.685	27.8	1.6	36.992	6.082	11.01	18.575	25.3	25.87
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	11	0.9	0.918	1.2	0.6	0.028	0.166	0.64	0.8	1.	1.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	60	253.5	265.517	354.	200.	2281.576	47.766	215.	223.75	298.25	343.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	60	6.6	6.732	11.8	0.3	5.365	2.316	3.81	5.625	7.9	10.68
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	12	1.65	1.9	3.3	0.5	0.682	0.826	0.68	1.4	2.675	3.12
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	60	7.5	7.365	8.2	6.6	0.14	0.375	6.9	7.025	7.6	7.79
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	60	7.5	7.216	8.2	6.6	0.163	0.404	6.9	7.025	7.6	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	60	0.032	0.061	0.251	0.006	0.003	0.052	0.016	0.025	0.095	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	67.	69.	90.	46.	206.182	14.359	46.6	58.	83.5	88.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	12	11.	13.333	42.	2.	120.061	10.957	2.6	6.25	17.75	36.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	12	0.127	0.117	0.297	0.02	0.007	0.085	0.02	0.027	0.178	0.265
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	12	0.019	0.022	0.056	0.005	0.	0.014	0.007	0.012	0.031	0.05
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	12	1.14	1.05	1.86	0.26	0.193	0.439	0.338	0.715	1.323	1.752
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	12	0.834	0.699	0.989	0.	0.086	0.294	0.084	0.56	0.875	0.958
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	12	0.061	0.057	0.12	0.	0.001	0.033	0.004	0.037	0.076	0.11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	12	0.031	0.031	0.08	0.	0.	0.021	0.004	0.014	0.04	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	12 ##	0.004	0.011	0.044	0.	0.	0.014	0.001	0.004	0.013	0.041
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	4.15	4.275	6.3	2.7	1.137	1.066	2.76	3.5	5.125	6.09
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	3.95	3.9	5.4	2.2	1.005	1.003	2.35	3.125	4.725	5.31
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	115.	110.	134.	76.	330.182	18.171	77.8	98.	125.5	131.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	11	2.4	2.518	4.5	0.1	1.352	1.163	0.38	2.	3.1	4.34
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	1	1520.	1520.	1520.	1520.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	1	3.182	3.182	3.182	3.182	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1520.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	12.	12.583	28.	7.	26.265	5.125	7.9	10.25	12.75	23.5

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

Annual Analysis for 1991 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	53	20.6	20.296	28.8	5.8	54.043	7.351	7.74	15.5	27.8	28.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	10	1.05	1.09	1.6	0.8	0.065	0.256	0.8	0.875	1.25	1.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	53	344.	315.113	452.	241.	3433.218	58.594	243.	252.5	365.5	374.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	53	7.8	8.183	12.7	2.4	5.856	2.42	5.	6.2	10.35	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	11	1.3	1.845	4.9	0.5	1.829	1.352	0.5	0.5	2.7	4.52
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	53	7.6	7.642	8.4	7.	0.079	0.281	7.3	7.5	7.75	8.06
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	53	7.6	7.561	8.4	7.	0.086	0.293	7.3	7.5	7.75	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	53	0.025	0.028	0.1	0.004	0.	0.017	0.009	0.018	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	17	86.	88.059	114.	56.	206.809	14.381	65.6	82.	98.	108.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	11	7.	11.	62.	2.	296.6	17.222	2.	2.	8.	52.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	11	0.101	0.1	0.205	0.02	0.003	0.056	0.024	0.049	0.148	0.194
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	11	0.031	0.028	0.061	0.005	0.	0.019	0.005	0.01	0.038	0.059
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	11	1.23	1.094	2.03	0.13	0.356	0.597	0.198	0.48	1.4	1.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	11	0.776	0.704	0.934	0.414	0.036	0.188	0.425	0.492	0.842	0.932
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	11	0.05	0.051	0.084	0.026	0.	0.015	0.028	0.042	0.057	0.079
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	11	0.027	0.027	0.054	0.005	0.	0.012	0.008	0.02	0.031	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	11	0.009	0.013	0.041	0.003	0.	0.011	0.003	0.006	0.017	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	11	4.7	4.364	6.2	0.	3.045	1.745	0.64	3.4	5.6	6.12
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	11	4.4	4.309	7.9	0.	3.815	1.953	0.62	3.4	5.5	7.44
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	17	148.	144.118	248.	96.	1220.235	34.932	99.2	124.	154.	190.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	12	2.25	2.125	3.6	0.4	1.171	1.082	0.43	1.1	3.1	3.51
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	17	10.	10.412	17.	5.	10.757	3.28	5.8	8.5	12.	16.2

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

Annual Analysis for 1992 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	45	23.9	21.184	27.5	2.4	39.58	6.291	12.26	17.1	26.	26.58
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	11	1.2	1.091	1.6	0.	0.171	0.413	0.18	0.9	1.3	1.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	45	311.	316.844	481.	251.	2442.362	49.42	266.6	284.	332.5	366.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	45	7.6	8.327	13.9	3.	7.969	2.823	5.2	6.05	10.8	12.58
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	12	1.4	1.617	4.6	0.	1.316	1.147	0.15	1.125	2.05	3.97
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	45	7.6	7.758	8.8	5.8	0.252	0.502	7.3	7.5	8.05	8.44
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	45	7.6	7.249	8.8	5.8	0.517	0.719	7.3	7.5	8.05	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	45	0.025	0.056	1.585	0.002	0.055	0.233	0.004	0.009	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	10	80.	77.4	90.	60.	152.044	12.331	60.2	65.	90.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	12	0.061	0.064	0.114	0.02	0.001	0.038	0.02	0.02	0.099	0.113
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	12 ##	0.01	0.016	0.04	0.005	0.	0.013	0.005	0.005	0.028	0.038
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	11	1.24	1.306	1.74	0.85	0.078	0.279	0.87	1.18	1.58	1.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	8	0.604	0.639	1.04	0.412	0.042	0.206	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	11	0.058	0.049	0.082	0.013	0.001	0.027	0.013	0.02	0.072	0.082
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	11	0.038	0.035	0.066	0.005	0.	0.018	0.006	0.021	0.05	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	11	0.014	0.022	0.05	0.	0.	0.019	0.001	0.003	0.04	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	3.7	3.492	5.7	0.	1.874	1.369	0.72	3.025	4.15	5.34
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	12	3.4	3.017	5.1	0.	1.523	1.234	0.6	2.275	3.475	4.65
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	131.	128.	160.	82.	508.364	22.547	86.2	113.	142.	157.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	12	2.3	2.533	5.1	0.9	1.552	1.246	1.02	2.05	2.475	5.04
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	8	230.	226.25	300.	130.	2112.5	45.962	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	8	2.362	2.345	2.477	2.114	0.01	0.102	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			221.401								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	11	10.	8.909	12.	6.	4.691	2.166	6.	7.	11.	11.8

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

Annual Analysis for 1993 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	67	23.2	20.73	31.2	4.7	48.975	6.998	11.38	11.7	25.7	30.16
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	10	1.05	1.01	1.7	0.3	0.172	0.415	0.33	0.675	1.275	1.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	67	349.	329.313	435.	215.	3708.612	60.898	232.	289.	362.	424.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	67	8.3	7.622	15.	0.1	7.203	2.684	3.36	6.4	9.1	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	11	1.8	1.836	4.	0.5	1.275	1.129	0.5	0.5	2.6	3.8
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	59	7.6	7.573	8.2	6.9	0.12	0.346	7.1	7.3	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	59	7.6	7.444	8.2	6.9	0.137	0.37	7.1	7.3	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	59	0.025	0.036	0.126	0.006	0.001	0.028	0.01	0.013	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	9	78.	79.111	102.	54.	300.111	17.324	54.	65.	98.	102.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	5	0.06	0.14	0.3	0.02	0.022	0.147	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	10	0.08	0.141	0.75	0.02	0.048	0.22	0.02	0.02	0.15	0.69
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	9	0.03	0.042	0.18	0.005	0.003	0.056	0.005	0.005	0.055	0.18
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	3	1.51	1.543	1.75	1.37	0.037	0.192	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	8	0.01	0.014	0.04	0.005	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	10	3.5	6.16	22.	1.5	37.749	6.144	1.64	2.9	7.75	20.86
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	10	2.7	3.9	11.8	1.1	10.46	3.234	1.14	1.875	5.2	11.29
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	9	118.	127.222	188.	84.	1064.944	32.633	84.	101.	152.	188.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	10	1.9	2.12	4.	1.	0.748	0.865	1.05	1.575	2.8	3.88
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	8	230.	187.5	300.	40.	11078.571	105.255	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	8	2.362	2.17	2.477	1.602	0.135	0.368	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			147.804								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	9	6.	7.778	18.	4.	19.444	4.41	4.	5.	10.	18.

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

Annual Analysis for 1994 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	63	20.3	20.148	30.2	1.5	50.501	7.106	11.6	14.	26.8	29.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	9	1.1	1.233	1.7	0.9	0.067	0.26	0.9	1.05	1.45	1.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	63	308.	317.73	409.	210.	2765.523	52.588	237.6	292.	342.	393.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	63	7.5	7.511	13.9	3.5	4.959	2.227	5.08	5.8	8.4	10.06
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	12	1.65	1.875	4.2	0.5	1.146	1.07	0.65	1.125	2.25	3.99
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	63	7.7	7.687	8.7	6.5	0.202	0.45	7.1	7.3	7.9	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	63	7.7	7.466	8.7	6.5	0.252	0.502	7.1	7.3	7.9	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	63	0.02	0.034	0.316	0.002	0.002	0.045	0.004	0.013	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	82.	76.333	116.	36.	606.424	24.626	40.8	52.5	91.5	113.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	11 ##	0.02	0.031	0.08	0.02	0.	0.02	0.02	0.02	0.05	0.074
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	4	0.155	0.253	0.68	0.02	0.087	0.294	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	8	0.018	0.018	0.04	0.005	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	6	0.025	0.028	0.05	0.01	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	4	3.	3.725	6.8	2.1	4.489	2.119	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	4	2.25	2.65	4.7	1.4	2.31	1.52	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	148.	134.75	168.	90.	852.205	29.193	91.2	100.25	159.5	165.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	16	1.3	2.038	4.5	0.7	2.347	1.532	0.7	0.775	3.9	4.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	24	151.5	315.833	944.	10.	142135.014	377.008	21.	42.75	765.5	944.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	24	2.176	2.14	2.975	1.	0.379	0.616	1.322	1.628	2.822	2.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			138.058								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	6.	6.667	13.	3.	10.424	3.229	3.3	4.25	9.	12.7

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

Annual Analysis for 1995 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	43	23.8	19.853	29.5	1.4	61.384	7.835	6.88	13.	25.7	28.18
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	13	1.	1.085	1.5	0.9	0.031	0.177	0.9	0.95	1.2	1.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	43	316.	374.86	665.	205.	24756.075	157.341	208.	253.	502.	658.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	42	9.5	9.188	15.6	4.1	5.309	2.304	6.08	7.75	10.725	11.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	10	1.5	1.91	4.1	1.	1.034	1.017	1.01	1.175	2.375	4.01
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	43	8.1	8.042	8.9	6.4	0.275	0.525	7.4	7.6	8.5	8.56
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	43	8.1	7.636	8.9	6.4	0.444	0.667	7.4	7.6	8.5	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	43	0.008	0.023	0.398	0.001	0.004	0.06	0.003	0.003	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	81.	81.583	92.	62.	77.356	8.795	65.6	75.5	90.	91.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	7 ##	2.	6.143	28.	2.	94.143	9.703	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	8	0.052	0.058	0.139	0.02	0.002	0.042	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	6	0.015	0.013	0.021	0.005	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	2	0.83	0.83	0.85	0.81	0.001	0.028	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	131.	128.917	166.	84.	606.083	24.619	87.6	112.5	146.	164.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	4	2.05	2.525	4.5	1.5	1.843	1.357	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	12	215.	424.	1200.	10.	191432.727	437.53	13.	62.5	933.	1123.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	12	2.331	2.281	3.079	1.	0.472	0.687	1.09	1.73	2.97	3.048
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			190.939								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	5.	4.5	5.	3.	0.455	0.674	3.3	4.	5.	5.

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

Annual Analysis for 1996 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	47	18.9	18.564	24.6	6.	22.863	4.782	8.78	18.7	20.7	24.52
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	9	0.7	0.6	1.1	0.1	0.085	0.292	0.1	0.4	0.75	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	47	259.	267.128	386.	209.	1483.244	38.513	217.4	247.	294.	312.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	47	6.9	7.619	11.8	6.	2.989	1.729	6.18	6.3	8.5	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	11	1.4	1.5	2.7	0.5	0.308	0.555	0.64	1.2	1.7	2.58
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	47	7.5	7.562	8.	7.1	0.062	0.25	7.2	7.3	7.7	7.92
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	47	7.5	7.495	8.	7.1	0.067	0.259	7.2	7.3	7.7	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	47	0.032	0.032	0.079	0.01	0.	0.018	0.012	0.02	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	12	65.	61.917	94.	27.	517.72	22.753	30.	38.	83.	93.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	7	8.	13.429	36.	5.	117.619	10.845	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	4	0.212	0.297	0.641	0.124	0.056	0.236	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	12	132.	139.167	167.	120.	214.515	14.646	122.4	131.25	151.25	165.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	11	500.	968.182	3000.	90.	1037276.364	1018.468	118.	230.	2200.	2840.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	11	2.699	2.748	3.477	1.954	0.24	0.49	2.036	2.362	3.342	3.45
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			560.372								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	12	11.	14.833	35.	5.	106.879	10.338	5.	8.	18.	35.

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	331	25.7	24.987	31.6	16.9	11.297	3.361	19.1	23.2	27.5	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	48	1.	0.979	1.5	0.	0.09	0.3	0.6	0.9	1.2	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	306	319.5	317.869	423.	205.	2838.514	53.278	250.4	280.75	358.	381.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	322	6.6	6.498	12.	0.1	4.325	2.08	3.9	5.3	7.9	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	44	2.45	2.377	4.9	0.5	1.064	1.031	0.85	1.725	2.95	3.75
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	290	7.6	7.638	8.9	5.8	0.175	0.418	7.2	7.4	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	290	7.6	7.417	8.9	5.8	0.224	0.473	7.2	7.4	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	290	0.025	0.038	1.585	0.001	0.009	0.096	0.006	0.013	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	53	86.	81.811	102.	27.	223.771	14.959	62.	78.	90.	97.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	31	5.	6.855	62.	0.02	121.115	11.005	0.05	2.	8.	13.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	40	0.055	0.074	0.218	0.02	0.004	0.061	0.02	0.02	0.117	0.149
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	39	0.039	0.048	0.18	0.014	0.001	0.034	0.02	0.03	0.055	0.088
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	39	0.74	0.753	1.66	0.13	0.124	0.352	0.3	0.48	1.07	1.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	23	0.829	0.788	1.05	0.45	0.029	0.17	0.499	0.706	0.895	1.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	26	0.058	0.062	0.12	0.	0.	0.021	0.044	0.052	0.075	0.083
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	26	0.028	0.027	0.066	0.	0.	0.014	0.006	0.019	0.032	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	35 ##	0.004	0.01	0.04	0.003	0.	0.01	0.004	0.004	0.011	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	31	4.1	4.616	22.	1.6	12.208	3.494	2.24	2.9	5.4	6.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	38	3.5	3.747	11.8	0.5	3.948	1.987	2.	2.275	4.6	5.63
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	53	132.	132.792	248.	20.	1193.437	34.546	101.6	123.	150.5	161.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	33	1.9	1.918	4.5	0.3	1.1	1.049	0.58	1.1	2.3	3.54
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/10/95	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/10/95	9 ##	5.	6.111	15.	5.	11.111	3.333	5.	5.	5.	15.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/10/95	9 ##	10.	9.278	12.5	5.	11.257	3.355	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/10/95	8	152.5	181.875	439.	90.	13060.696	114.283	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/10/95	9 ##	25.	22.778	25.	5.	44.444	6.667	5.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/10/95	9	20.	44.667	174.	0.	3842.75	61.99	0.	9.5	74.5	174.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	34	230.	379.147	3000.	20.	316274.917	562.383	42.5	72.75	307.5	1022.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	34	2.362	2.281	3.477	1.301	0.267	0.516	1.628	1.854	2.487	3.008
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			191.176								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/10/95	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	53	7.	8.189	35.	4.	26.425	5.141	4.4	5.	10.	11.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	107	8.2	10.095	21.7	0.4	33.184	5.761	2.86	5.9	13.6	18.84
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	50	1.05	1.036	1.8	0.2	0.157	0.396	0.5	0.775	1.3	1.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	106	316.	329.113	665.	135.	8293.682	91.07	230.	244.	399.	460.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	106	8.65	9.033	15.6	1.	8.542	2.923	7.07	7.775	11.2	12.43
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	63	1.2	1.254	3.3	0.1	0.367	0.606	0.5	1.	1.5	2.1
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	104	7.5	7.48	8.6	6.4	0.174	0.418	6.9	7.2	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	104	7.5	7.248	8.6	6.4	0.229	0.478	6.9	7.2	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	104	0.032	0.056	0.398	0.003	0.007	0.081	0.013	0.02	0.063	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	62	73.	74.323	116.	36.	340.189	18.444	52.6	60.	89.25	101.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	45	4.	9.248	67.	0.	182.159	13.497	0.02	2.	10.	30.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	54	0.099	0.148	1.29	0.02	0.042	0.206	0.025	0.057	0.149	0.264
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	55	0.013	0.034	0.926	0.005	0.015	0.124	0.005	0.005	0.02	0.036
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	51	1.42	1.334	2.6	0.01	0.302	0.549	0.3	1.13	1.73	1.868
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	37	0.512	0.523	1.04	0.	0.06	0.245	0.225	0.371	0.721	0.848
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	36	0.049	0.052	0.195	0.	0.001	0.037	0.004	0.034	0.067	0.085
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	35	0.033	0.034	0.114	0.	0.001	0.024	0.003	0.02	0.045	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	49	0.02	0.025	0.09	0.	0.	0.019	0.004	0.01	0.037	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	45	3.6	3.916	10.6	0.	3.901	1.975	1.8	2.85	4.65	6.8

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	49	3.4	3.518	7.9	0.	2.67	1.634	1.6	2.35	4.4	5.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	62	120.	117.387	190.	0.	1704.241	41.282	57.3	97.75	142.	167.7
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	46	2.35	2.433	4.9	0.5	1.364	1.168	0.9	1.5	3.225	4.4
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/10/95	12 ##	2.5	2.375	2.5	1.	0.188	0.433	1.45	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/10/95	12 ##	5.	4.792	5.	2.5	0.521	0.722	3.25	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/10/95	12 ##	12.5	10.625	12.5	5.	11.506	3.392	5.	6.875	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/10/95	12	309.	437.5	1480.	117.	134170.091	366.292	138.	218.75	559.	1224.1
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/10/95	12 ##	25.	15.625	25.	2.5	134.233	11.586	2.5	2.5	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/10/95	12	15.	34.25	203.	6.	3022.75	54.98	6.9	10.	33.75	158.3
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	39	230.	533.795	2400.	20.	369227.694	607.641	80.	217.	944.	1520.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	39	2.362	2.504	3.38	1.301	0.205	0.452	1.903	2.336	2.975	3.182
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			318.995								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/10/95	13 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	63	10.	13.667	132.	3.	271.613	16.481	5.	8.	14.	21.6

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/03/96	244	18.8	19.102	29.7	8.1	25.444	5.044	11.55	15.6	23.475	25.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/03/96	37	1.	0.954	1.4	0.1	0.088	0.296	0.56	0.8	1.15	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/03/96	237	262.	284.865	659.	174.	7335.287	85.646	212.8	240.	300.	344.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/03/96	244	7.3	7.394	14.	0.	7.389	2.718	4.1	6.	9.375	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/03/96	34	1.65	1.691	4.1	0.	0.729	0.854	0.5	1.175	2.325	2.6
00400	PH (STANDARD UNITS)	10/12/83-12/03/96	222	7.5	7.64	8.9	6.4	0.245	0.495	7.	7.3	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/03/96	222	7.5	7.4	8.9	6.4	0.302	0.55	7.	7.3	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/03/96	222	0.032	0.04	0.398	0.001	0.002	0.046	0.004	0.01	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/03/96	37	67.	69.946	100.	7.	318.497	17.846	49.6	62.	82.5	92.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/03/96	26	6.5	7.091	28.	0.	42.513	6.52	0.02	2.	9.75	17.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-06/04/96	31	0.094	0.119	0.641	0.02	0.016	0.126	0.02	0.02	0.15	0.281
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/11/95	30	0.021	0.023	0.062	0.005	0.	0.014	0.005	0.013	0.03	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-12/03/96	28	1.07	0.998	1.46	0.3	0.101	0.317	0.3	0.828	1.178	1.339
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/08/92	19	0.639	0.608	0.935	0.05	0.042	0.206	0.412	0.492	0.754	0.86
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/08/92	19	0.056	0.055	0.088	0.013	0.001	0.023	0.015	0.042	0.077	0.084
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/08/92	17	0.04	0.036	0.08	0.005	0.	0.021	0.005	0.018	0.046	0.074
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-11/15/94	26	0.01	0.013	0.044	0.003	0.	0.012	0.003	0.004	0.02	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/05/94	22	3.5	3.882	13.3	1.5	6.065	2.463	1.83	2.75	4.	6.81
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/05/94	26	3.15	3.142	8.	0.5	3.103	1.761	1.07	1.675	3.625	5.49
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/31/84-12/03/96	37	101.	102.892	154.	10.	1154.044	33.971	62.2	84.	125.	146.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-06/06/95	21	1.7	1.8	5.1	0.1	1.611	1.269	0.1	0.9	2.75	3.08
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/10/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/10/95	7 ##	5.	8.857	32.	5.	104.143	10.205	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/10/95	7 ##	5.	8.214	12.5	5.	16.071	4.009	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/10/95	7	285.	395.571	1320.	86.	184635.952	429.693	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/10/95	7 ##	25.	21.786	25.	2.5	72.321	8.504	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/10/95	7	20.	35.571	97.	6.	1277.286	35.739	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/15/86-01/10/95	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	22	57.	157.182	900.	10.	49005.203	221.371	10.	21.5	230.	497.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/03/96	22	1.736	1.818	2.954	1.	0.368	0.606	1.	1.332	2.362	2.696
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			65.772								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/10/95	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/03/96	37	10.	11.946	66.	3.	115.664	10.755	4.8	7.	12.	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

Station Inventory for Station: NACC0074

NPS Station ID: NACC0074
LAT/LON: 38.873892/ -77.041392
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT 14TH ST. BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-002 /002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	110	23.	19.765	30.8	2.	63.039	7.94	7.	14.875	25.275	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	28	13.	17.779	45.	2.	197.702	14.061	4.25	7.55	30.	42.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	17	10.	18.829	125.	2.7	815.533	28.558	3.58	6.55	19.5	53.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	47	22.	25.234	108.	4.	337.661	18.376	9.6	14.	30.	44.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	24	0.75	0.689	1.27	0.25	0.086	0.294	0.285	0.363	0.86	1.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	15	360.	341.533	513.	200.	5302.552	72.819	218.	300.	369.	439.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	9	7.6	7.522	9.9	4.6	2.292	1.514	4.6	6.65	8.55	9.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	108	8.65	9.135	14.5	2.5	6.543	2.558	6.47	7.525	10.975	13.21
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	24	1.75	2.1	4.3	0.5	1.278	1.131	0.5	1.325	2.975	3.95
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.6	7.69	9.13	6.45	0.387	0.622	6.675	7.435	8.04	8.456
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	20	7.6	7.284	9.13	6.45	0.56	0.748	6.675	7.435	8.04	8.456
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	20	0.025	0.052	0.355	0.001	0.008	0.088	0.004	0.009	0.037	0.214
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/16/80	6	0.075	0.073	0.09	0.05	0.	0.014	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	22	0.03	0.053	0.204	0.01	0.003	0.053	0.02	0.02	0.067	0.159
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	83	0.07	0.09	0.45	0.001	0.007	0.081	0.024	0.045	0.11	0.141
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	24	0.012	0.013	0.025	0.005	0.	0.006	0.005	0.006	0.017	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	24	0.575	0.69	1.55	0.07	0.139	0.373	0.215	0.43	0.978	1.25
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	25	0.263	0.252	0.477	0.001	0.017	0.13	0.1	0.1	0.355	0.433
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	107	0.518	0.595	2.6	0.085	0.121	0.348	0.264	0.391	0.711	1.039
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	84	0.845	0.825	1.82	0.001	0.187	0.432	0.245	0.468	1.148	1.35
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	97	0.29	0.325	0.79	0.04	0.024	0.154	0.15	0.21	0.42	0.562
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	12	0.095	0.113	0.19	0.02	0.004	0.063	0.026	0.063	0.18	0.187
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	84	0.11	0.138	0.62	0.007	0.014	0.12	0.02	0.06	0.18	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	13	0.067	0.073	0.168	0.044	0.001	0.03	0.048	0.059	0.072	0.134
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	13	0.025	0.034	0.092	0.014	0.	0.022	0.015	0.02	0.038	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	13	0.012	0.02	0.084	0.004	0.001	0.025	0.004	0.004	0.026	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	90	5.85	6.392	47.6	0.5	25.994	5.098	2.82	4.375	7.225	9.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/22/79	8 ##	0.95	1.45	3.2	0.5	1.409	1.187	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	53	21.9	21.908	33.2	10.3	25.358	5.036	14.68	18.3	25.15	28.18
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/71-06/30/71	2	68.	68.	68.	68.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3003.	2946.	3910.	1760.	502160.	708.632	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	12245.	12245.	24000.	490.	276360050.	16624.08	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.535	3.535	4.38	2.69	1.428	1.195	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			3429.286								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	1300.	1206.667	2300.	20.	1306133.333	1142.862	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/70-10/09/79	3	3.114	2.592	3.362	1.301	1.266	1.125	**	**	**	**

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

Parameter Inventory for Station: NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			391.051								
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	10	0.022	0.023	0.067	0.003	0.	0.022	0.003	0.003	0.038	0.065
32237	PIGMENTS, PHEAD (MG/L)	06/30/71-06/30/71	2	68.	68.	68.	68.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.089	0.097	0.321	0.02	0.008	0.09	0.02	0.02	0.146	0.271

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

EPA Water Quality Criteria Analysis for Station: NACC0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	28	0	0.00	11	0	0.00	7	0	0.00	10	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	1	0.06	13	1	0.08				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	9	0	0.00	8	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	108	3	0.03	41	3	0.07	26	0	0.00	41	0	0.00			
00400	PH	Fresh Chronic	9.	20	1	0.05	13	1	0.08	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	20	1	0.05	13	1	0.08	2	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	24	0	0.00	18	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	24	0	0.00	18	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	84	0	0.00	23	0	0.00	26	0	0.00	35	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									

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

Annual Analysis for 1970 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	27	23.	20.074	26.5	4.	37.937	6.159	8.	17.	24.5	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	8.45	8.423	13.2	3.8	6.442	2.538	4.31	6.5	10.225	12.27
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	23	0.052	0.098	0.45	0.001	0.011	0.103	0.014	0.028	0.14	0.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	23	0.875	0.899	2.6	0.085	0.319	0.565	0.147	0.494	1.144	1.668
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	24	0.87	0.757	1.35	0.12	0.15	0.387	0.21	0.39	1.103	1.235
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	24	0.425	0.417	0.75	0.19	0.026	0.16	0.215	0.273	0.488	0.68
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	24	0.205	0.215	0.56	0.07	0.02	0.14	0.08	0.103	0.288	0.495
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	16	6.65	9.112	47.6	2.8	109.569	10.468	3.22	5.325	9.025	21.28

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

Annual Analysis for 1971 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	19.5	17.5	28.	2.5	92.25	9.605	2.7	8.	27.	27.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	12	9.4	8.95	14.4	2.5	15.901	3.988	2.74	5.3	11.85	14.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	12	0.085	0.138	0.426	0.045	0.018	0.135	0.047	0.065	0.134	0.423
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	11	0.658	0.596	1.164	0.098	0.113	0.337	0.118	0.264	0.77	1.142
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	12	0.495	0.677	1.82	0.02	0.361	0.601	0.023	0.243	1.28	1.682
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.245	0.274	0.48	0.14	0.015	0.124	0.143	0.16	0.373	0.474
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	11	0.12	0.138	0.31	0.03	0.008	0.092	0.032	0.07	0.16	0.306
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	10	5.35	5.06	8.1	1.2	6.2	2.49	1.23	2.7	7.2	8.07

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

Annual Analysis for 1972 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	15	13.5	16.	25.	3.	69.071	8.311	3.6	7.	24.5	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	15	10.4	10.38	14.2	6.8	6.48	2.546	7.16	8.4	13.3	14.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	15	0.07	0.075	0.138	0.015	0.001	0.035	0.027	0.045	0.1	0.13
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	15	0.569	0.568	0.76	0.41	0.012	0.11	0.422	0.48	0.638	0.76
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	15	1.1	1.038	1.5	0.53	0.094	0.307	0.542	0.82	1.2	1.494
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	15	0.24	0.307	0.79	0.16	0.03	0.174	0.16	0.19	0.31	0.676
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	15	0.09	0.144	0.62	0.05	0.02	0.142	0.05	0.07	0.18	0.374
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	15	5.9	7.247	14.4	4.2	9.748	3.122	4.44	5.2	8.4	13.38

** - 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 1973 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	18	16.	16.528	27.	5.	53.896	7.341	5.9	10.	24.	26.1
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	18	9.5	9.694	13.3	6.7	4.266	2.066	6.88	8.	11.55	13.21
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	18	0.073	0.074	0.14	0.001	0.001	0.036	0.036	0.045	0.099	0.131
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	18	0.582	0.551	0.97	0.263	0.04	0.2	0.321	0.379	0.692	0.887
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	18	0.97	0.907	1.63	0.3	0.149	0.386	0.327	0.607	1.15	1.63
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	18	0.285	0.318	0.62	0.14	0.024	0.156	0.14	0.195	0.413	0.575
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	18	0.09	0.101	0.19	0.01	0.003	0.056	0.019	0.058	0.163	0.181
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	18	5.7	5.989	10.1	3.2	3.889	1.972	3.2	4.575	7.075	10.01

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

Annual Analysis for 1974 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	9	24.	18.444	28.	2.	114.34	10.693	2.	6.	27.	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	9	8.5	9.444	14.2	5.8	9.273	3.045	5.8	7.05	12.65	14.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	9	0.06	0.07	0.125	0.022	0.002	0.04	0.022	0.033	0.115	0.125
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	9	0.518	0.553	0.848	0.308	0.027	0.166	0.308	0.459	0.673	0.848
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	9	0.54	0.512	1.07	0.001	0.177	0.421	0.001	0.06	0.94	1.07
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	0.25	0.276	0.42	0.14	0.01	0.101	0.14	0.195	0.375	0.42
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	9	0.02	0.036	0.11	0.007	0.002	0.042	0.007	0.01	0.07	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	7.3	7.567	11.1	4.3	5.018	2.24	4.3	5.75	9.6	11.1

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

Annual Analysis for 1975 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.5	27.25	29.	25.	2.917	1.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	7.75	7.85	9.1	6.8	0.977	0.988	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	4	0.108	0.097	0.127	0.044	0.001	0.037	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	4	0.513	0.541	0.642	0.496	0.005	0.068	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	4	0.955	0.975	1.28	0.71	0.086	0.292	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.315	0.335	0.5	0.21	0.022	0.148	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	4	0.095	0.1	0.19	0.02	0.007	0.083	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	4	6.3	5.875	9.2	1.7	9.782	3.128	**	**	**	**

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

Annual Analysis for 1976 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	15.5	15.5	28.	3.	312.5	17.678	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	11.3	11.3	14.5	8.1	20.48	4.525	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.076	0.076	0.076	0.076	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	2	0.434	0.434	0.515	0.353	0.013	0.115	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	2	1.29	1.29	1.34	1.24	0.005	0.071	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.24	0.24	0.44	0.04	0.08	0.283	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	2	0.08	0.08	0.14	0.02	0.007	0.085	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	2	4.7	4.7	5.5	3.9	1.28	1.131	**	**	**	**

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

Annual Analysis for 1977 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	1	0.719	0.719	0.719	0.719	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	24.1	22.742	30.	14.5	25.154	5.015	15.25	17.7	27.25	29.31
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	8.9	8.918	11.	6.9	1.476	1.215	6.9	8.5	9.7	10.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	12	0.389	0.405	0.602	0.263	0.014	0.12	0.263	0.283	0.509	0.592
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.27	0.283	0.6	0.14	0.014	0.12	0.143	0.215	0.318	0.525
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	9	4.4	3.856	7.1	0.5	4.513	2.124	0.5	2.1	4.9	7.1

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

Annual Analysis for 1980 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	6	28.5	28.2	30.8	25.2	4.892	2.212	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	7.6	7.6	8.7	6.7	0.69	0.831	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	5	0.283	0.296	0.388	0.218	0.006	0.077	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	6	2.85	2.967	3.6	2.6	0.171	0.413	**	**	**	**

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

Annual Analysis for 1981 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.5	25.	29.2	19.4	12.515	3.538	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	5	9.8	9.44	11.7	7.5	2.913	1.707	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	7	0.451	0.415	0.49	0.269	0.01	0.099	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	45	25.9	25.62	30.8	14.5	9.677	3.111	22.8	24.25	27.85	29.08
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	16	20.	20.063	37.	4.	83.263	9.125	8.9	12.25	26.25	34.9
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	41	7.6	7.434	11.7	2.5	3.774	1.943	4.16	6.75	8.65	9.82
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	18	2.4	2.356	4.3	0.5	1.259	1.122	0.95	1.375	3.075	4.03
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.5	7.584	9.13	6.45	0.521	0.721	6.53	7.1	8.005	8.846
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.5	7.147	9.13	6.45	0.727	0.853	6.53	7.1	8.005	8.846
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.032	0.071	0.355	0.001	0.011	0.105	0.002	0.01	0.088	0.302
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	23	0.104	0.132	0.45	0.001	0.015	0.124	0.024	0.065	0.13	0.422
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	19	0.269	0.254	0.477	0.001	0.017	0.132	0.1	0.1	0.351	0.476
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	42	0.513	0.608	1.966	0.218	0.106	0.325	0.273	0.405	0.735	1.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	23	0.57	0.59	1.5	0.001	0.2	0.447	0.024	0.12	0.83	1.236
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	32	0.31	0.351	0.6	0.14	0.017	0.131	0.196	0.24	0.47	0.56
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	24	0.145	0.157	0.56	0.01	0.025	0.159	0.01	0.03	0.205	0.495
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	34	6.2	6.224	14.4	0.5	9.796	3.13	2.6	4.05	7.7	10.05
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	18	24.5	24.728	33.2	19.1	17.09	4.134	19.37	21.45	26.925	31.22

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	25	7.5	8.68	20.	2.	28.581	5.346	2.8	3.75	13.25	17.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	12	31.5	37.25	108.	4.	924.205	30.401	4.6	15.5	49.	99.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	12.4	11.931	14.5	6.2	5.524	2.35	7.97	10.8	13.925	14.4
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	25	0.065	0.083	0.217	0.015	0.002	0.049	0.038	0.045	0.111	0.154
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	24	0.449	0.47	1.21	0.085	0.069	0.263	0.185	0.329	0.532	0.95
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	26	1.095	1.063	1.82	0.29	0.183	0.427	0.3	0.833	1.353	1.63
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	26	0.25	0.29	0.75	0.04	0.03	0.174	0.14	0.16	0.348	0.636
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	25	0.1	0.126	0.3	0.02	0.007	0.084	0.038	0.07	0.16	0.29
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	24	5.5	7.246	47.6	1.2	79.644	8.924	2.15	4.05	6.975	10.4
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	16	21.95	21.469	28.3	13.9	20.87	4.568	14.39	16.6	24.325	27.6

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	40	21.	20.105	28.	8.	29.239	5.407	10.65	16.4	24.425	25.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	19	22.	22.	44.	8.	97.667	9.883	10.	14.	27.	37.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	41	8.9	9.063	12.	5.	2.225	1.492	7.5	8.2	9.9	11.48
00310	BOD, 5 DAY, 20 DEG C MG/L	07/13/70-09/15/81	6	1.4	1.333	2.7	0.5	0.659	0.812	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.95	8.002	8.46	7.6	0.114	0.337	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	5	7.95	7.907	8.46	7.6	0.125	0.353	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	5	0.011	0.012	0.025	0.003	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	35	0.059	0.068	0.2	0.001	0.002	0.048	0.019	0.029	0.09	0.14
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	6	0.232	0.245	0.404	0.1	0.019	0.138	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/15/81	41	0.61	0.654	2.6	0.098	0.16	0.4	0.27	0.449	0.76	1.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	35	0.82	0.802	1.34	0.24	0.112	0.335	0.256	0.45	1.11	1.15
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	39	0.29	0.328	0.79	0.14	0.025	0.158	0.15	0.21	0.43	0.62
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	35	0.1	0.133	0.62	0.007	0.013	0.113	0.026	0.07	0.18	0.266
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/16/80	32	5.95	5.931	11.3	0.5	4.295	2.072	3.26	4.625	7.075	8.37
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-12/02/76	19	19.	19.605	28.	10.3	26.004	5.099	11.1	17.3	24.5	27.4

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

Station Inventory for Station: NACC0075

NPS Station ID: NACC0075
Location: POTOMAC RIVER AT 14TH ST. BRIDGE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER BASIN
RF1 Index: 02070010032
RF3 Index: 02070010003201.47
Description:

LAT/LON: 38.873892/ -77.041392
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 1.510
RF3 Mile Point: 2.29

Agency: 11121WWQ
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POT-TRANS-002
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.04

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: NACC0075

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: NACC0076

NPS Station ID: NACC0076 LAT/LON: 38.874170/ -77.040282 Agency: 21VASWCB Date Created: / /
Location: 14TH STREET BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1APOT113.49 /VA1A06UX0104/VA1A3X0104
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: 02-NORTH-ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: 1-POTOMAC-SHENANDOAH ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.380 Distance from RF1: 1.10 On/Off RF1: OFF
RF3 Index: 02070010002500.00 RF3 Mile Point: 2.13 Distance from RF3: 0.14 On/Off RF3:
Description:
VIRGINIA STATE WATER CONTROL BOARD AMBIENT MONITORING BASIN: 1A POTOMAC REGION: 3 NORTHERN VIRGINIA
RIVER: POTOMAC RIVER SECTION: 06U TOPO MAP #: 0032 TOPO MAP NAME: ALEXANDRIA, VA - DC - MD

Parameter Inventory for Station: NACC0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	50	25.6	23.458	31.1	2.6	42.506	6.52	15.65	20.175	27.8	29.94
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	48	8.85	8.804	13.4	5.5	2.973	1.724	6.77	7.65	9.8	10.61
00310	BOD, 5 DAY, 20 DEG C MG/L	10/17/78-06/20/79	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	50	8.8	8.618	9.7	7.2	0.349	0.591	7.7	8.3	9.	9.3
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	50	8.8	8.184	9.7	7.2	0.542	0.736	7.7	8.3	9.	9.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	50	0.002	0.007	0.063	0.	0.	0.011	0.001	0.001	0.005	0.02
00403	PH, LAB, STANDARD UNITS SU	06/28/77-06/28/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/28/77-06/28/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/77-06/28/77	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/17/78-10/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/17/78-10/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/17/78-10/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	45 ##	0.05	0.083	0.3	0.005	0.004	0.06	0.05	0.05	0.1	0.15
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	45	0.01	0.014	0.1	0.005	0.	0.015	0.005	0.005	0.02	0.024
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/13/72-07/13/77	36	0.62	0.692	1.679	0.01	0.213	0.462	0.114	0.285	1.049	1.492
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	45	0.4	0.492	2.199	0.05	0.116	0.341	0.2	0.3	0.6	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-06/20/79	9	0.7	0.781	1.5	0.025	0.235	0.484	0.025	0.45	1.25	1.5
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/17/78-06/20/79	3	4.	5.667	9.	4.	8.333	2.887	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-06/28/77	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/72-06/12/73	3	8.	10.333	16.	7.	24.333	4.933	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/21/72-06/28/77	4 ##	1.25	1.375	2.5	0.5	0.729	0.854	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/21/72-06/28/77	6 ##	5.	4.25	5.	0.5	3.375	1.837	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/21/72-06/28/77	7 ##	5.	7.857	20.	5.	32.143	5.669	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/21/72-06/28/77	7 ##	5.	10.	30.	5.	83.333	9.129	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/21/72-06/28/77	6 ##	5.	5.917	10.	1.5	11.642	3.412	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/73-06/28/77	4 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/21/72-06/28/77	7	10.	12.143	30.	5.	90.476	9.512	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/28/75-06/29/76	2	235.	235.	430.	40.	76050.	275.772	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/28/75-06/29/76	2	2.118	2.118	2.633	1.602	0.532	0.729	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			131.149								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	50	100.	707.64	6000.	5.	2165309.704	1471.499	50.	50.	400.	2990.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	50	2.	2.206	3.778	0.699	0.509	0.714	1.699	1.699	2.602	3.476

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

Parameter Inventory for Station: NACC0076

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 =			160.839								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	21	0.	0.06	0.3	0.	0.008	0.092	0.	0.	0.1	0.2
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	45 ##	0.05	0.074	0.8	0.05	0.013	0.112	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	45 ##	0.02	0.029	0.1	0.005	0.	0.022	0.005	0.01	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	05/21/72-06/28/77	7 ##	0.25	0.357	1.	0.25	0.08	0.283	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0076

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	29	0	0.00	4	0	0.00	15	0	0.00			
00400	PH	Fresh Chronic	9.	50	17	0.34	29	8	0.28	4	1	0.25	17	8	0.47			
		Other-Lo Lim.	6.5	50	0	0.00	29	0	0.00	4	0	0.00	17	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	45	0	0.00	27	0	0.00	3	0	0.00	15	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	0	0.00	22	0	0.00	2	0	0.00	12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	5	0	0.00	1	0	0.00	3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1 &	0	0.00	1	0	0.00									
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	1	0.14	3	1	0.33	1	0	0.00	3	0	0.00			
		Drinking Water	1300.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	15.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	5000.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	50	21	0.42	30	12	0.40	3	1	0.33	17	8	0.47			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	21	8	0.38	12	5	0.42				9	3	0.33			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water	2.	7	0	0.00	3	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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	29	26.1	25.034	31.1	2.6	45.079	6.714	18.9	24.4	28.6	31.
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	29	8.	8.417	13.4	5.5	3.477	1.865	5.6	7.45	9.7	10.4
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	29	8.8	8.621	9.5	7.5	0.269	0.519	7.7	8.45	9.	9.1
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	29	8.8	8.272	9.5	7.5	0.395	0.628	7.7	8.45	9.	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	29	0.002	0.005	0.032	0.	0.	0.008	0.001	0.001	0.004	0.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	27	0.07	0.089	0.3	0.005	0.004	0.06	0.046	0.05	0.1	0.184
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	27	0.01	0.016	0.1	0.005	0.	0.019	0.005	0.005	0.02	0.032
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	27	0.5	0.581	2.199	0.2	0.153	0.391	0.3	0.4	0.6	1.02
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	30	100.	742.733	6000.	5.	2196148.616	1481.941	18.5	50.	525.	2990.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	30	2.	2.18	3.778	0.699	0.612	0.783	1.228	1.699	2.69	3.476
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			151.469								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	12	0.	0.075	0.3	0.	0.011	0.106	0.	0.	0.175	0.27
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	27 ##	0.05	0.083	0.8	0.05	0.021	0.144	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	27 ##	0.02	0.027	0.05	0.005	0.	0.02	0.005	0.01	0.05	0.05

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	4	16.35	14.425	17.2	7.8	20.149	4.489	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	4	10.1	10.55	12.6	9.4	1.977	1.406	**	**	**	**
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	4	8.5	8.375	9.3	7.2	0.756	0.869	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	4	8.5	7.757	9.3	7.2	1.264	1.124	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	4	0.003	0.017	0.063	0.001	0.001	0.03	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	3 ##	0.05	0.06	0.08	0.05	0.	0.017	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	3	0.2	0.333	0.6	0.2	0.053	0.231	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	3 ##	50.	1900.	5600.	50.	10267500.	3204.294	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	3 ##	1.699	2.382	3.748	1.699	1.4	1.183	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			241.014								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	3	0.02	0.027	0.05	0.01	0.	0.021	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-06/20/79	17	23.3	22.894	30.	14.4	22.266	4.719	16.48	18.9	27.4	29.52
00300	OXYGEN, DISSOLVED MG/L	03/13/72-06/20/79	15	9.	9.087	11.6	6.5	1.337	1.156	7.28	8.8	9.4	10.94
00400	PH (STANDARD UNITS)	03/13/72-06/20/79	17	8.8	8.671	9.7	7.5	0.44	0.663	7.66	8.	9.15	9.54
00400	CONVERTED PH (STANDARD UNITS)	03/13/72-06/20/79	17	8.8	8.22	9.7	7.5	0.655	0.81	7.66	8.	9.15	9.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/72-06/20/79	17	0.002	0.006	0.032	0.	0.	0.009	0.	0.001	0.01	0.022
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/13/72-06/20/79	15 ##	0.05	0.079	0.3	0.05	0.004	0.066	0.05	0.05	0.09	0.198
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/13/72-06/20/79	15	0.01	0.011	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.024
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/13/72-06/20/79	15	0.3	0.363	0.9	0.05	0.036	0.189	0.14	0.3	0.4	0.72
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	17	150.	435.294	4300.	50.	1019613.971	1009.759	50.	50.	350.	1340.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/13/72-06/20/79	17	2.176	2.221	3.633	1.699	0.267	0.517	1.699	1.699	2.54	2.949
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			166.495								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/21/72-06/20/79	9	0.	0.039	0.2	0.	0.005	0.07	0.	0.	0.075	0.2
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	03/13/72-06/20/79	15 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.05	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/13/72-06/20/79	15 ##	0.03	0.033	0.1	0.005	0.001	0.026	0.005	0.01	0.05	0.07

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

Station Inventory for Station: NACC0077

NPS Station ID: NACC0077
Location: PO.R. 14TH ST.BR. WASH.,D.C.
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010032
RF3 Index: 02070010003202.39
Description:

LAT/LON: 38.874170/ -77.041671
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 1.510
RF3 Mile Point: 2.82

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 006 /006 /4A
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.08

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: NACC0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/67-01/30/67	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	4840.	6565.	16090.	490.	57084566.667	7555.433	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	3.331	3.39	4.207	2.69	0.654	0.809	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2452.682								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	1350.	1325.	2400.	200.	1300566.667	1140.424	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	3.017	2.929	3.38	2.301	0.276	0.525	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			849.097								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	120.	245.	700.	40.	93700.	306.105	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	2.073	2.148	2.845	1.602	0.269	0.518	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			140.709								

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

EPA Water Quality Criteria Analysis for Station: NACC0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	2	0.50				4	2	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

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

Station Inventory for Station: NACC0078

NPS Station ID: NACC0078 LAT/LON: 38.874170/ -77.042504 Agency: 21DCBAWQ Date Created: 09/13/86
Location: HIGHWAY BRIDGE MILE 94.50 D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): PMS21
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0094.50
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010032 RF1 Mile Point: 1.510 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02070010003202.39 RF3 Mile Point: 3.07 Distance from RF3: 0.07 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: HIGHWAY BRIDGE MILE 94.50 D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	1168	22.7	20.306	31.5	0.	50.43	7.101	10.	15.3	26.	28.11
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	38	15.	48.605	100.	0.	2292.57	47.881	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	232	0.9	0.928	3.4	0.	0.275	0.524	0.3	0.6	1.2	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	1120	313.	314.487	674.	119.	6168.834	78.542	218.	257.	363.	408.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	1159	8.	8.141	16.8	0.	5.626	2.372	6.	6.9	9.4	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	142	1.2	1.322	4.1	0.	0.741	0.861	0.5	0.5	1.8	2.8
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	1124	7.8	7.869	9.1	5.9	0.165	0.406	7.4	7.6	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	1124	7.8	7.667	9.1	5.9	0.206	0.453	7.4	7.6	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	1124	0.016	0.022	1.259	0.001	0.003	0.053	0.004	0.008	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	248	78.	78.065	124.	25.	389.421	19.734	50.	64.	92.	104.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	174	7.	17.129	736.	0.	3551.873	59.598	0.085	2.	14.	30.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	204	0.049	0.057	0.522	0.	0.003	0.054	0.02	0.02	0.072	0.112
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	182	0.012	0.015	0.086	0.005	0.	0.012	0.005	0.005	0.019	0.028
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	160	1.23	1.201	2.91	0.07	0.204	0.452	0.573	0.952	1.478	1.75
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	110	0.488	0.517	1.58	0.	0.069	0.263	0.22	0.349	0.658	0.817
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/21/95	2	2.11	2.11	2.17	2.05	0.007	0.085	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	24	1.15	1.308	4.1	0.3	0.695	0.833	0.55	0.725	1.65	2.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	107	0.075	0.093	1.24	0.	0.016	0.125	0.036	0.05	0.096	0.132
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	106	0.046	0.047	0.143	0.	0.001	0.027	0.013	0.03	0.065	0.081
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	177	0.024	0.028	0.13	0.	0.	0.022	0.004	0.01	0.04	0.057
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	94	3.65	3.951	17.3	0.	4.959	2.227	1.8	2.675	4.9	6.05
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	109	3.4	3.518	8.8	0.	2.414	1.554	1.6	2.4	4.7	5.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	247	130.	130.68	236.	29.	899.267	29.988	93.6	108.	152.	170.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	49.	46.667	66.	25.	424.333	20.599	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	134	2.5	2.438	8.9	0.01	2.585	1.608	0.5	1.2	3.2	3.85
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-10/01/91	16	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	6	## 2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	29	## 2.5	2.448	2.5	1.	0.078	0.279	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	29	## 5.	5.414	14.5	2.5	4.162	2.04	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	29	## 12.5	10.776	30.	5.	24.6	4.96	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	29	342.	697.776	2990.	79.	502825.457	709.102	169.	226.5	886.	1900.
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	29	## 25.	19.655	25.	2.5	93.18	9.653	2.5	15.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	28	26.5	45.982	240.	2.5	2850.546	53.391	4.75	12.5	47.	126.6

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

Parameter Inventory for Station: NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	22 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
04378	WAVE STATE CODE	02/12/96-12/08/97	177	1000.	1112.994	3000.	1000.	112159.733	334.903	1000.	1000.	1000.	2000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	91	944.	4112.692	120000.	80.	247018516.504	15716.823	230.	300.	2200.	7234.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	91	2.975	2.971	5.079	1.903	0.379	0.616	2.362	2.477	3.342	3.859
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			935.985								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	99	230.	691.263	17000.	10.	4279683.685	2068.74	20.	51.	460.	1400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	99	2.362	2.272	4.23	1.	0.443	0.666	1.301	1.708	2.663	3.146
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			186.866								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	20	710.	2223.	12200.	20.	11176348.421	3343.105	72.	340.	3485.	8840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	20	2.85	2.891	4.086	1.301	0.495	0.704	1.826	2.531	3.523	3.942
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			778.159								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	22	5300.	22031.818	154000.	700.	1624429891.775	40304.217	1400.	2150.	20600.	101600.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	22	3.72	3.859	5.188	2.845	0.412	0.642	3.146	3.332	4.314	4.956
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			7234.04								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/12/83-11/17/86	31	4.	9.113	41.	0.	105.962	10.294	0.5	2.	13.	24.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	31	4.	11.629	59.	0.	229.899	15.162	0.5	1.	18.	39.
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	29 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	248	11.	23.286	360.	3.	1539.776	39.24	5.	7.	19.	54.6

** - 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: NACC0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1159	47	0.04	520	13	0.03	223	26	0.12	416	8	0.02			
00400	PH	Fresh Chronic	9.	1124	11	0.01	504	0	0.00	223	2	0.01	397	9	0.02			
		Other-Lo Lim.	6.5	1124	3	0.00	504	0	0.00	223	0	0.00	397	3	0.01			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	182	0	0.00	61	0	0.00	65	0	0.00	56	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	160	0	0.00	55	0	0.00	57	0	0.00	48	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	24	0	0.00	6	0	0.00	9	0	0.00	9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	50.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
		Drinking Water	5.	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	29	1	0.03	11	1	0.09	11	0	0.00	7	0	0.00			
		Drinking Water	1300.	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
		Drinking Water	15.	7 &	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	28	4	0.14	10	2	0.20	11	0	0.00	7	2	0.29			
		Drinking Water	5000.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	22	0	0.00	8	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	22	0	0.00	8	0	0.00	10	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	90 &	36	0.40	29	11	0.38	39	16	0.41	22	9	0.41			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	99	56	0.57	34	21	0.62	40	22	0.55	25	13	0.52			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	17	0.85	5	4	0.80	9	8	0.89	6	5	0.83			
71900	MERCURY, TOTAL	Fresh Acute	2.4	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
		Drinking Water	2.	29	0	0.00	11	0	0.00	11	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	248	29	0.12	86	6	0.07	87	14	0.16	75	9	0.12			

& - 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 1983 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	9	18.8	16.189	18.9	6.5	27.776	5.27	6.5	13.05	18.9	18.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	3	0.9	0.833	1.2	0.4	0.163	0.404	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	3	249.	252.333	358.	150.	10824.333	104.04	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	9	8.1	8.967	12.3	8.	3.365	1.834	8.	8.	10.1	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	3	7.2	7.233	7.4	7.1	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	3	7.2	7.216	7.4	7.1	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	3	0.063	0.061	0.079	0.04	0.	0.02	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	3	90.	82.667	108.	50.	881.333	29.687	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	3 ##	2.	7.667	19.	2.	96.333	9.815	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	3	0.042	0.057	0.106	0.023	0.002	0.043	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	3 ##	0.005	0.007	0.011	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	3	1.3	1.3	1.64	0.96	0.116	0.34	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	3	0.254	0.289	0.393	0.22	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	3	0.084	0.088	0.102	0.077	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	3	0.058	0.061	0.084	0.042	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	3	0.045	0.048	0.066	0.032	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.3	3.567	4.6	1.8	2.363	1.537	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	5.3	5.267	8.8	1.7	12.603	3.55	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	3	3.7	3.533	5.2	1.7	3.083	1.756	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	3	2700.	3466.667	7000.	700.	10363333.333	3219.213	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	3	3.431	3.374	3.845	2.845	0.252	0.502	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2365.121								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	3	460.	333.333	490.	50.	60433.333	245.832	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	3	2.663	2.351	2.69	1.699	0.319	0.565	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			224.203								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	3	10.	15.667	28.	9.	114.333	10.693	**	**	**	**

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Annual Analysis for 1984 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	29	24.4	22.19	28.8	4.	61.095	7.816	8.8	14.35	28.55	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	5	0.5	0.64	1.4	0.2	0.233	0.483	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	12	216.5	220.583	342.	119.	3593.902	59.949	128.3	186.	256.75	326.7
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	29	7.7	8.014	13.4	5.	3.903	1.976	5.2	6.8	9.5	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	7	1.7	1.743	3.	0.5	0.743	0.862	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	15	7.8	7.52	8.3	7.	0.187	0.433	7.	7.1	7.8	8.12
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	15	7.8	7.342	8.3	7.	0.221	0.47	7.	7.1	7.8	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	15	0.016	0.045	0.1	0.005	0.001	0.038	0.008	0.016	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	7	70.	68.857	90.	48.	249.143	15.784	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	7	25.	27.429	71.	2.	641.286	25.324	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	8	0.046	0.056	0.152	0.02	0.002	0.042	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	8	0.012	0.016	0.054	0.005	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	8	1.435	1.3	2.07	0.07	0.44	0.663	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	8	0.315	0.394	0.753	0.051	0.062	0.25	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	8	0.072	0.097	0.21	0.046	0.003	0.057	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	8	0.034	0.033	0.077	0.006	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	8	0.023	0.021	0.045	0.004	0.	0.016	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	2.6	3.1	5.	1.9	1.575	1.255	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	3.	3.6	6.6	1.6	4.205	2.051	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	8	98.	105.25	140.	74.	613.643	24.772	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	2.3	2.055	3.3	0.3	1.275	1.129	0.42	1.	3.2	3.28
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	4750.	19825.	120000.	1300.	1651496428.571	40638.608	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	3.676	3.823	5.079	3.114	0.35	0.592	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6649.161								

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Annual Analysis for 1984 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	230.	2287.778	17000.	10.	30687594.444	5539.638	10.	125.	1300.	17000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	2.362	2.523	4.23	1.	0.814	0.902	1.	2.067	3.114	4.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			333.048								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	8	19.5	41.875	120.	8.	1740.411	41.718	**	**	**	**

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Annual Analysis for 1985 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	18	18.5	15.6	19.	5.4	17.468	4.18	11.07	11.7	18.725	18.91
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	4	0.85	0.8	1.1	0.4	0.087	0.294	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	18	300.	341.167	473.	239.	9479.441	97.362	258.8	261.	472.25	473.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	18	8.5	9.15	12.7	7.1	3.581	1.892	7.19	7.275	11.1	11.35
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3 ##	0.5	0.733	1.2	0.5	0.163	0.404	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	14	7.8	7.779	8.1	7.5	0.019	0.137	7.6	7.7	7.825	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	14	7.8	7.759	8.1	7.5	0.019	0.138	7.6	7.7	7.825	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	14	0.016	0.017	0.032	0.008	0.	0.005	0.01	0.015	0.02	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	4	77.	80.	106.	60.	514.667	22.686	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	4	7.	14.75	39.	6.	261.583	16.174	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	4	0.061	0.109	0.294	0.02	0.016	0.125	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	0.015	0.014	0.017	0.01	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.205	1.27	1.8	0.87	0.2	0.447	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	4	0.539	0.503	0.577	0.358	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	4	0.095	0.107	0.178	0.061	0.002	0.05	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	4	0.063	0.062	0.084	0.038	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	4	0.054	0.048	0.062	0.022	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	2.6	3.433	7.2	0.5	11.743	3.427	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	2.6	2.833	4.9	1.	3.843	1.96	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	4	129.	138.	188.	106.	1469.333	38.332	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	9	2.5	2.378	3.5	1.2	0.872	0.934	1.2	1.5	3.35	3.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	1950.	17038.333	92000.	130.	1351123616.667	36757.633	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	3.286	3.409	4.964	2.114	0.859	0.927	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2565.215								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	230.	1837.143	11000.	10.	16479657.143	4059.514	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	2.362	2.205	4.041	1.	1.342	1.159	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			160.364								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	4	13.5	25.75	66.	10.	724.25	26.912	**	**	**	**

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Annual Analysis for 1986 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	74	23.5	22.005	29.5	1.5	46.559	6.823	13.4	18.8	27.825	28.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.9	0.983	2.3	0.1	0.217	0.466	0.55	0.7	1.15	1.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	74	377.	383.284	533.	212.	8160.672	90.336	273.	308.	461.25	522.5
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	73	6.6	6.337	13.6	0.2	7.133	2.671	0.94	6.	7.1	8.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.5	1.583	3.	0.5	0.671	0.819	0.5	1.025	2.	3.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	74	7.8	7.955	8.9	6.9	0.195	0.442	7.6	7.7	8.3	8.65
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	74	7.8	7.774	8.9	6.9	0.228	0.478	7.6	7.7	8.3	8.65
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	74	0.016	0.017	0.126	0.001	0.	0.017	0.002	0.005	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	80.	79.2	106.	58.	164.379	12.821	60.2	68.5	87.5	99.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	15	7.	6.933	13.	2.	9.781	3.127	2.	5.	10.	11.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	18 ##	0.02	0.039	0.125	0.	0.001	0.035	0.018	0.02	0.068	0.097

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Annual Analysis for 1986 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.021	0.02	0.034	0.005	0.	0.008	0.005	0.014	0.025	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.6	0.784	2.16	0.07	0.362	0.602	0.15	0.27	1.09	1.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	19	0.512	0.586	1.44	0.207	0.079	0.281	0.295	0.408	0.741	0.954
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	18	0.052	0.054	0.098	0.028	0.	0.02	0.033	0.036	0.068	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	18	0.031	0.03	0.068	0.004	0.	0.019	0.005	0.011	0.045	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18 ##	0.006	0.011	0.034	0.004	0.	0.011	0.004	0.004	0.018	0.034
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.2	3.233	5.6	1.5	1.662	1.289	1.59	2.15	4.15	5.39
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	2.75	2.925	3.9	1.8	0.597	0.772	1.92	2.25	3.8	3.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	130.	135.05	196.	88.	864.576	29.404	94.6	114.	162.	182.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	12	1.85	1.746	2.8	0.05	0.694	0.833	0.335	1.1	2.475	2.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	11	790.	844.545	2200.	80.	490947.273	700.676	96.	170.	1300.	2100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	11	2.898	2.738	3.342	1.903	0.224	0.474	1.963	2.23	3.114	3.32
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			546.699								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	50.	183.636	790.	10.	64225.455	253.427	12.	20.	330.	730.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	1.699	1.862	2.898	1.	0.407	0.638	1.06	1.301	2.519	2.856
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			72.792								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	11.	17.45	144.	5.	903.839	30.064	5.1	7.5	13.75	19.7

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Annual Analysis for 1987 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	98	22.95	19.604	29.1	2.5	56.28	7.502	8.3	12.8	26.1	27.78
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	19	0.9	0.926	1.9	0.1	0.192	0.438	0.2	0.7	1.3	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	98	258.5	284.133	435.	147.	6318.735	79.49	191.9	218.	327.	422.7
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	97	7.2	5.766	11.7	0.1	11.962	3.459	0.6	1.4	8.65	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.	1.267	3.	0.5	0.695	0.834	0.5	0.5	1.8	3.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	92	7.7	7.814	9.1	7.1	0.265	0.515	7.2	7.5	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	92	7.7	7.604	9.1	7.1	0.31	0.556	7.2	7.5	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	92	0.02	0.025	0.079	0.001	0.	0.021	0.005	0.008	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	76.	74.316	98.	40.	255.673	15.99	46.	62.	90.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	8	8.	113.75	736.	2.	65509.071	255.947	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20 ##	0.02	0.034	0.119	0.02	0.001	0.031	0.02	0.02	0.02	0.109
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	0.013	0.016	0.069	0.005	0.	0.016	0.005	0.005	0.02	0.044
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.305	1.278	1.9	0.43	0.175	0.418	0.657	1.07	1.708	1.768
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	6 ##	0.173	0.394	1.14	0.1	0.183	0.428	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	6	0.051	0.102	0.257	0.022	0.01	0.102	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	5	0.051	0.046	0.072	0.019	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	20	0.022	0.025	0.081	0.004	0.001	0.024	0.004	0.004	0.031	0.072
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	2.1	5.36	17.3	1.5	45.478	6.744	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.3	3.408	6.7	1.7	2.168	1.472	1.76	2.2	4.4	6.19
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	120.	118.632	158.	74.	591.579	24.322	90.	96.	140.	156.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	12.	23.053	180.	4.	1637.275	40.463	5.	7.	15.	66.

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

Annual Analysis for 1988 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	65	24.3	22.617	30.8	4.3	53.718	7.329	10.	20.85	27.95	30.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	17	0.9	0.865	2.1	0.1	0.232	0.482	0.18	0.55	1.1	1.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	65	377.	358.569	496.	158.	5445.093	73.791	251.	323.5	398.	437.4
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	64	6.6	6.925	11.9	3.6	3.423	1.85	4.25	5.925	7.65	9.65
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	8	1.4	1.45	2.8	0.5	0.631	0.795	**	**	**	**

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Annual Analysis for 1988 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	59	7.8	7.747	8.5	7.2	0.073	0.269	7.3	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	59	7.8	7.659	8.5	7.2	0.081	0.284	7.3	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	59	0.016	0.022	0.063	0.003	0.	0.016	0.01	0.013	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	18	84.	77.444	104.	36.	427.203	20.669	39.6	64.	94.5	100.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	4 ##	2.	2.5	4.	2.	1.	1.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.05	0.054	0.185	0.02	0.002	0.043	0.02	0.02	0.066	0.128
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.015	0.016	0.066	0.005	0.	0.014	0.005	0.005	0.02	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.97	1.004	1.83	0.49	0.132	0.363	0.5	0.74	1.28	1.54
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	2	0.273	0.273	0.306	0.239	0.002	0.047	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	1	0.064	0.064	0.064	0.064	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	15	0.021	0.019	0.033	0.004	0.	0.01	0.004	0.009	0.026	0.033
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.8	4.8	6.1	3.5	1.69	1.3	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	4.5	4.164	5.	2.9	0.577	0.759	2.96	3.5	4.8	4.98
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	18	121.	123.111	194.	60.	1205.281	34.717	65.4	102.5	153.	170.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	18	11.5	28.611	168.	5.	1771.546	42.09	5.9	8.75	24.75	103.2

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Annual Analysis for 1989 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	83	23.8	19.825	27.5	2.2	47.748	6.91	11.1	13.1	26.	26.52
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	19	0.7	0.795	2.1	0.2	0.237	0.487	0.3	0.4	1.	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	70	280.	273.329	339.	195.	1947.615	44.132	218.	221.5	323.5	332.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	83	8.5	8.898	13.7	3.2	2.425	1.557	7.5	7.9	10.1	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.1	1.017	1.8	0.5	0.187	0.432	0.5	0.5	1.3	1.68
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	83	7.8	7.878	9.1	7.4	0.093	0.304	7.6	7.7	8.	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	83	7.8	7.801	9.1	7.4	0.099	0.314	7.6	7.7	8.	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	83	0.016	0.016	0.04	0.001	0.	0.008	0.004	0.01	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	73.	70.5	86.	44.	166.263	12.894	50.2	60.5	81.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	18	13.	17.611	51.	2.	207.075	14.39	2.	7.	30.	45.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.044	0.056	0.265	0.02	0.003	0.058	0.02	0.02	0.072	0.115
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19 ##	0.005	0.01	0.024	0.005	0.	0.006	0.005	0.005	0.017	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.28	1.306	1.79	0.95	0.045	0.213	1.02	1.16	1.43	1.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	13	0.539	0.566	0.863	0.403	0.018	0.134	0.413	0.441	0.659	0.802
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	11	0.08	0.179	1.24	0.021	0.125	0.353	0.025	0.058	0.109	1.014
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	11	0.057	0.059	0.121	0.005	0.001	0.035	0.008	0.032	0.088	0.115
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18	0.023	0.034	0.075	0.008	0.	0.02	0.014	0.017	0.051	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.3	3.492	6.7	1.7	1.874	1.369	1.85	2.625	4.05	6.25
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.35	3.2	4.7	1.5	0.958	0.979	1.62	2.325	4.05	4.58
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	120.	115.	138.	78.	317.684	17.824	88.4	97.5	130.5	137.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	5	2.7	2.02	3.4	0.4	1.992	1.411	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	5	1100.	1192.	2800.	170.	952170.	975.792	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	5	3.041	2.932	3.447	2.23	0.196	0.442	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			854.287								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	260.	235.	330.	45.	12850.	113.358	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	2.415	2.288	2.519	1.653	0.13	0.36	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			194.07								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	13.	19.2	60.	4.	260.274	16.133	4.	7.	27.75	52.1

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Annual Analysis for 1990 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	118	19.35	18.717	27.9	1.2	48.599	6.971	7.98	13.3	25.2	26.12
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	21	0.6	0.667	1.9	0.	0.235	0.485	0.02	0.3	0.9	1.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	106	251.	267.981	409.	173.	3943.962	62.801	180.	238.	297.25	367.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	118	8.2	8.922	14.1	6.4	4.41	2.1	6.69	7.2	10.5	11.82
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.75	1.633	3.3	0.5	0.757	0.87	0.5	0.625	2.175	3.03
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	118	7.6	7.767	8.9	7.3	0.161	0.402	7.4	7.5	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	118	7.6	7.641	8.9	7.3	0.177	0.421	7.4	7.5	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	118	0.025	0.023	0.05	0.001	0.	0.013	0.005	0.01	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	66.	66.737	112.	28.	298.76	17.285	38.	60.	74.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	19	22.	24.421	79.	4.	268.591	16.389	8.	13.	29.	41.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.09	0.082	0.179	0.02	0.002	0.047	0.02	0.045	0.125	0.136
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.011	0.014	0.027	0.005	0.	0.008	0.005	0.005	0.018	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.35	1.353	1.92	0.68	0.118	0.344	0.8	1.13	1.61	1.84
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	19	0.566	0.535	1.08	0.	0.057	0.239	0.258	0.378	0.733	0.818
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	19	0.086	0.096	0.272	0.	0.005	0.067	0.02	0.043	0.115	0.226
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	19	0.054	0.052	0.143	0.	0.001	0.036	0.01	0.025	0.07	0.107
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18	0.034	0.038	0.11	0.004	0.001	0.028	0.004	0.02	0.052	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.7	4.142	8.3	0.	4.248	2.061	0.81	3.25	5.175	7.76
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.9	4.	6.8	0.	3.015	1.736	0.87	3.075	5.325	6.44
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	105.	109.9	156.	88.	300.832	17.344	92.2	100.	119.5	144.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	3.	2.655	3.5	0.4	0.943	0.971	0.56	2.6	3.3	3.46
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	1	4.041	4.041	4.041	4.041	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	3.041	3.041	3.041	3.041	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1100.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	23.	49.45	360.	6.	6186.155	78.652	14.1	15.25	39.75	121.8

** - 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 NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	110	25.45	22.607	30.4	3.7	47.468	6.89	12.3	16.4	28.325	29.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	22	0.9	0.836	1.6	0.	0.192	0.438	0.	0.775	1.125	1.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	110	345.	327.555	494.	189.	4006.653	63.298	225.	295.25	370.	382.9
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	110	7.9	8.302	13.8	0.	4.246	2.061	5.91	7.1	9.	10.89
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.25	1.36	4.1	0.5	1.265	1.125	0.5	0.5	1.625	3.92
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	110	7.9	7.82	8.5	7.3	0.151	0.389	7.3	7.5	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	110	7.9	7.668	8.5	7.3	0.175	0.418	7.3	7.5	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	110	0.013	0.021	0.05	0.003	0.	0.016	0.004	0.008	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	94.	93.579	124.	54.	384.702	19.614	64.	74.	108.	120.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	18	11.5	12.278	42.	2.	89.977	9.486	2.	5.	17.25	23.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.059	0.064	0.151	0.02	0.001	0.037	0.02	0.02	0.08	0.111
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.014	0.017	0.086	0.005	0.	0.018	0.005	0.005	0.019	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.15	1.132	2.03	0.5	0.159	0.399	0.5	0.83	1.34	1.67
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	19	0.555	0.572	1.58	0.196	0.09	0.299	0.205	0.418	0.68	0.808
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	19	0.073	0.085	0.388	0.038	0.006	0.077	0.039	0.048	0.089	0.124
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	19	0.048	0.048	0.083	0.	0.	0.019	0.031	0.034	0.062	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	19	0.027	0.029	0.073	0.003	0.	0.018	0.01	0.015	0.037	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.95	5.05	9.5	3.2	2.823	1.68	3.26	3.875	5.825	8.45
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	5.	4.908	6.2	3.2	0.975	0.988	3.26	4.1	5.775	6.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	146.	139.895	202.	88.	882.433	29.706	92.	118.	158.	182.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	12	2.45	2.375	3.8	0.4	1.188	1.09	0.55	1.4	3.325	3.77
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	12.	23.632	234.	8.	2604.801	51.037	8.	9.	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 1992 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	101	22.6	20.845	29.6	2.4	40.156	6.337	8.56	16.	26.	26.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	1.	0.972	2.4	0.3	0.253	0.503	0.3	0.55	1.225	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	101	302.	291.297	345.	192.	1670.731	40.875	214.	277.	320.	332.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	95	7.8	8.325	13.4	5.7	2.602	1.613	6.9	7.4	8.8	11.18
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.15	1.175	2.5	0.	0.617	0.785	0.15	0.5	1.875	2.35
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	101	7.8	7.811	9.	7.2	0.079	0.281	7.5	7.6	7.9	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	101	7.8	7.731	9.	7.2	0.085	0.292	7.5	7.6	7.9	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	101	0.016	0.019	0.063	0.001	0.	0.012	0.005	0.013	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	82.	82.9	110.	48.	335.989	18.33	51.	74.	100.5	104.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20	0.042	0.044	0.11	0.02	0.001	0.027	0.02	0.02	0.062	0.085
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19 ##	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.011	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.355	1.357	1.75	0.94	0.056	0.236	1.024	1.205	1.53	1.733
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	17	0.427	0.495	1.12	0.214	0.073	0.27	0.221	0.306	0.623	1.005
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	18	0.084	0.081	0.113	0.018	0.001	0.024	0.039	0.077	0.097	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	18	0.061	0.054	0.08	0.014	0.	0.021	0.025	0.033	0.069	0.079
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	20	0.04	0.04	0.063	0.	0.	0.016	0.015	0.029	0.053	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.8	3.608	5.2	0.	1.817	1.348	0.9	3.	4.5	5.11
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.05	3.033	5.1	0.	2.462	1.569	0.15	2.475	4.525	4.98
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	126.5	128.45	184.	82.	685.208	26.176	94.6	107.25	147.	170.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	19	2.5	2.411	4.1	0.1	1.123	1.06	0.4	1.9	3.	4.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	300.	448.75	1300.	230.	131098.214	362.075	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	2.477	2.569	3.114	2.362	0.068	0.261	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			370.607								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	230.	213.75	300.	80.	6369.643	79.81	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	2.362	2.293	2.477	1.903	0.043	0.208	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			196.429								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	13.5	24.15	78.	7.	492.029	22.182	8.	10.	29.75	75.6

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Annual Analysis for 1993 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	104	22.1	20.863	31.5	2.5	49.844	7.06	10.65	15.8	27.475	27.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	1.05	1.181	3.4	0.1	0.796	0.892	0.17	0.425	1.5	2.77
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	104	351.	333.577	450.	150.	3656.324	60.468	235.	284.75	377.	389.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	104	8.45	8.495	14.9	5.2	3.53	1.879	6.4	6.9	10.	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	11	1.3	1.527	3.1	0.5	1.226	1.107	0.5	0.5	2.6	3.1
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	96	7.8	7.968	9.	5.9	0.282	0.531	7.6	7.7	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	96	7.8	7.366	9.	5.9	0.648	0.805	7.6	7.7	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	96	0.016	0.043	1.259	0.001	0.03	0.173	0.002	0.005	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	88.	81.05	110.	36.	597.418	24.442	37.	61.	101.	107.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	11	0.07	0.086	0.3	0.02	0.006	0.076	0.02	0.05	0.1	0.26
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	17	0.05	0.055	0.14	0.02	0.001	0.039	0.02	0.02	0.08	0.124
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	12	0.018	0.02	0.05	0.005	0.	0.015	0.005	0.005	0.03	0.047
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.48	1.35	1.78	0.66	0.27	0.52	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.02	0.033	0.13	0.005	0.001	0.035	0.006	0.01	0.05	0.114
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.5	4.073	9.2	0.5	5.508	2.347	0.88	2.5	5.6	8.68
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	2.3	2.6	5.8	0.5	2.53	1.591	0.66	1.6	3.	5.66
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	137.	129.85	176.	76.	776.239	27.861	77.	120.25	147.5	162.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	16	2.55	2.644	4.4	0.6	1.159	1.076	0.95	1.9	3.45	4.26
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	10	300.	569.	2200.	230.	433454.444	658.373	230.	230.	550.	2110.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	10	2.477	2.593	3.342	2.362	0.118	0.343	2.362	2.362	2.636	3.32
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			391.485								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	230.	351.	1400.	130.	138032.222	371.527	140.	230.	300.	1290.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	2.362	2.438	3.146	2.114	0.072	0.268	2.139	2.362	2.477	3.079

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Annual Analysis for 1993 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			274.453								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	8.	25.368	170.	4.	1652.023	40.645	5.	5.	25.	70.

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Annual Analysis for 1994 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	98	19.9	19.012	29.9	0.4	64.397	8.025	5.67	14.675	26.1	27.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	0.95	0.962	1.7	0.4	0.105	0.324	0.54	0.725	1.1	1.56
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	98	321.5	309.378	408.	197.	2532.856	50.327	242.5	261.75	352.	356.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	98	8.1	9.017	15.6	5.	6.861	2.619	5.9	7.275	10.05	13.32
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.15	1.375	3.1	0.5	0.969	0.985	0.5	0.5	2.4	3.01
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	98	7.9	7.898	8.7	6.6	0.222	0.471	7.3	7.5	8.2	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	98	7.9	7.648	8.7	6.6	0.285	0.534	7.3	7.5	8.2	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	98	0.013	0.023	0.251	0.002	0.001	0.031	0.003	0.006	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	84.	86.2	124.	60.	351.958	18.761	60.	76.5	95.5	117.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	18	0.085	0.139	0.8	0.02	0.039	0.198	0.02	0.048	0.1	0.53
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	6	0.065	0.067	0.11	0.02	0.001	0.033	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	12	0.01	0.013	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	2	2.07	2.07	2.91	1.23	1.411	1.188	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	9	0.01	0.016	0.04	0.005	0.	0.012	0.005	0.005	0.025	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	3.8	3.65	5.3	1.7	2.357	1.535	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	2.55	2.275	3.1	0.9	0.989	0.995	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	142.	142.5	180.	98.	571.316	23.902	114.2	120.5	163.	176.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	28	1.2	2.586	8.9	0.01	7.794	2.792	0.3	0.55	3.1	8.45
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	22	944.	1347.636	7293.	230.	3815901.766	1953.433	230.	300.	944.	5480.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	22	2.975	2.904	3.863	2.362	0.167	0.409	2.362	2.477	2.975	3.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			800.788								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	201.5	484.333	1916.	22.	413905.623	643.355	36.5	58.25	783.	1784.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	2.3	2.305	3.282	1.342	0.367	0.606	1.525	1.756	2.851	3.25
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			201.78								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	8.5	12.4	65.	3.	189.726	13.774	4.1	5.25	13.	28.7

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Annual Analysis for 1995 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	86	19.55	18.8	30.4	0.	54.277	7.367	5.1	14.6	24.825	26.97
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	1.1	1.2	2.1	0.5	0.237	0.487	0.57	0.8	1.575	2.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	86	326.	348.093	507.	228.	6641.709	81.497	249.4	287.75	440.25	466.3
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	86	8.4	8.66	16.8	6.2	3.988	1.997	6.7	7.5	9.	12.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12 ##	0.75	1.067	2.8	0.5	0.599	0.774	0.5	0.5	1.35	2.65
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	86	7.9	7.909	8.4	7.4	0.066	0.256	7.6	7.7	8.2	8.23
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	86	7.9	7.839	8.4	7.4	0.071	0.266	7.6	7.7	8.2	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	86	0.013	0.014	0.04	0.004	0.	0.008	0.006	0.006	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	85.	83.9	114.	58.	185.463	13.618	68.2	74.5	90.	106.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	17	6.	6.529	17.	2.	22.765	4.771	2.	2.	9.	17.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	11	0.043	0.092	0.522	0.02	0.021	0.146	0.02	0.02	0.088	0.44
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	9 ##	0.007	0.014	0.033	0.005	0.	0.011	0.005	0.005	0.024	0.033
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.05	1.138	1.45	1.	0.044	0.21	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	2	0.041	0.041	0.055	0.026	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	131.	135.8	188.	94.	885.011	29.749	102.2	105.5	164.5	179.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	8	2.6	2.85	6.2	1.3	2.389	1.546	**	**	**	**

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Annual Analysis for 1995 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	9	500.	501.889	1100.	80.	155119.111	393.852	80.	131.5	922.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	9	2.699	2.537	3.041	1.903	0.19	0.436	1.903	2.099	2.965	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			344.288								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	50.5	118.6	500.	20.	22150.489	148.83	20.	21.5	179.75	470.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	1.703	1.823	2.699	1.301	0.23	0.479	1.301	1.332	2.254	2.659
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			66.566								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	5.	6.65	21.	3.	19.503	4.416	4.	4.	8.	12.9

** - 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 1996 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	72	23.45	20.344	27.	3.	34.714	5.892	12.5	16.825	25.	25.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.5	0.678	1.8	0.1	0.209	0.457	0.19	0.375	0.925	1.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	72	280.	273.069	421.	187.	2013.192	44.869	218.3	227.	308.25	331.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	72	8.5	8.974	14.3	7.2	1.888	1.374	7.4	8.1	9.5	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.1	1.422	3.5	0.5	1.147	1.071	0.5	0.55	2.15	3.5
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	72	7.9	8.035	8.9	7.3	0.17	0.412	7.6	7.7	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	72	7.9	7.885	8.9	7.3	0.192	0.439	7.6	7.7	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	72	0.013	0.013	0.05	0.001	0.	0.009	0.002	0.005	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	58.	63.	104.	25.	533.222	23.092	34.	46.	80.	104.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	15	10.	28.867	228.	0.	3316.695	57.591	0.6	3.	30.	129.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	7	0.049	0.051	0.124	0.002	0.001	0.038	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	152.	145.211	186.	29.	1178.287	34.326	120.	130.	168.	174.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	3000.	4166.25	11000.	230.	13588826.786	3686.303	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	3.477	3.403	4.041	2.362	0.299	0.547	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2529.473								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	500.	1060.	4000.	20.	1786720.	1336.682	24.	80.	1700.	3800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	2.699	2.586	3.602	1.301	0.57	0.755	1.361	1.903	3.23	3.577
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			385.578								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	20.	35.579	190.	3.	2352.035	48.498	5.	6.	40.	136.

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

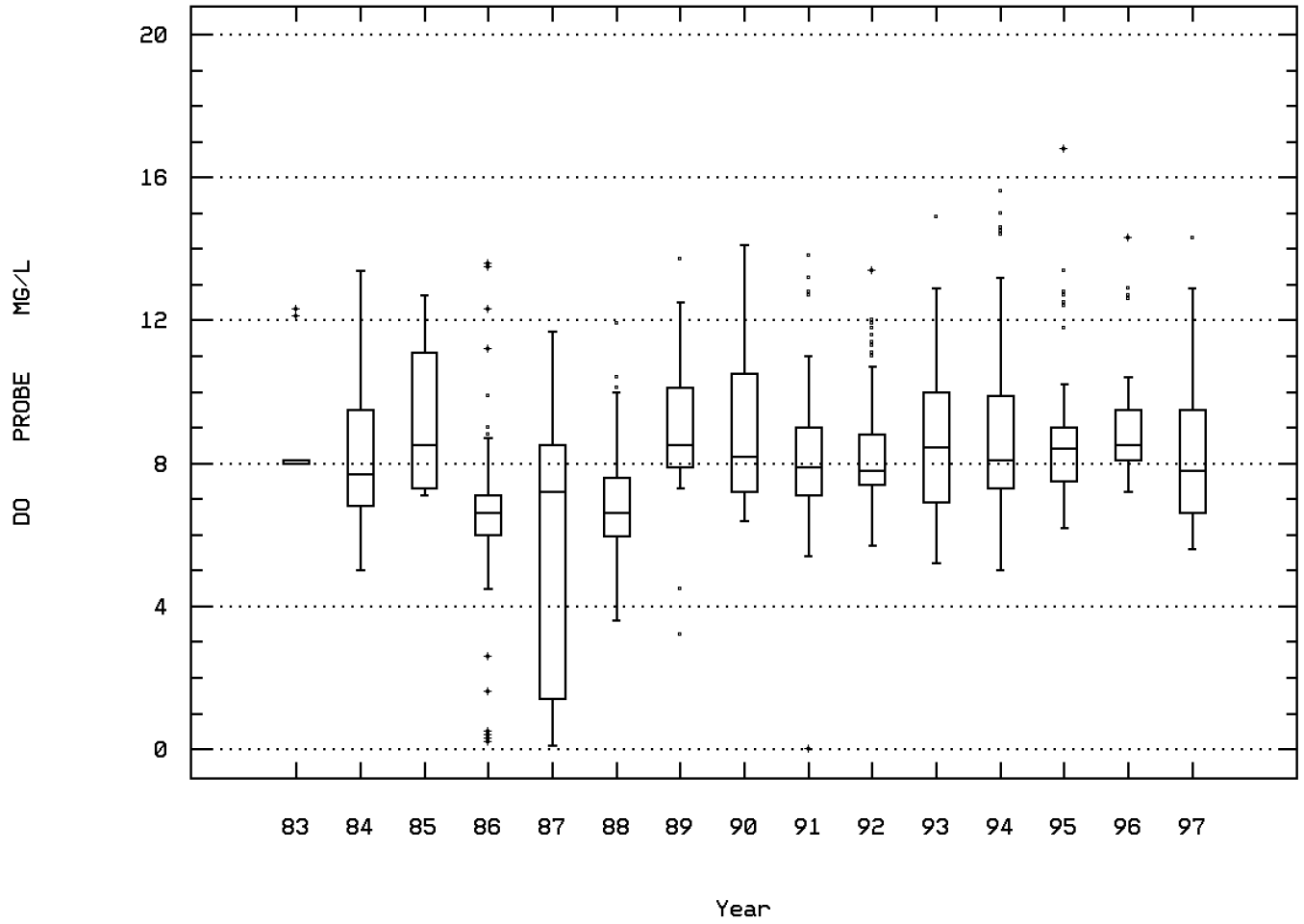
Annual Analysis for 1997 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	103	21.4	20.071	28.5	1.6	43.994	6.633	12.4	12.9	26.	28.06
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	20	1.2	1.285	2.3	0.5	0.241	0.491	0.53	1.	1.5	2.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	103	333.	345.301	674.	193.	11416.644	106.849	264.	293.	363.	415.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	103	7.8	8.141	14.3	5.6	3.18	1.783	6.1	6.6	9.5	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	0.85	1.09	2.8	0.3	0.663	0.814	0.3	0.375	1.725	2.7
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	103	8.	7.959	8.6	7.5	0.118	0.343	7.5	7.6	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	103	8.	7.842	8.6	7.5	0.132	0.363	7.5	7.6	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	103	0.01	0.014	0.032	0.003	0.	0.01	0.003	0.006	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	79.	79.3	116.	46.	382.747	19.564	50.6	64.	95.	105.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	16	5.	6.438	19.	2.	21.863	4.676	2.7	3.	8.	16.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	14	0.051	0.049	0.097	0.007	0.001	0.031	0.009	0.019	0.081	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	12	0.021	0.018	0.038	0.002	0.	0.012	0.002	0.007	0.028	0.036
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	149.	153.3	236.	102.	961.379	31.006	106.4	138.5	173.5	182.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	5.	7.579	25.	3.	26.146	5.113	5.	5.	10.	15.

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Station: NACC0078 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



HIGHWAY BRIDGE MILE 94.50 D.C.

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	521	25.1	24.896	31.5	15.2	12.666	3.559	19.5	23.3	27.5	29.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	84	0.9	0.888	2.1	0.	0.149	0.386	0.4	0.7	1.175	1.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	491	342.	341.847	533.	190.	3525.558	59.376	267.6	307.	376.	415.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	520	7.3	7.217	10.9	0.1	2.005	1.416	5.9	6.6	8.	8.5
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	46	1.3	1.324	3.1	0.5	0.524	0.724	0.5	0.5	1.8	2.36
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	504	7.8	7.853	8.8	7.	0.098	0.313	7.5	7.7	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	504	7.8	7.749	8.8	7.	0.109	0.33	7.5	7.7	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	504	0.016	0.018	0.1	0.002	0.	0.014	0.005	0.01	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	86	90.	86.895	118.	34.	293.812	17.141	60.	78.	102.	106.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	60	6.	13.683	228.	0.02	974.253	31.213	0.081	2.	13.	29.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	69	0.06	0.065	0.185	0.	0.002	0.041	0.02	0.02	0.097	0.126
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	61	0.015	0.02	0.086	0.005	0.	0.017	0.005	0.005	0.025	0.044
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	55	1.01	0.952	2.	0.07	0.201	0.448	0.278	0.64	1.29	1.454
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	39	0.58	0.588	1.12	0.051	0.039	0.197	0.336	0.458	0.736	0.821
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	38	0.084	0.116	1.24	0.037	0.036	0.19	0.048	0.066	0.101	0.129
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	38	0.056	0.053	0.121	0.	0.001	0.027	0.014	0.034	0.071	0.088
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	58	0.032	0.034	0.081	0.003	0.001	0.023	0.004	0.018	0.05	0.064
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	28	3.8	3.914	6.6	1.7	1.921	1.386	2.25	2.6	5.2	6.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	35	3.4	3.506	6.7	0.5	2.375	1.541	1.56	2.2	4.8	5.74
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	86	142.	141.081	188.	29.	668.311	25.852	106.8	126.75	158.	172.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	46	2.55	3.02	8.9	0.9	4.357	2.087	1.1	1.5	3.4	6.86
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11 ##	5.	5.864	14.5	5.	8.205	2.864	5.	5.	5.	12.6
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11 ##	10.	10.682	30.	5.	51.364	7.167	5.	5.	12.5	26.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	279.	473.773	1925.	79.	267916.568	517.607	102.	217.5	607.	1686.
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11 ##	25.	22.955	25.	2.5	46.023	6.784	7.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	10	20.25	58.1	240.	2.5	6026.711	77.632	3.25	10.	104.25	230.1
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	30	944.	5619.533	120000.	80.	471794648.189	21720.834	230.	300.	2425.	4990.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	30	2.975	2.998	5.079	1.903	0.414	0.644	2.362	2.477	3.383	3.698
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			995.848								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	230.	935.235	17000.	10.	8323264.428	2885.007	20.	80.	828.5	1652.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	2.362	2.374	4.23	1.	0.471	0.687	1.301	1.903	2.917	3.218
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			236.644								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	86	11.	16.814	136.	3.	558.2	23.626	5.	7.	15.	25.9

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	230	10.	10.318	19.7	0.	24.269	4.926	4.4	5.8	14.4	16.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	81	0.9	1.025	3.4	0.	0.505	0.711	0.2	0.4	1.5	2.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	218	264.5	305.982	650.	119.	9008.47	94.913	206.	232.	381.	445.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	223	10.	9.722	16.8	0.	13.623	3.691	1.6	9.	12.5	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	60	1.	1.192	4.1	0.4	0.737	0.858	0.5	0.5	1.575	2.73
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	223	7.9	7.85	9.1	6.6	0.165	0.406	7.3	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	223	7.9	7.674	9.1	6.6	0.196	0.443	7.3	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	223	0.013	0.021	0.251	0.001	0.001	0.024	0.005	0.008	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	88	72.	73.148	124.	25.	455.323	21.338	46.9	60.	85.5	103.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	60	6.	10.83	71.	0.	194.748	13.955	0.064	2.	12.75	29.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	74 ##	0.02	0.05	0.522	0.007	0.005	0.07	0.02	0.02	0.053	0.095
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	65	0.01	0.011	0.033	0.005	0.	0.008	0.005	0.005	0.016	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	57	1.54	1.478	2.91	0.6	0.174	0.417	0.948	1.21	1.75	1.904
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	38	0.355	0.407	1.58	0.	0.08	0.283	0.1	0.244	0.503	0.678
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	38	0.057	0.08	0.388	0.	0.006	0.075	0.022	0.041	0.086	0.183

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	37	0.042	0.045	0.143	0.	0.001	0.028	0.013	0.026	0.058	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	65	0.022	0.028	0.13	0.	0.001	0.023	0.007	0.014	0.035	0.053
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	44	3.55	3.7	9.5	0.	4.59	2.142	1.	2.225	4.525	6.85
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	48	3.35	3.456	8.8	0.	3.074	1.753	0.99	2.2	4.7	5.62
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	86	120.	127.628	236.	76.	1077.248	32.821	92.	102.	145.	174.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	54	2.45	2.13	4.2	0.1	1.572	1.254	0.4	0.975	3.2	3.65
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11 ##	2.5	2.364	2.5	1.	0.205	0.452	1.3	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11 ##	5.	5.227	10.	2.5	3.068	1.752	3.	5.	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11 ##	12.5	11.818	12.5	5.	5.114	2.261	6.5	12.5	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	342.	655.818	1857.	158.	348297.564	590.167	160.4	233.	947.	1810.8
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11 ##	25.	15.	25.	2.5	132.5	11.511	2.5	2.5	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	38.	32.	58.	5.	309.	17.578	6.	10.	47.	55.8
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	39	800.	2029.821	11000.	93.	8007804.625	2829.806	170.	300.	2200.	7293.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	39	2.903	2.936	4.041	1.968	0.331	0.575	2.23	2.477	3.342	3.863
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			862.141								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	40	230.	411.025	3000.	10.	401668.948	633.774	24.3	58.25	322.5	1370.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	40	2.362	2.237	3.477	1.	0.357	0.597	1.374	1.756	2.508	3.136
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			172.596								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	87	11.	30.391	360.	3.	2930.892	54.138	5.	6.	28.	73.2

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	417	20.1	20.081	29.3	7.	30.693	5.54	12.58	15.4	25.	27.54
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	67	0.9	0.861	2.	0.1	0.144	0.379	0.3	0.6	1.1	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	411	280.	286.311	674.	147.	6124.298	78.258	195.	244.	321.	354.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	416	8.5	8.447	12.	0.5	3.398	1.843	6.57	7.325	9.8	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	36	1.4	1.536	3.1	0.	0.994	0.997	0.44	0.5	2.55	3.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	397	7.8	7.9	9.1	5.9	0.249	0.499	7.4	7.5	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	397	7.8	7.578	9.1	5.9	0.353	0.594	7.4	7.5	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	397	0.016	0.026	1.259	0.001	0.007	0.086	0.003	0.005	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	74	76.	73.649	110.	36.	292.094	17.091	48.	62.	88.	93.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	54	8.	27.957	736.	0.02	10114.68	100.572	0.09	2.	20.25	35.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	61	0.05	0.055	0.265	0.002	0.002	0.043	0.02	0.02	0.072	0.113
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	56	0.012	0.013	0.04	0.005	0.	0.008	0.005	0.005	0.018	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	48	1.225	1.158	1.64	0.27	0.086	0.293	0.792	1.005	1.365	1.522
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	33	0.545	0.56	1.44	0.196	0.074	0.272	0.231	0.395	0.672	0.967
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	31	0.076	0.082	0.257	0.021	0.002	0.049	0.035	0.045	0.101	0.124
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	31	0.036	0.043	0.091	0.005	0.001	0.023	0.011	0.026	0.062	0.074
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	54	0.021	0.021	0.058	0.002	0.	0.016	0.004	0.005	0.031	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	22	3.55	4.5	17.3	1.5	9.642	3.105	2.37	3.075	5.	6.37
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	26	3.4	3.65	6.6	1.7	1.392	1.18	2.4	2.875	4.75	5.19
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	75	120.	122.253	182.	60.	775.894	27.855	89.2	100.	142.	160.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	34	2.4	2.14	4.1	0.01	1.235	1.111	0.55	1.175	3.025	3.4
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	7 ##	12.5	9.286	12.5	5.	16.071	4.009	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	7	825.	1115.714	2990.	169.	1020491.238	1010.194	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	7 ##	25.	21.786	25.	2.5	72.321	8.504	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	7	28.	50.643	125.	2.5	2643.893	51.419	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	22	944.	5750.273	92000.	80.	378524544.874	19455.707	160.	230.	1525.	10480.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	22	2.975	2.998	4.964	1.903	0.451	0.671	2.188	2.362	3.171	3.979

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			995.001								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	25	230.	807.84	11000.	10.	5148805.557	2269.098	20.	36.	320.	2380.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	25	2.362	2.187	4.041	1.	0.557	0.746	1.301	1.521	2.505	3.309
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			153.901								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	75	12.	22.467	180.	3.	983.468	31.36	5.	7.	23.	60.

** - Less than 9 observations ## - Computed 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: NACC0079

NPS Station ID: NACC0079 | LAT/LON: 38.875005/ -77.034003 | Agency: 11NPSWRD | Date Created: 04/19/97
Location: Potomac River @ Int. of Buckeye Dr. and Ohio Dr. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): NACC_PR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 6 | Water Body Id:
Minor Basin: POTOMAC | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02070010059601.50 | RF3 Mile Point: 4.50 | Distance from RF3: 0.21 | On/Off RF3:
Description:
Station is located in the Potomac River at the intersection of Buckeye Dr. and Ohio Dr. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/95-02/14/97	57	18.4	16.725	30.2	1.	83.382	9.131	2.54	6.85	24.85	27.46
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	57	292.	300.316	525.	176.	3825.006	61.847	225.8	266.5	330.	366.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/95-02/14/97	56	8.65	9.352	15.7	4.8	6.934	2.633	6.7	7.4	11.4	13.5
00406	PH, FIELD, STANDARD UNITS SU	03/28/95-12/20/96	52	7.525	7.457	8.45	6.3	0.239	0.489	6.802	7.113	7.8	8.089
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/28/95-12/20/96	52	7.52	7.18	8.45	6.3	0.317	0.563	6.802	7.112	7.8	8.089
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/95-12/20/96	52	0.03	0.066	0.501	0.004	0.008	0.091	0.008	0.016	0.077	0.159

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

EPA Water Quality Criteria Analysis for Station: NACC0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	56	0	0.00	19	0	0.00	21	0	0.00	16	0	0.00			
00406	PH, FIELD	Marine Chronic	8.5	52	0	0.00	19	0	0.00	16	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	52	2	0.04	19	0	0.00	16	0	0.00	17	2	0.12			

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

Station Inventory for Station: NACC0080

NPS Station ID: NACC0080
LAT/LON: 38.875005/ -77.036670
Agency: 21MDEXP
Date Created: 06/27/81
Location: MEMORIAL BRIDGE-STATION 2B
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078750223102
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
MEMORIAL BRIDGE-STATION 2B

Parameter Inventory for Station: NACC0080

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

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

Station Inventory for Station: NACC0081

NPS Station ID: NACC0081 LAT/LON: 38.875005/ -77.041671 Agency: 11BIOACC Date Created: 05/09/92
Location: POTOMAC RIVER PARK @ N. OF WILSON BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/FISH/STREAM STORET Station ID(s): 3147
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 02070010003201.47 RF3 Mile Point: 3.19 Distance from RF3: 0.20 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	12/17/86-12/17/86	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	1.26	1.26	1.26	1.26	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	12/17/86-12/17/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	12/17/86-12/17/86	1	2.96	2.96	2.96	2.96	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	8.73	8.73	8.73	8.73	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	1.34	1.34	1.34	1.34	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	2.05	2.05	2.05	2.05	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1 ##	1.425	1.425	1.425	1.425	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1 ##	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	12/17/86-12/17/86	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	12/17/86-12/17/86	1 ##	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	12/17/86-12/17/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	12/17/86-12/17/86	1	2.49	2.49	2.49	2.49	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	1	0.043	0.043	0.043	0.043	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	12/17/86-12/17/86	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	12/17/86-12/17/86	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/17/86-12/17/86	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.054	0.054	0.054	0.054	0.	0.	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.131	0.131	0.131	0.131	0.	0.	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.227	0.227	0.227	0.227	0.	0.	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1	0.057	0.057	0.057	0.057	0.	0.	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/17/86-12/17/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	12/17/86-12/17/86	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

Parameter Inventory for Station: NACC0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	12/17/86-12/17/86	1	4.94	4.94	4.94	4.94	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	12/17/86-12/17/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	12/17/86-12/17/86	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	12/17/86-12/17/86	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	1	0.786	0.786	0.786	0.786	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	12/17/86-12/17/86	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	12/17/86-12/17/86	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	12/17/86-12/17/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

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

Station Inventory for Station: NACC0082

NPS Station ID: NACC0082
LAT/LON: 38.875281/ -77.012226
Agency: EXAMPLE
Date Created: 01/11/85
Location: TUT'S APARTMENT USED FOR TESTING
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MSP2 /MSPTEST002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003200.53
RF3 Mile Point: 0.84
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0082

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

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

Station Inventory for Station: NACC0083

NPS Station ID: NACC0083
LAT/LON: 38.875281/ -77.012226
Agency: EXAMPLE
Date Created: 05/06/95
Location: TUT'S APARTMENT USED FOR TESTING
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): BIO02 /BIOTEST002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0083

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

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

Station Inventory for Station: NACC0084

NPS Station ID: NACC0084
LAT/LON: 38.875837/ -77.043893
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. 14TH ST.BR. WASH,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /POTO-02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0084

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: NACC0085

NPS Station ID: NACC0085
LAT/LON: 38.875837/ -77.043893
Agency: 1113POTS
Date Created: / /
Location: PO.R. 14TH ST.BR. WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.29
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	10.	9.412	13.5	5.5	5.257	2.293	5.9	7.25	11.	13.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	24	0.056	0.098	0.873	0.018	0.028	0.169	0.029	0.036	0.109	0.126
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	23	0.76	0.669	1.05	0.02	0.104	0.323	0.056	0.73	0.85	1.004
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	39	0.28	0.248	0.41	0.09	0.01	0.098	0.12	0.14	0.33	0.35
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.38	0.367	0.44	0.28	0.007	0.081	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0085

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00				23	0	0.00						

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

Station Inventory for Station: NACC0086

NPS Station ID: NACC0086
Location: 14TH ST BRIDGE-STATION 2
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003200.53
Description:
14TH ST. BRIDGE-STATION 2

LAT/LON: 38.876948/ -77.038892

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.02

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750223270
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.08

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: NACC0086

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

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

Station Inventory for Station: NACC0087

NPS Station ID: NACC0087 LAT/LON: 38.877781/ -77.041671 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101005.2 /H-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FIRST WESTERN BRIDGE ABUTMENT

Parameter Inventory for Station: NACC0087

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

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

Station Inventory for Station: NACC0088

NPS Station ID: NACC0088
LAT/LON: 38.877781/ -77.041671
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101005.4 /H-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 22
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 2.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 2.20
Distance from RF3: 0.13
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: NACC0088

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

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

Station Inventory for Station: NACC0089

NPS Station ID: NACC0089
LAT/LON: 38.877781/ -77.041671
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101005.6 /H-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 2.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003200.53
RF3 Mile Point: 2.20
Distance from RF3: 0.13
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EIGHTH BRIDGE ABUTMENT

Parameter Inventory for Station: NACC0089

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

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

Station Inventory for Station: NACC0090

NPS Station ID: NACC0090 LAT/LON: 38.877781/ -77.041671 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT 14TH STREET BRIDGE TRANS H8 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101005.8 /H-8
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 13 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 2.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003200.53 RF3 Mile Point: 2.20 Distance from RF3: 0.13 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT TWELFTH BRIDGE ABUTMENT

Parameter Inventory for Station: NACC0090

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

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

Station Inventory for Station: NACC0091

NPS Station ID: NACC0091
LAT/LON: 38.877781/ -77.044170
Agency: 1113PESE
Date Created: / /
Location: POTOMAC R. 14TH ST.BR. BUOY N 10
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /2A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010032
RF1 Mile Point: 1.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.35
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0091

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: NACC0092

NPS Station ID: NACC0092
LAT/LON: 38.878337/ -77.016670
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT NAVAL RES LAB TRANS P1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101009.1 /P-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0092

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

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

Station Inventory for Station: NACC0093

NPS Station ID: NACC0093
LAT/LON: 38.878893/ -77.042504
Agency: 1113PESE
Date Created: / /
Location: POTO.R. SHALLOWS BTW N10&TDL BSN
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 002 /002 /2B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 2.770
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.13
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0093

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: NACC0094

NPS Station ID: NACC0094
LAT/LON: 38.880004/ -77.031003
Agency: 11NPSWRD
Date Created: 04/19/97
Location: Washington Channel SE of Case Bridge
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NACC_WC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 6
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:
Station is located in Washington Channel in front of the second bench southeast of Case Bridge. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/95-02/14/97	48	19.	17.242	30.7	2.3	90.061	9.49	3.2	7.25	25.85	28.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/04/95-02/14/97	48	281.5	293.708	478.	72.	4231.956	65.053	222.6	258.25	338.5	382.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/04/95-02/14/97	47	8.8	9.234	15.	5.3	4.988	2.233	6.2	7.8	10.8	12.44
00406	PH, FIELD, STANDARD UNITS SU	04/04/95-12/20/96	44	7.51	7.469	8.83	5.84	0.514	0.717	6.635	6.82	8.05	8.525
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/04/95-12/20/96	44	7.51	6.959	8.83	5.84	0.78	0.883	6.635	6.82	8.05	8.525
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/95-12/20/96	44	0.031	0.11	1.445	0.001	0.052	0.228	0.003	0.009	0.151	0.232
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/95-06/30/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/30/95-06/30/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/95-06/30/95	1	24.	24.	24.	24.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/30/95-06/30/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	06/30/95-06/30/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/30/95-06/30/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	47	0	0.00	16	0	0.00	19	0	0.00	12	0	0.00			
00406	PH, FIELD	Marine Chronic	8.5	44	4	0.09	16	1	0.06	15	1	0.07	13	2	0.15			
		Other-Lo Lim.	6.5	44	2	0.05	16	0	0.00	15	0	0.00	13	2	0.15			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	0 &	0	0.00												

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

Station Inventory for Station: NACC0095

NPS Station ID: NACC0095 LAT/LON: 38.881115/ -77.031393 Agency: 21DCBAWQ Date Created: 06/18/88
Location: WASHINGTON CHANNEL,WASH.D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PWC01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id: WASHINGTON CHANNEL/POTOMA
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.50 On/Off RF1:
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.02 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION: DC WASHINGTON NEXT TO 14TH STREET BRIDGE
PARTICIPATING AGENCY: DC DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: NACC0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	08/15/95-09/11/95	2	2.65	2.65	3.1	2.2	0.405	0.636	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/95-09/11/95	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/15/95-08/15/95	1	0.432	0.432	0.432	0.432	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/95-08/15/95	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0095

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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: NACC0096

NPS Station ID: NACC0096 LAT/LON: 38.881115/ -77.052226 Agency: 21DCBAWQ Date Created: 10/28/86
Location: SOUTH OF CABLE CROSSING, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS18
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0095.25
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010032 RF1 Mile Point: 2.350 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010010900.00 RF3 Mile Point: 0.54 Distance from RF3: 0.05 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: SOUTH OF CABLE CROSSING, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	133	17.2	16.563	31.6	1.5	80.967	8.998	4.62	7.1	25.05	27.68
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.533	1.1	0.2	0.243	0.493	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	124	298.	305.629	604.	120.	7074.121	84.108	197.5	252.25	350.75	427.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	133	9.1	9.194	15.	1.2	7.448	2.729	6.44	7.55	11.05	12.9
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	119	7.9	7.945	8.9	7.1	0.155	0.394	7.5	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	119	7.9	7.79	8.9	7.1	0.179	0.423	7.5	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	119	0.013	0.016	0.079	0.001	0.	0.014	0.003	0.006	0.02	0.032
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1125.	2000.	1000.	116666.667	341.565	1000.	1000.	1000.	2000.

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

EPA Water Quality Criteria Analysis for Station: NACC0096

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	133	6	0.05	50	1	0.02	48	4	0.08	35	1	0.03			
00400	PH	Fresh Chronic	9.	119	0	0.00	46	0	0.00	43	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	119	0	0.00	46	0	0.00	43	0	0.00	30	0	0.00			

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

Annual Analysis for 1983 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.2	10.9	19.	6.5	49.33	7.024	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	250.	250.	350.	150.	20000.	141.421	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.5	11.867	15.	8.1	12.203	3.493	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	19.1	17.513	29.	3.7	112.438	10.604	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	150.	187.	291.	120.	8337.	91.307	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.45	9.625	13.4	6.8	5.965	2.442	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.7	11.833	18.5	5.3	43.573	6.601	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	261.	268.667	307.	238.	1234.333	35.133	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.1	10.867	12.6	8.9	3.463	1.861	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.9	8.1	7.8	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.879	8.1	7.8	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	3	0.016	0.013	0.016	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 1986 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.7	15.264	28.8	1.6	121.553	11.025	1.78	4.8	27.2	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	331.	352.182	522.	252.	7462.764	86.387	256.	282.	432.	509.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.8	8.018	13.7	1.4	16.532	4.066	1.62	5.5	12.7	13.62
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	8.082	8.9	7.4	0.228	0.477	7.46	7.8	8.5	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.894	8.9	7.4	0.266	0.516	7.46	7.8	8.5	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.013	0.04	0.001	0.	0.011	0.001	0.003	0.016	0.036

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

Annual Analysis for 1987 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	12.25	14.575	29.4	2.3	100.742	10.037	2.57	6.6	26.05	28.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	272.	271.25	435.	145.	6356.205	79.726	160.3	203.75	310.	414.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.2	6.25	11.8	1.2	13.214	3.635	1.29	2.475	9.075	11.38
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.6	7.655	8.2	7.1	0.125	0.353	7.12	7.3	7.9	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.6	7.527	8.2	7.1	0.142	0.377	7.12	7.3	7.9	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.025	0.03	0.079	0.006	0.001	0.024	0.007	0.013	0.05	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

Annual Analysis for 1988 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.35	17.45	30.6	5.2	67.487	8.215	5.67	10.875	24.7	30.13
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	336.	338.4	515.	165.	14217.6	119.238	166.2	234.	455.25	509.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.35	8.94	11.7	5.7	3.509	1.873	5.77	7.525	10.5	11.58
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.978	8.5	7.3	0.159	0.399	7.3	7.7	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.816	8.5	7.3	0.189	0.435	7.3	7.7	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.015	0.05	0.003	0.	0.015	0.003	0.005	0.02	0.05

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

Annual Analysis for 1989 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.2	15.282	27.5	1.7	91.22	9.551	2.04	4.8	24.2	27.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	320.	303.556	340.	218.	1417.028	37.643	218.	288.5	331.	340.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.	10.018	13.9	7.8	3.546	1.883	7.9	8.4	10.9	13.58
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	8.1	8.8	7.6	0.158	0.397	7.62	7.7	8.4	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	7.958	8.8	7.6	0.18	0.424	7.62	7.7	8.4	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.01	0.011	0.025	0.002	0.	0.008	0.002	0.004	0.02	0.024

** - Less than 9 observations ## - Computed with 50% or 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 NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.5	16.33	25.8	5.1	77.067	8.779	5.16	5.85	24.6	25.77
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	251.	246.444	312.	173.	1302.278	36.087	173.	232.5	257.5	312.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.2	9.94	13.8	7.1	6.647	2.578	7.15	7.6	12.525	13.77
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.6	7.76	8.8	7.4	0.156	0.395	7.41	7.575	7.825	8.71
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.6	7.662	8.8	7.4	0.167	0.408	7.41	7.575	7.825	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.025	0.022	0.04	0.002	0.	0.011	0.003	0.015	0.027	0.039

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

Annual Analysis for 1991 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	23.15	21.3	29.2	8.	66.923	8.181	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	360.5	372.625	504.	256.	5208.268	72.168	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	8.2	8.713	13.4	6.5	5.15	2.269	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	8	8.05	7.95	8.1	7.5	0.046	0.214	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	8	8.047	7.895	8.1	7.5	0.049	0.222	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	8	0.009	0.013	0.032	0.008	0.	0.008	**	**	**	**

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

Annual Analysis for 1992 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	16.3	16.118	26.3	3.7	62.098	7.88	4.24	9.2	24.	26.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	288.	294.455	345.	257.	745.873	27.311	257.4	274.	316.	340.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.8	9.727	13.4	7.4	3.794	1.948	7.46	7.8	11.5	13.04

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

Annual Analysis for 1992 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	7.891	8.2	7.5	0.053	0.23	7.52	7.6	8.	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	7.832	8.2	7.5	0.057	0.238	7.52	7.6	8.	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.01	0.015	0.032	0.006	0.	0.009	0.007	0.01	0.025	0.03

** - 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

Annual Analysis for 1993 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	14.6	15.983	31.6	2.7	94.627	9.728	3.54	6.3	24.925	29.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	300.	295.917	398.	150.	7417.356	86.124	161.1	208.5	376.25	393.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	10.	10.058	14.9	6.4	6.466	2.543	6.49	7.725	11.85	14.21
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.873	8.9	7.2	0.244	0.494	7.22	7.6	8.3	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.672	8.9	7.2	0.289	0.537	7.22	7.6	8.3	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.016	0.021	0.063	0.001	0.	0.019	0.002	0.005	0.025	0.061

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

Annual Analysis for 1994 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.8	18.389	30.2	4.5	82.909	9.105	4.5	9.55	26.2	30.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	318.	317.333	360.	248.	1491.5	38.62	248.	285.5	351.	360.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	8.711	13.1	5.6	5.156	2.271	5.6	6.9	10.	13.1
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.8	7.978	8.8	7.6	0.144	0.38	7.6	7.7	8.2	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.8	7.871	8.8	7.6	0.157	0.397	7.6	7.7	8.2	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.016	0.013	0.025	0.002	0.	0.008	0.002	0.006	0.02	0.025

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

Annual Analysis for 1995 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.9	18.633	28.8	1.5	90.81	9.529	1.5	10.8	26.1	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	345.	365.556	604.	231.	14144.528	118.931	231.	271.5	452.5	604.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.7	9.167	13.3	7.2	4.835	2.199	7.2	7.35	10.8	13.3
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	8.067	8.5	7.6	0.103	0.32	7.6	7.75	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	7.963	8.5	7.6	0.115	0.339	7.6	7.75	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.006	0.011	0.025	0.003	0.	0.008	0.003	0.005	0.018	0.025

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

Annual Analysis for 1996 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	15.9	16.214	25.	3.2	84.698	9.203	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	7	268.	275.714	424.	186.	6684.571	81.759	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	10.3	10.029	12.9	7.4	4.599	2.145	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	7	7.9	7.914	8.5	7.3	0.205	0.453	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	7	7.9	7.724	8.5	7.3	0.247	0.497	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	7	0.013	0.019	0.05	0.003	0.	0.018	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.2	17.744	28.5	4.1	77.373	8.796	4.1	9.25	25.75	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	319.	302.333	406.	193.	4356.5	66.004	193.	244.5	346.5	406.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	10.4	9.656	12.9	6.7	4.098	2.024	6.7	7.6	10.95	12.9
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	8.144	8.7	7.6	0.198	0.445	7.6	7.75	8.65	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	7.971	8.7	7.6	0.232	0.481	7.6	7.75	8.65	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.008	0.011	0.025	0.002	0.	0.009	0.002	0.002	0.018	0.025

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	50	25.3	24.54	31.6	15.2	16.544	4.067	17.6	22.425	27.275	28.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	339.5	343.652	522.	199.	4725.876	68.745	253.4	305.75	382.25	455.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	50	7.75	7.69	10.5	1.2	2.231	1.494	5.95	7.1	8.425	9.1
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	46	7.9	7.954	8.8	7.2	0.107	0.326	7.6	7.775	8.1	8.43
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	46	7.9	7.846	8.8	7.2	0.119	0.344	7.6	7.775	8.1	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	46	0.013	0.014	0.063	0.002	0.	0.011	0.004	0.008	0.017	0.025

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	48	5.8	6.75	19.7	1.5	14.766	3.843	2.48	4.2	8.4	11.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	286.	285.957	515.	120.	6959.154	83.422	175.9	244.	323.5	396.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	48	11.85	10.925	15.	1.4	10.76	3.28	4.11	9.85	13.05	13.71
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.9	7.923	8.8	7.1	0.149	0.387	7.38	7.6	8.2	8.46
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.9	7.763	8.8	7.1	0.176	0.419	7.38	7.6	8.2	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	43	0.013	0.017	0.079	0.002	0.	0.016	0.003	0.006	0.025	0.043

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	35	17.3	18.626	29.2	6.9	36.185	6.015	10.64	14.3	24.	26.96
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	32	277.	279.25	604.	145.	7668.258	87.569	174.2	222.	318.	362.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	35	9.3	8.969	11.4	2.2	3.216	1.793	6.92	7.9	10.3	10.94
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	30	7.8	7.96	8.9	7.3	0.247	0.497	7.4	7.6	8.425	8.79
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	30	7.8	7.752	8.9	7.3	0.292	0.54	7.4	7.6	8.425	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	30	0.016	0.018	0.05	0.001	0.	0.014	0.002	0.004	0.025	0.04

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

Station Inventory for Station: NACC0097

NPS Station ID: NACC0097
LAT/LON: 38.883337/ -77.028892
Agency: 1113POTS
Date Created: / /
Location: PO.R. OFF EAST POTOMAC PARK,DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 005 /005 /3A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010073500.00
RF3 Mile Point: 1.48
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/26/69	17	10.	9.559	14.5	5.	6.059	2.461	5.4	8.	11.	13.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/25/69	16	0.108	0.112	0.271	0.034	0.004	0.061	0.039	0.059	0.151	0.203
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/25/69	15	0.75	0.587	1.07	0.01	0.157	0.396	0.016	0.1	0.92	1.022
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/25/69	16	0.26	0.238	0.4	0.09	0.01	0.099	0.097	0.135	0.308	0.393
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/26/69	3	0.41	0.393	0.44	0.33	0.003	0.057	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0097

				Total	Exceed	Prop.	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00				15	0	0.00						

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

Station Inventory for Station: NACC0098

NPS Station ID: NACC0098 LAT/LON: 38.884448/ -77.041671 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101036.0 /TB
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 3.010 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0098

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

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

Station Inventory for Station: NACC0099

NPS Station ID: NACC0099
LAT/LON: 38.885004/ -77.035004
Agency: 11NPSWRD
Date Created: 04/19/97
Location: Tidal Basin at End of Paddleboat Floating Dock
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NACC_TB_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 7
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:
Station is located in the Tidal Basin of the outermost end of the Paddleboat floating dock. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/95-02/14/97	80	21.95	19.091	31.2	1.	86.409	9.296	3.22	11.95	26.4	29.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	80	293.5	302.375	492.	204.	3567.377	59.728	239.4	256.	332.25	389.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/28/95-02/14/97	78	9.1	9.29	14.9	3.5	5.504	2.346	6.57	7.7	10.825	12.6
00406	PH, FIELD, STANDARD UNITS SU	03/28/95-12/20/96	77	8.02	8.017	9.06	7.09	0.347	0.589	7.24	7.41	8.485	8.832
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/28/95-12/20/96	77	8.02	7.688	9.06	7.09	0.457	0.676	7.24	7.41	8.485	8.832
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/95-12/20/96	77	0.01	0.021	0.081	0.001	0.	0.022	0.001	0.003	0.039	0.058
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	30 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	31	3.	5.85	17.6	0.55	32.285	5.682	1.28	2.2	8.8	17.6
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	30	24.	25.733	48.	12.	53.995	7.348	20.	20.	32.	35.6
01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	24 ##	0.038	0.038	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	27 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	28 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	32 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

EPA Water Quality Criteria Analysis for Station: NACC0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	78	2	0.03	33	2	0.06	24	0	0.00	21	0	0.00			
00406	PH, FIELD	Marine Chronic	8.5	77	19	0.25	33	11	0.33	21	3	0.14	23	5	0.22			
		Other-Lo Lim.	6.5	77	0	0.00	33	0	0.00	21	0	0.00	23	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	24	0	0.00	10	0	0.00	10	0	0.00	4	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	0 &	0	0.00												

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

Station Inventory for Station: NACC0100

NPS Station ID: NACC0100 LAT/LON: 38.886003/ -77.045003 Agency: 11NPSWRD Date Created: 04/19/97
Location: Tidal Basin @ Old West Basin Dr and Independence FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NACC_TB_3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 7 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059601.50 RF3 Mile Point: 4.50 Distance from RF3: 0.21 On/Off RF3:
Description:
Station is located in the Tidal Basin by the intersection of old West Basin Dr. and Independence Ave. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/27/95-02/14/97	53	17.3	16.551	30.8	1.	87.482	9.353	2.62	6.35	25.35	27.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	51	288.	298.118	492.	207.	2802.706	52.941	240.8	265.	330.	360.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/27/95-02/14/97	53	10.2	10.034	14.9	5.4	5.15	2.269	6.8	8.4	11.65	12.9
00406	PH, FIELD, STANDARD UNITS SU	01/27/95-12/20/96	48	7.955	7.865	9.17	6.44	0.499	0.707	6.808	7.275	8.53	8.712
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/27/95-12/20/96	48	7.955	7.357	9.17	6.44	0.762	0.873	6.808	7.275	8.53	8.712
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/95-12/20/96	48	0.011	0.044	0.363	0.001	0.005	0.071	0.002	0.003	0.053	0.156
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/27/96-07/27/96	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/96-07/27/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/96-07/27/96	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/96-07/27/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/27/96-07/27/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	07/27/96-07/27/96	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/96-07/27/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	53	0	0.00	17	0	0.00	22	0	0.00	14	0	0.00			
00406	PH, FIELD	Marine Chronic	8.5	48	14	0.29	17	6	0.35	17	2	0.12	14	6	0.43			
		Other-Lo Lim.	6.5	48	1	0.02	17	0	0.00	17	1	0.06	14	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	1	0	0.00	1	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	0 &	0	0.00												

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

Station Inventory for Station: NACC0101

NPS Station ID: NACC0101 LAT/LON: 38.886949/ -77.039726 Agency: 21DCBAWQ Date Created: 10/28/86
Location: POTOMAC TIDAL BASIN AT INDEPENDENCE AVE BRIDGE FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PTB01 /TB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 3.010 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002200.58 RF3 Mile Point: 0.83 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	140	16.25	16.482	31.5	0.3	83.505	9.138	4.24	7.125	24.975	28.19
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	140	295.	306.236	525.	125.	4556.023	67.498	230.3	262.	338.75	395.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	135	9.7	9.328	14.1	0.8	5.437	2.332	6.46	7.6	11.	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	133	2.1	2.441	8.8	0.	2.465	1.57	0.5	1.4	3.45	4.76
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	138	7.9	7.802	9.	2.5	0.543	0.737	7.1	7.5	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	138	7.9	4.639	9.	2.5	10.622	3.259	7.1	7.5	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	138	0.013	22.968	3162.278	0.001	72461.358	269.186	0.003	0.005	0.032	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	139	80.	76.777	138.	4.	414.377	20.356	56.	64.	90.	102.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	100	10.	11.06	51.	0.	115.374	10.741	0.1	2.	15.	25.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	107	0.049	0.059	0.54	0.	0.004	0.06	0.02	0.02	0.074	0.11
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	116	0.016	0.019	0.12	0.005	0.	0.016	0.005	0.006	0.025	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	101	1.12	1.176	5.09	0.07	0.382	0.618	0.478	0.815	1.5	1.762
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	79	0.616	0.565	1.3	0.02	0.113	0.336	0.025	0.328	0.813	1.01
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	2	0.905	0.905	1.56	0.25	0.858	0.926	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/13/96-06/11/96	4	1.8	1.875	3.2	0.7	1.589	1.261	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	70	0.071	0.073	0.171	0.022	0.001	0.027	0.038	0.054	0.091	0.108
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	71	0.032	0.037	0.198	0.005	0.001	0.029	0.011	0.021	0.045	0.064
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	100	0.012	0.018	0.168	0.	0.	0.022	0.004	0.004	0.025	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/20/83-12/20/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/20/83-12/20/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	140	131.5	132.779	230.	80.	682.792	26.13	98.	114.5	150.	170.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/83-12/20/83	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	95	2.2	2.254	9.1	0.	2.569	1.603	0.56	1.	2.8	4.04
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	12	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/10/94-01/23/95	6	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-01/23/95	22	## 2.5	2.432	2.5	1.	0.102	0.32	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-01/23/95	22	## 5.	5.341	15.	2.5	4.938	2.222	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-01/23/95	22	## 12.5	10.341	12.5	5.	11.485	3.389	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	04/23/85-01/23/95	22	445.5	514.909	1500.	0.	135329.991	367.872	193.7	257.5	608.5	1244.3
01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-01/23/95	22	## 25.	18.432	25.	2.5	97.84	9.891	2.5	5.75	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-01/23/95	22	28.	44.591	171.	0.	2042.825	45.198	7.2	20.	48.25	134.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	17	## 2.5	2.706	6.	2.5	0.721	0.849	2.5	2.5	2.5	3.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/20/83-12/20/83	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/20/83-12/20/83	1	3.146	3.146	3.146	3.146	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1400.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	93	230.	595.215	14000.	9.5	2549295.785	1596.651	40.	80.	481.	1087.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	93	2.362	2.332	4.146	0.978	0.341	0.584	1.602	1.903	2.682	3.036

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

Parameter Inventory for Station: NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			214.726								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	6	400.	585.	1700.	80.	326390.	571.306	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	6	2.602	2.606	3.23	1.903	0.184	0.429	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			403.386								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	18	4250.	8150.	29200.	1000.	74268529.412	8617.919	1180.	2300.	13950.	27220.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	18	3.628	3.694	4.465	3.	0.206	0.454	3.071	3.36	4.144	4.435
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4938.627								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/84-10/21/86	13	10.	11.808	29.	0.5	78.564	8.864	0.7	5.5	18.5	27.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	08/13/84-10/21/86	14	29.5	26.5	71.	2.	329.5	18.152	3.	10.5	35.	55.5
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-01/23/95	20 ##	0.1	0.11	0.3	0.1	0.002	0.045	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	141	12.	14.156	72.	3.	91.99	9.591	7.	9.5	16.	21.8

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

EPA Water Quality Criteria Analysis for Station: NACC0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/14---------- Obs	Exceed	Prop.	----------10/15-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	135	2	0.01	38	0	0.00	62	2	0.03	35	0	0.00			
00400	PH	Fresh Chronic	9.	138	1	0.01	41	0	0.00	62	0	0.00	35	1	0.03			
		Other-Lo Lim.	6.5	138	5	0.04	41	0	0.00	62	5	0.08	35	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	116	0	0.00	31	0	0.00	54	0	0.00	31	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	101	0	0.00	28	0	0.00	47	0	0.00	26	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00				2	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	4	0	0.00	7	0	0.00	1	0	0.00			
		Drinking Water	50.	12	0	0.00	4	0	0.00	7	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
		Drinking Water	5.	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
		Drinking Water	1300.	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
		Drinking Water	15.	7 &	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	22	3	0.14	7	3	0.43	11	0	0.00	4	0	0.00			
		Drinking Water	5000.	22	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	17	0	0.00	5	0	0.00	10	0	0.00	2	0	0.00			
		Drinking Water	50.	17	0	0.00	5	0	0.00	10	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	92 &	52	0.57	28	12	0.43	40	24	0.60	24	16	0.67			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	5	0.83				5	5	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	20	0	0.00	5	0	0.00	11	0	0.00	4	0	0.00			
		Drinking Water	2.	20	0	0.00	5	0	0.00	11	0	0.00	4	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	141	3	0.02	41	0	0.00	64	3	0.05	36	0	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 1983 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	1	0.172	0.172	0.172	0.172	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	1	1.71	1.71	1.71	1.71	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	1	0.326	0.326	0.326	0.326	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	1	0.074	0.074	0.074	0.074	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	1	0.041	0.041	0.041	0.041	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	1	1.903	1.903	1.903	1.903	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	1	17.	17.	17.	17.	0.	0.	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	2	22.8	22.8	27.7	17.9	48.02	6.93	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	2	353.	353.	456.	250.	21218.	145.664	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	2	10.1	10.1	11.6	8.6	4.5	2.121	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	2	8.4	8.4	8.6	8.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	2	8.355	8.355	8.6	8.2	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	2	0.004	0.004	0.006	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	2	100.	100.	120.	80.	800.	28.284	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	2	0.035	0.035	0.046	0.024	0.	0.016	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	2	0.022	0.022	0.033	0.011	0.	0.016	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	2	1.09	1.09	1.39	0.79	0.18	0.424	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	2	0.944	0.944	1.06	0.827	0.027	0.165	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	2	0.087	0.087	0.103	0.071	0.001	0.023	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	2	0.023	0.023	0.025	0.021	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	2	0.011	0.011	0.014	0.007	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	2	154.	154.	174.	134.	800.	28.284	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	2	7025.	7025.	14000.	50.	97301250.	9864.14	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	2	2.923	2.923	4.146	1.699	2.994	1.73	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			836.66								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	2	9.	9.	12.	6.	18.	4.243	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	9	23.1	20.444	28.7	4.9	53.36	7.305	4.9	15.55	24.9	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	9	310.	317.667	470.	158.	9029.75	95.025	158.	269.5	383.5	470.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	8	9.25	9.588	12.2	7.3	3.498	1.87	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	9	3.8	3.833	8.8	0.	7.673	2.77	0.	1.35	5.85	8.8
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	8	7.9	7.9	8.7	7.5	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	8	7.9	7.792	8.7	7.5	0.156	0.395	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	8	0.013	0.016	0.032	0.002	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	9	74.	67.111	94.	4.	663.111	25.751	4.	63.	80.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	9	10.	9.556	17.	0.	32.028	5.659	0.	5.	14.	17.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	9 ##	0.02	0.029	0.062	0.02	0.	0.015	0.02	0.02	0.04	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	9	0.015	0.022	0.08	0.005	0.001	0.023	0.005	0.009	0.024	0.08
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	9	0.65	0.819	1.85	0.21	0.279	0.529	0.21	0.415	1.19	1.85
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	9	0.814	0.838	1.3	0.47	0.071	0.266	0.47	0.631	1.056	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	9	0.09	0.083	0.104	0.065	0.	0.014	0.065	0.067	0.093	0.104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	9	0.037	0.04	0.082	0.005	0.001	0.025	0.005	0.022	0.061	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	9	0.01	0.021	0.08	0.004	0.001	0.026	0.004	0.004	0.035	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	9	130.	133.333	183.	116.	402.75	20.069	116.	121.	137.	183.
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	6	1.65	2.192	5.6	0.05	4.158	2.039	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	6	1095.	1603.333	4600.	50.	2886786.667	1699.055	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	6	3.022	2.886	3.663	1.699	0.494	0.703	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			768.294								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	9	12.	12.222	17.	8.	7.944	2.819	8.	10.5	14.5	17.

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

Annual Analysis for 1986 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	11	18.3	17.591	28.5	1.2	98.909	9.945	2.06	6.6	28.	28.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	11	321.	337.909	519.	276.	5287.291	72.714	277.2	289.	354.	499.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	10	9.75	9.16	12.5	5.8	6.683	2.585	5.86	6.55	11.825	12.47
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	10	1.85	2.36	5.2	0.	3.147	1.774	0.05	1.025	4.05	5.16
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.8	7.409	9.	2.5	2.999	1.732	3.38	7.3	8.4	8.9
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.8	3.541	9.	2.5	19.454	4.411	3.38	7.3	8.4	8.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	11	0.016	287.505	3162.278	0.001	909074.968	953.454	0.001	0.004	0.05	2529.847
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	11	80.	80.182	97.	68.	74.564	8.635	68.4	72.	86.	95.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	10	10.5	14.	51.	0.	239.111	15.463	0.	1.5	20.25	48.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	10	0.062	0.065	0.125	0.	0.002	0.045	0.002	0.02	0.111	0.124
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	10	0.025	0.029	0.066	0.005	0.	0.02	0.006	0.017	0.036	0.066
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	10	0.655	0.741	1.81	0.07	0.345	0.588	0.079	0.175	1.225	1.78
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	10	0.714	0.705	1.11	0.052	0.122	0.349	0.085	0.432	1.02	1.108
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	10	0.068	0.067	0.116	0.034	0.001	0.025	0.035	0.045	0.083	0.113
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	10	0.029	0.03	0.045	0.013	0.	0.011	0.013	0.021	0.043	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	10 ##	0.004	0.007	0.033	0.	0.	0.01	0.	0.004	0.006	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	11	130.	133.091	192.	80.	763.291	27.628	87.6	119.	150.	184.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	9	1.4	1.189	2.2	0.1	0.569	0.754	0.1	0.45	1.85	2.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	9	220.	348.889	1300.	20.	195461.111	442.11	20.	20.	640.	1300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	9	2.342	2.112	3.114	1.301	0.527	0.726	1.301	1.301	2.794	3.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			129.419								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	11	14.	13.818	22.	10.	15.164	3.894	10.	10.	15.	21.4

** - 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 1987 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	13.85	15.508	30.2	0.3	105.606	10.276	1.62	5.25	25.35	29.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	286.	311.5	467.	219.	6365.182	79.782	221.4	257.5	384.25	455.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	12	11.45	10.525	14.	6.6	6.288	2.507	6.69	8.125	11.975	13.91
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	2.4	2.758	4.8	1.	1.283	1.133	1.21	2.	3.75	4.62
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.6	7.727	8.7	6.9	0.244	0.494	7.	7.4	8.1	8.62
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.6	7.51	8.7	6.9	0.296	0.544	7.	7.4	8.1	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	11	0.025	0.031	0.126	0.002	0.001	0.034	0.003	0.008	0.04	0.109
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	74.5	69.167	107.	10.	990.879	31.478	10.	61.	90.75	106.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	5	15.	17.	40.	2.	266.	16.31	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	9	0.042	0.041	0.091	0.02	0.001	0.024	0.02	0.02	0.055	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	12	0.016	0.016	0.03	0.005	0.	0.01	0.005	0.005	0.026	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	12	1.13	1.303	2.43	0.58	0.311	0.558	0.652	0.913	1.718	2.325
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	6 ##	0.159	0.255	0.701	0.02	0.081	0.284	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	3	0.072	0.077	0.108	0.05	0.001	0.029	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	3	0.041	0.044	0.052	0.038	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	12	0.011	0.012	0.036	0.004	0.	0.01	0.004	0.004	0.018	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	125.	128.75	173.	96.	758.023	27.532	96.	100.5	156.5	169.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	15.5	20.833	72.	7.	322.152	17.949	7.6	12.	20.75	61.8

** - 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 NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	14.7	16.225	31.5	2.1	105.457	10.269	2.61	7.1	26.1	31.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	313.	340.833	525.	249.	5600.697	74.838	258.3	285.25	390.25	486.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	12	10.75	10.342	12.5	6.1	3.141	1.772	6.61	9.975	11.225	12.38
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	2.5	3.236	6.	1.4	2.693	1.641	1.44	1.8	5.	5.84
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	8.1	8.175	8.9	7.6	0.217	0.465	7.6	7.8	8.7	8.84
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	12	8.1	7.986	8.9	7.6	0.256	0.506	7.6	7.8	8.7	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	12	0.008	0.01	0.025	0.001	0.	0.009	0.001	0.002	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	88.5	83.5	110.	56.	240.636	15.512	56.9	72.5	92.	105.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	3	8.	15.333	36.	2.	329.333	18.148	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	3	0.05	0.048	0.073	0.02	0.001	0.027	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	12	0.018	0.018	0.04	0.005	0.	0.011	0.005	0.007	0.026	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	12	0.985	1.123	1.97	0.45	0.228	0.477	0.519	0.785	1.608	1.919
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	11 ##	0.025	0.096	0.507	0.02	0.026	0.16	0.02	0.02	0.063	0.467
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	1	0.082	0.082	0.082	0.082	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	2 ##	0.02	0.02	0.027	0.013	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	10 ##	0.004	0.01	0.036	0.004	0.	0.011	0.004	0.004	0.015	0.035
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	135.	139.667	194.	96.	743.879	27.274	97.8	130.75	151.	189.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			490.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	10.5	14.25	54.	3.	174.932	13.226	4.5	9.25	11.75	44.4

** - 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 1989 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	14.95	15.933	28.1	1.9	96.935	9.846	2.29	5.425	26.05	27.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	286.	284.5	350.	235.	1106.455	33.263	236.2	253.75	303.75	340.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	10	9.6	9.25	11.3	7.1	2.361	1.536	7.14	7.725	10.675	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	1.65	1.842	3.9	0.6	0.764	0.874	0.78	1.2	2.3	3.57

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Annual Analysis for 1989 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.9	7.908	8.9	6.2	0.412	0.642	6.65	7.725	8.275	8.75
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.9	7.203	8.9	6.2	0.955	0.977	6.65	7.725	8.275	8.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	12	0.013	0.063	0.631	0.001	0.032	0.179	0.002	0.005	0.019	0.448
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	11	74.	69.455	92.	54.	146.473	12.103	54.8	58.	78.	89.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	11	12.	13.273	31.	2.	58.218	7.63	3.2	8.	14.	29.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	12	0.065	0.052	0.096	0.02	0.001	0.029	0.02	0.02	0.073	0.092
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	12	0.015	0.018	0.074	0.005	0.	0.019	0.005	0.007	0.018	0.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	12	1.225	1.268	1.71	0.82	0.073	0.271	0.862	1.093	1.483	1.695
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	7	0.52	0.586	1.06	0.357	0.058	0.242	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	8	0.056	0.064	0.119	0.022	0.001	0.031	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	8	0.041	0.055	0.198	0.005	0.004	0.065	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	10	0.025	0.039	0.168	0.004	0.002	0.049	0.004	0.011	0.047	0.158
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	112.	112.833	140.	90.	227.97	15.099	91.2	102.	124.5	137.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	12	2.55	2.475	3.3	1.5	0.262	0.512	1.53	2.25	2.775	3.18
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	11	460.	886.227	4900.	9.5	1961195.668	1400.427	11.6	110.	932.	4180.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	11	2.663	2.459	3.69	0.978	0.652	0.807	1.042	2.041	2.969	3.575
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			288.008								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	12.	14.75	34.	8.	56.932	7.545	8.	9.5	19.25	30.4

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Annual Analysis for 1990 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	15.15	16.125	29.8	5.8	58.82	7.669	6.01	9.575	20.725	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	276.	275.417	335.	210.	1424.083	37.737	216.	245.25	311.	329.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	12	9.9	9.475	11.9	5.8	3.144	1.773	6.25	7.975	10.75	11.63
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	1.9	2.217	5.9	0.1	3.611	1.9	0.1	0.625	3.95	5.57
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.9	8.017	8.9	7.4	0.229	0.478	7.43	7.575	8.375	8.84
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.9	7.824	8.9	7.4	0.269	0.519	7.43	7.575	8.375	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	12	0.013	0.015	0.04	0.001	0.	0.013	0.001	0.004	0.028	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	66.	70.	94.	50.	272.727	16.514	50.6	56.	86.	94.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	12	14.	14.25	46.	4.	116.205	10.78	4.3	8.5	15.	37.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	12	0.048	0.049	0.114	0.02	0.001	0.028	0.02	0.02	0.065	0.101
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	12	0.016	0.014	0.025	0.005	0.	0.006	0.005	0.007	0.018	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	12	1.385	1.508	5.09	0.23	1.494	1.222	0.326	0.888	1.613	4.124
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	12	0.762	0.712	1.02	0.229	0.079	0.281	0.259	0.509	0.98	1.017
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	12	0.07	0.074	0.171	0.023	0.002	0.04	0.025	0.043	0.093	0.153
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	12	0.028	0.036	0.124	0.01	0.001	0.031	0.01	0.017	0.045	0.102
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	12 ##	0.004	0.009	0.021	0.004	0.	0.007	0.004	0.004	0.015	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	111.	113.833	152.	90.	352.333	18.771	91.8	96.5	126.5	147.8
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	10	2.65	2.16	4.	0.1	1.96	1.4	0.14	0.65	3.325	3.97
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	1	170.	170.	170.	170.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	1	2.23	2.23	2.23	2.23	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			170.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	15.5	15.333	21.	7.	22.424	4.735	7.6	11.5	20.	21.

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Annual Analysis for 1991 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	14.2	16.317	28.7	2.9	83.923	9.161	4.1	9.	25.875	28.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	320.5	333.917	465.	228.	4141.356	64.353	238.5	291.25	381.5	442.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	11	8.1	8.173	13.7	2.9	6.598	2.569	3.72	7.1	9.2	12.94

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Annual Analysis for 1991 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	1.8	1.779	4.	0.05	2.264	1.505	0.065	0.1	3.175	3.88
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	8.25	8.142	8.5	7.2	0.137	0.37	7.38	7.925	8.4	8.47
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	12	8.247	7.939	8.5	7.2	0.182	0.427	7.38	7.925	8.4	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	12	0.006	0.012	0.063	0.003	0.	0.017	0.003	0.004	0.012	0.049
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	95.	91.333	138.	64.	460.606	21.462	64.	71.	103.5	127.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	12	10.	12.083	33.	2.	79.902	8.939	2.	6.5	15.75	30.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	12	0.068	0.067	0.17	0.02	0.002	0.045	0.02	0.02	0.095	0.151
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	12	0.013	0.014	0.028	0.005	0.	0.008	0.005	0.005	0.02	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	12	1.115	1.144	1.92	0.58	0.189	0.434	0.58	0.755	1.448	1.875
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	11	0.673	0.643	0.9	0.223	0.035	0.186	0.275	0.504	0.777	0.877
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	12	0.065	0.068	0.116	0.031	0.001	0.024	0.032	0.055	0.086	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	12	0.038	0.039	0.074	0.015	0.	0.018	0.016	0.025	0.047	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	12	0.021	0.02	0.044	0.003	0.	0.013	0.003	0.009	0.025	0.043
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	133.	140.333	182.	98.	831.879	28.842	101.6	114.5	167.5	182.
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	12	1.7	1.75	3.5	0.	1.41	1.187	0.15	0.675	3.025	3.44
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	14.	14.083	22.	6.	14.447	3.801	7.5	13.	16.5	20.5

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Annual Analysis for 1992 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	11	14.6	15.636	27.3	4.6	81.963	9.053	4.84	6.2	24.5	27.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	11	303.	284.545	353.	215.	2028.073	45.034	217.6	241.	319.	347.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	11	10.3	9.964	12.5	6.4	2.591	1.61	6.8	8.8	10.8	12.22
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	10	1.8	2.16	5.9	0.5	2.36	1.536	0.55	1.15	2.675	5.63
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.9	7.764	8.5	6.	0.555	0.745	6.24	7.3	8.3	8.48
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.9	6.962	8.5	6.	1.261	1.123	6.24	7.3	8.3	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	11	0.013	0.109	1.	0.003	0.088	0.296	0.003	0.005	0.05	0.813
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	11	74.	74.182	100.	54.	192.364	13.87	54.8	60.	84.	97.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	12	0.053	0.055	0.104	0.02	0.001	0.034	0.02	0.02	0.09	0.101
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	12	0.015	0.017	0.034	0.005	0.	0.009	0.007	0.01	0.025	0.033
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	12	1.12	1.195	1.68	0.75	0.076	0.276	0.786	1.038	1.458	1.638
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	10	0.615	0.553	0.813	0.3	0.039	0.198	0.303	0.335	0.715	0.805
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	12	0.076	0.075	0.113	0.037	0.001	0.023	0.04	0.054	0.095	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	12	0.028	0.03	0.051	0.007	0.	0.015	0.008	0.019	0.049	0.051
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	12	0.018	0.021	0.05	0.003	0.	0.017	0.003	0.005	0.036	0.047
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	11	130.	121.636	142.	86.	361.455	19.012	88.	108.	138.	141.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	11	2.5	2.082	4.2	0.3	1.502	1.225	0.32	0.6	2.7	4.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	8	105.	146.25	300.	40.	8912.5	94.406	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	8	2.009	2.078	2.477	1.602	0.091	0.302	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			119.738								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	11	13.	14.909	36.	9.	56.691	7.529	9.2	10.	16.	32.4

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Annual Analysis for 1993 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	16.45	16.225	29.7	3.1	108.935	10.437	3.43	4.775	27.125	29.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	324.	306.083	380.	206.	3685.72	60.71	210.8	245.	358.5	375.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	12	9.15	9.608	14.1	6.6	6.297	2.509	6.72	7.225	12.05	13.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	1.4	2.291	5.9	0.5	2.835	1.684	0.6	1.1	3.	5.66
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.95	7.567	8.5	5.7	0.801	0.895	5.94	6.775	8.3	8.5

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Annual Analysis for 1993 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.947	6.65	8.5	5.7	1.718	1.311	5.94	6.775	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	12	0.011	0.224	1.995	0.003	0.321	0.566	0.003	0.005	0.175	1.492
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	11	84.	80.545	112.	58.	327.273	18.091	58.	58.	90.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	6	0.1	0.085	0.1	0.05	0.001	0.023	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	10	0.055	0.102	0.54	0.02	0.025	0.159	0.02	0.02	0.082	0.501
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	9	0.02	0.019	0.03	0.005	0.	0.012	0.005	0.005	0.03	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	5	1.5	1.282	1.73	0.43	0.275	0.525	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	6	0.025	0.024	0.05	0.005	0.	0.016	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	138.	136.917	172.	97.	707.902	26.606	97.9	109.	163.5	170.8
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	10	2.25	2.37	4.6	0.7	1.707	1.306	0.73	1.075	3.4	4.54
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	11	230.	171.091	292.	20.	7477.091	86.47	32.	80.	230.	279.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	11	2.362	2.146	2.465	1.301	0.117	0.342	1.421	1.903	2.362	2.445
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			140.05								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	9.	11.	18.	7.	18.727	4.328	7.	7.25	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 1994 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	11	15.9	17.164	29.6	1.	84.563	9.196	2.16	9.6	24.6	29.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	11	324.	319.	428.	206.	4448.2	66.695	214.6	256.	367.	421.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	11	8.8	8.627	12.3	5.3	4.86	2.205	5.32	6.5	9.9	11.98
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	2.4	2.282	4.	0.5	1.092	1.045	0.6	1.7	2.8	3.94
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.6	7.636	8.4	6.6	0.311	0.557	6.66	7.4	8.	8.38
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.6	7.297	8.4	6.6	0.437	0.661	6.66	7.4	8.	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	11	0.025	0.05	0.251	0.004	0.006	0.075	0.004	0.01	0.04	0.226
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	11	92.	89.636	110.	54.	314.255	17.727	56.8	80.	108.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	11	0.1	0.226	1.	0.02	0.074	0.272	0.032	0.09	0.3	0.86
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	8	0.07	0.081	0.15	0.02	0.002	0.048	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	7	0.03	0.032	0.12	0.005	0.002	0.041	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	2	1.625	1.625	1.64	1.61	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	3	0.03	0.037	0.05	0.03	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	11	150.	156.909	230.	122.	995.491	31.551	123.2	134.	170.	221.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	18	2.3	2.856	9.1	0.7	6.132	2.476	0.7	1.6	2.9	9.1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	22	296.	396.364	1087.	93.	105323.671	324.536	103.2	130.	472.	1044.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	22	2.471	2.469	3.036	1.968	0.117	0.343	2.009	2.114	2.674	3.018
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			294.208								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	11	11.	12.091	19.	8.	12.691	3.562	8.	10.	15.	18.6

** - 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 NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	12	15.35	15.95	30.1	2.3	100.61	10.03	2.33	6.525	25.9	29.71
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	12	287.5	307.583	480.	233.	4838.992	69.563	237.8	254.25	350.75	444.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	12	7.9	8.292	12.5	4.4	7.132	2.671	4.7	5.925	11.1	12.35
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	2.05	2.275	4.4	1.	1.388	1.178	1.03	1.125	3.225	4.22
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.8	7.658	8.3	6.7	0.208	0.456	6.82	7.4	7.975	8.24
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	12	7.789	7.406	8.3	6.7	0.277	0.527	6.82	7.4	7.975	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	12	0.016	0.039	0.2	0.005	0.003	0.055	0.006	0.011	0.04	0.163
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	80.	81.5	110.	60.	197.909	14.068	63.	72.	92.5	107.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	8	17.	13.5	24.	2.	64.286	8.018	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	5 ##	0.02	0.043	0.103	0.02	0.001	0.036	**	**	**	**

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

Annual Analysis for 1995 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	6	0.019	0.016	0.026	0.005	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	120.	130.083	176.	104.	546.992	23.388	104.	112.5	149.25	171.2
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	4	3.7	3.525	5.5	1.2	4.249	2.061	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	11	300.	346.773	944.	10.5	113788.168	337.325	14.4	40.	540.	935.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	11	2.477	2.232	2.975	1.021	0.42	0.648	1.112	1.602	2.732	2.971
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			170.492								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	7.5	9.417	26.	4.	37.72	6.142	4.3	5.	11.5	22.7

** - 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 1996 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	11	16.1	15.564	27.4	1.3	80.421	8.968	2.16	6.9	25.1	27.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	11	262.	264.455	307.	224.	682.673	26.128	224.4	248.	286.	304.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	11	9.9	9.473	13.	6.1	4.852	2.203	6.22	7.2	11.4	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	10	2.3	2.49	4.	1.5	0.75	0.866	1.51	1.825	3.05	3.98
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.7	7.645	8.4	7.1	0.191	0.437	7.1	7.1	8.	8.34
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	11	7.7	7.465	8.4	7.1	0.226	0.476	7.1	7.1	8.	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	11	0.02	0.034	0.079	0.004	0.001	0.031	0.005	0.01	0.079	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	12	65.	63.167	96.	38.	276.697	16.634	39.2	48.5	73.5	90.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	9	10.	15.222	40.	3.	152.194	12.337	3.	5.5	25.	40.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	2 ##	0.031	0.031	0.042	0.02	0.	0.016	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	12	140.	143.667	172.	124.	264.061	16.25	124.3	128.75	156.	170.2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	10	140.	247.	1200.	60.	118645.556	344.45	60.	67.5	242.5	1105.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	10	2.102	2.173	3.079	1.778	0.17	0.413	1.778	1.828	2.385	3.011
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			148.856								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	12	10.	17.167	70.	5.	329.788	18.16	5.6	8.	21.	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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	41	25.3	25.451	31.5	14.9	15.959	3.995	19.92	23.15	28.6	30.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	41	315.	323.854	467.	226.	2375.678	48.741	259.4	296.5	356.	394.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	38	7.7	7.984	11.3	4.4	3.131	1.769	5.76	6.65	9.35	10.71
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	38	2.8	3.289	8.8	0.4	2.785	1.669	1.68	2.	4.65	5.27
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	41	8.	8.034	8.9	7.1	0.12	0.347	7.6	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	41	8.	7.889	8.9	7.1	0.142	0.377	7.6	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	41	0.01	0.013	0.079	0.001	0.	0.014	0.004	0.005	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	40	86.	82.3	108.	10.	330.985	18.193	62.2	77.	94.	99.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	29	10.	11.799	46.	0.06	133.58	11.558	0.1	1.15	17.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	31	0.04	0.049	0.114	0.02	0.001	0.034	0.02	0.02	0.066	0.111
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	31	0.018	0.022	0.066	0.005	0.	0.015	0.005	0.015	0.03	0.039
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	28	0.76	0.872	5.09	0.07	0.793	0.891	0.205	0.475	1.058	1.161
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	21	0.814	0.749	1.17	0.02	0.122	0.349	0.021	0.662	1.009	1.084
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	20	0.091	0.089	0.119	0.042	0.	0.02	0.058	0.077	0.103	0.116
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	20	0.038	0.049	0.198	0.013	0.002	0.04	0.025	0.027	0.055	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	28	0.01	0.019	0.168	0.004	0.001	0.032	0.004	0.004	0.021	0.041
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	41	136.	138.537	188.	80.	406.605	20.164	115.2	129.	151.	160.8
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	30	2.1	2.667	9.1	0.7	4.407	2.099	0.71	1.275	3.225	5.41
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-01/23/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-01/23/95	7 ##	5.	6.429	15.	5.	14.286	3.78	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-01/23/95	7 ##	12.5	10.357	12.5	5.	13.393	3.66	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/23/85-01/23/95	7	493.	472.	795.	256.	43622.	208.859	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-01/23/95	7 ##	25.	19.571	25.	5.	86.286	9.289	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-01/23/95	7	26.	72.429	171.	10.	4682.619	68.43	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	28	130.	952.607	14000.	40.	7305166.618	2702.807	59.	80.	497.5	1630.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	28	2.114	2.378	4.146	1.602	0.377	0.614	1.77	1.903	2.697	3.169
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			238.598								
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-01/23/95	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	41	12.	13.561	30.	5.	24.452	4.945	8.	10.5	15.5	21.8

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	63	6.8	8.337	28.1	0.3	28.449	5.334	2.18	4.7	12.5	15.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	63	294.	313.	525.	125.	5585.097	74.734	238.	262.	353.	427.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	62	10.8	10.489	14.1	0.8	5.471	2.339	7.69	9.625	12.	12.85
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	62	1.45	1.754	6.	0.	1.591	1.261	0.22	1.	2.2	3.7
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	62	7.65	7.548	8.9	2.5	0.819	0.905	6.7	7.375	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	62	7.647	4.292	8.9	2.5	11.599	3.406	6.7	7.375	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	62	0.023	51.099	3162.278	0.001	161280.623	401.598	0.004	0.01	0.042	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	63	70.	74.698	138.	4.	592.279	24.337	52.8	59.	92.	108.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	43	8.	10.474	40.	0.	111.252	10.548	0.044	2.	16.	25.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	50	0.055	0.06	0.172	0.	0.002	0.041	0.02	0.02	0.08	0.105
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	54	0.011	0.015	0.08	0.005	0.	0.015	0.005	0.005	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	47	1.5	1.458	2.43	0.73	0.15	0.387	0.816	1.18	1.71	1.88
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	38	0.47	0.441	1.01	0.02	0.069	0.264	0.029	0.269	0.664	0.722
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	33	0.066	0.066	0.171	0.022	0.001	0.03	0.031	0.044	0.079	0.102
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	34	0.036	0.036	0.124	0.005	0.001	0.024	0.008	0.02	0.048	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	45	0.021	0.023	0.08	0.	0.	0.017	0.004	0.008	0.034	0.045
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	63	125.	133.46	230.	94.	912.736	30.212	98.	108.	156.	179.6
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	42	2.2	2.193	5.6	0.	1.952	1.397	0.5	0.9	3.25	4.1
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-01/23/95	11 ##	2.5	2.364	2.5	1.	0.205	0.452	1.3	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-01/23/95	11 ##	5.	4.773	5.	2.5	0.568	0.754	3.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-01/23/95	11 ##	12.5	10.909	12.5	5.	9.091	3.015	5.	10.	12.5	12.5

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	04/23/85-01/23/95	11	398.	565.727	1500.	0.	224314.018	473.618	44.8	258.	560.	1486.
01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-01/23/95	11 ##	25.	17.364	25.	2.5	113.205	10.64	2.5	5.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-01/23/95	11	30.	26.818	47.	0.	226.364	15.045	1.2	20.	38.	46.4
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	41	230.	406.927	2450.	9.5	251316.532	501.315	20.	105.	447.	1177.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	41	2.362	2.299	3.389	0.978	0.346	0.588	1.301	2.009	2.648	3.071
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			199.278								
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-01/23/95	11 ##	0.1	0.118	0.3	0.1	0.004	0.06	0.1	0.1	0.1	0.26
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	64	12.	15.484	72.	3.	176.635	13.29	6.	8.	17.	30.

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/20/83-12/02/96	36	20.95	20.522	29.6	10.4	32.543	5.705	12.91	15.375	25.9	27.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/20/83-12/02/96	36	270.5	274.333	480.	158.	3992.457	63.186	213.5	231.25	299.	331.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/20/83-12/02/96	35	8.7	8.731	12.2	5.3	3.365	1.834	6.52	7.	10.3	11.32
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	33	2.8	2.755	6.	0.	2.046	1.43	0.74	1.85	3.7	4.66
00400	PH (STANDARD UNITS)	12/20/83-12/02/96	35	8.	7.98	9.	6.6	0.363	0.602	7.1	7.5	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/20/83-12/02/96	35	8.	7.571	9.	6.6	0.535	0.732	7.1	7.5	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/83-12/02/96	35	0.01	0.027	0.251	0.001	0.002	0.047	0.002	0.003	0.032	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/83-12/02/96	36	76.5	74.278	110.	50.	166.778	12.914	57.4	65.25	81.5	91.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/20/83-12/02/96	28	10.5	11.195	51.	0.05	110.299	10.502	0.1	2.5	14.	24.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/20/83-03/12/96	26	0.047	0.068	0.54	0.02	0.01	0.102	0.02	0.02	0.074	0.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-07/17/95	31	0.02	0.022	0.12	0.005	0.	0.02	0.006	0.013	0.025	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/83-04/11/94	26	1.045	0.996	1.61	0.18	0.108	0.329	0.454	0.825	1.18	1.472
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/83-12/14/92	20	0.621	0.608	1.3	0.02	0.13	0.36	0.02	0.34	0.892	1.099
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/83-12/14/92	17	0.066	0.069	0.116	0.045	0.	0.02	0.047	0.053	0.083	0.1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/20/83-12/14/92	17	0.024	0.024	0.047	0.005	0.	0.013	0.005	0.014	0.034	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/83-04/17/95	27 ##	0.004	0.009	0.05	0.003	0.	0.011	0.003	0.004	0.011	0.025
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/84-12/02/96	36	126.	125.028	170.	86.	528.656	22.993	94.2	106.	134.75	164.
00956	SILICA, TOTAL (MG/L AS SI02)	12/20/83-07/17/95	23	2.4	1.828	3.2	0.05	1.1	1.049	0.14	0.7	2.5	3.04
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-01/23/95	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-01/23/95	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-01/23/95	4 ##	8.75	8.75	12.5	5.	18.75	4.33	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/23/85-01/23/95	4	401.	450.25	811.	188.	93012.917	304.98	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-01/23/95	4 ##	25.	19.375	25.	2.5	126.563	11.25	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-01/23/95	4	36.5	44.75	91.	15.	1213.583	34.837	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	2 ##	4.25	4.25	6.	2.5	6.125	2.475	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	24	230.	499.917	4900.	20.	956309.732	977.911	30.	80.	472.	916.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/20/83-12/02/96	24	2.362	2.334	3.69	1.301	0.315	0.561	1.452	1.903	2.674	2.962
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			215.706								
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-01/23/95	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/20/83-12/02/96	36	12.	12.472	22.	7.	15.513	3.939	7.	10.	14.75	19.3

** - 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: NACC0102

NPS Station ID: NACC0102
LAT/LON: 38.886949/ -77.055976
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT MEMORIAL BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-002B /02B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 3.720
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004003.03
RF3 Mile Point: 3.02
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	84	20.5	19.66	30.5	2.5	57.944	7.612	7.5	15.125	25.65	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/07/73-06/23/76	27	11.	18.374	69.	2.1	312.199	17.669	5.32	6.9	26.	50.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	50	17.	19.856	120.	3.3	328.221	18.117	6.55	10.	23.25	34.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/29/71-12/02/76	30	22.5	26.867	108.	6.	504.602	22.463	10.1	12.	27.75	58.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	24	0.705	0.707	2.2	0.28	0.178	0.422	0.28	0.31	0.873	1.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	13	350.	319.462	461.	191.	5884.936	76.713	194.6	255.	360.	425.
00096	SALINITY AT 25 DEGREES C (MG/ML)	04/22/71-06/10/71	8	0.25	0.213	0.3	0.	0.012	0.109	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	8	7.25	7.313	9.8	5.2	1.904	1.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	121	8.1	8.701	14.4	1.6	4.789	2.188	6.6	7.1	9.8	11.84
00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	22	1.95	2.118	7.9	0.4	2.482	1.575	0.5	1.125	2.725	3.34
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/72-09/15/81	16	7.56	7.585	9.06	6.35	0.46	0.679	6.525	7.213	7.95	8.612
00400	CONVERTED PH (STANDARD UNITS)	03/16/72-09/15/81	16	7.56	7.153	9.06	6.35	0.66	0.812	6.525	7.212	7.95	8.612
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/72-09/15/81	16	0.028	0.07	0.447	0.001	0.014	0.117	0.003	0.011	0.061	0.31
00480	SALINITY - PARTS PER THOUSAND	07/23/80-09/09/80	4	0.07	0.068	0.08	0.05	0.	0.013	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	61 ##	0.02	0.032	0.137	0.01	0.001	0.029	0.02	0.02	0.029	0.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/71-06/23/76	54	0.07	0.08	0.512	0.001	0.005	0.07	0.039	0.045	0.091	0.132
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	64 ##	0.01	0.011	0.027	0.005	0.	0.005	0.005	0.01	0.013	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	64	0.535	0.575	1.47	0.08	0.103	0.32	0.23	0.28	0.68	1.105
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	57	0.32	0.302	0.568	0.001	0.01	0.098	0.1	0.264	0.352	0.406
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	116	0.46	0.499	1.121	0.231	0.031	0.177	0.32	0.359	0.62	0.749
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/71-12/02/76	55	0.88	0.856	1.63	0.001	0.175	0.419	0.202	0.54	1.17	1.388
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	99	0.27	0.301	1.01	0.04	0.022	0.147	0.16	0.22	0.35	0.45
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	38	0.1	0.096	0.18	0.05	0.001	0.037	0.05	0.06	0.113	0.16
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/71-12/02/76	55	0.08	0.094	0.31	0.008	0.005	0.074	0.01	0.04	0.14	0.184
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	19	0.065	0.071	0.154	0.05	0.001	0.023	0.054	0.06	0.074	0.094
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	19	0.027	0.033	0.088	0.014	0.	0.019	0.016	0.023	0.034	0.078
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	19	0.013	0.02	0.084	0.004	0.	0.022	0.004	0.007	0.023	0.072
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	101	5.3	5.325	12.9	0.5	5.132	2.265	2.6	3.75	6.5	7.58
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/14/79-08/14/79	34	1.9	2.25	5.4	0.5	3.082	1.756	0.5	0.5	4.025	4.8
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	47	23.2	22.819	30.7	15.5	18.018	4.245	16.6	19.5	25.5	29.3
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3071.	2923.667	3910.	1640.	568232.667	753.812	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	2845.	2845.	4900.	790.	8446050.	2906.209	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.294	3.294	3.69	2.898	0.314	0.56	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1967.486								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	1660.	1660.	3300.	20.	5379200.	2319.31	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	2.41	2.41	3.519	1.301	2.459	1.568	**	**	**	**

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

Parameter Inventory for Station: NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.905								
32230	CHLOROPHYLL A (MG/L)	07/12/72-10/09/79	43	0.015	0.017	0.063	0.	0.	0.012	0.003	0.01	0.022	0.028
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	44 ##	0.03	0.055	0.325	0.02	0.004	0.06	0.02	0.02	0.056	0.151

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

EPA Water Quality Criteria Analysis for Station: NACC0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	27	2	0.07	10	0	0.00	7	0	0.00	10	2	0.20			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	50	2	0.04	43	1	0.02				7	1	0.14			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	7	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	1	0.01	68	1	0.01	18	0	0.00	35	0	0.00			
00400	PH	Fresh Chronic	9.	16	1	0.06	11	1	0.09	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	16	1	0.06	11	1	0.09	2	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	64	0	0.00	55	0	0.00				9	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	64	0	0.00	55	0	0.00				9	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	55	0	0.00	17	0	0.00	18	0	0.00	20	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Annual Analysis for 1971 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	17	17.6	18.982	27.5	8.5	22.635	4.758	13.7	16.5	21.9	27.5
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	16	7.8	7.706	11.6	1.6	6.707	2.59	3.77	6.225	9.525	11.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	7	0.741	0.731	1.121	0.235	0.116	0.341	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	8	0.18	0.28	0.56	0.11	0.039	0.198	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	8	6.55	5.913	11.3	1.1	10.804	3.287	**	**	**	**

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

Annual Analysis for 1972 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	14	17.25	16.2	25.5	3.	71.114	8.433	3.5	7.375	24.125	25.
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	15	10.5	10.487	14.4	6.6	6.791	2.606	7.44	8.1	13.2	14.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	15	0.569	0.591	0.8	0.36	0.02	0.141	0.384	0.462	0.74	0.782
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	15	0.26	0.277	0.49	0.16	0.01	0.099	0.16	0.2	0.36	0.46
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	15	6.6	7.24	12.9	4.	6.411	2.532	4.36	5.2	7.7	11.94

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

Annual Analysis for 1973 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	17	15.5	15.941	26.5	5.	54.34	7.372	5.4	9.25	24.	26.5
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	17	9.5	9.924	13.	7.	3.716	1.928	7.4	8.15	11.55	13.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	17	0.558	0.54	0.861	0.283	0.035	0.186	0.291	0.362	0.722	0.785
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	17	0.26	0.359	1.01	0.14	0.065	0.255	0.148	0.19	0.42	0.858
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	17	6.1	6.124	9.8	3.4	3.351	1.83	3.8	4.3	7.2	9.64

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

Annual Analysis for 1974 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	8	24.	20.375	28.5	3.	88.196	9.391	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	8	8.35	9.762	14.1	6.1	9.234	3.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	9	0.515	0.554	0.876	0.421	0.018	0.134	0.421	0.48	0.592	0.876
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	9	0.23	0.261	0.39	0.15	0.007	0.084	0.15	0.205	0.355	0.39
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	9	5.9	6.089	10.	3.5	3.009	1.735	3.5	5.3	6.55	10.

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

Annual Analysis for 1975 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	4	27.75	27.375	28.5	25.5	1.729	1.315	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	4	8.	7.925	8.5	7.2	0.296	0.544	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	4	0.478	0.495	0.624	0.401	0.009	0.096	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	4	0.305	0.32	0.46	0.21	0.017	0.129	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	4	7.05	5.8	8.2	0.9	11.1	3.332	**	**	**	**

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

Annual Analysis for 1976 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	2	15.25	15.25	28.	2.5	325.125	18.031	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	2	11.1	11.1	14.1	8.1	18.	4.243	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	2	0.403	0.403	0.475	0.331	0.01	0.102	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	2	0.245	0.245	0.45	0.04	0.084	0.29	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	2	5.2	5.2	6.4	4.	2.88	1.697	**	**	**	**

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

Annual Analysis for 1979 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	13	23.2	21.892	30.	14.	29.439	5.426	14.	17.25	26.9	28.96
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	43	7.4	7.83	11.	6.1	1.44	1.2	6.8	7.	8.5	9.86
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	45	0.428	0.447	0.705	0.231	0.018	0.133	0.26	0.346	0.598	0.64
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	44	0.285	0.3	0.65	0.14	0.009	0.094	0.225	0.24	0.318	0.42
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	41	4.2	4.207	7.3	0.5	2.033	1.426	2.36	3.5	5.05	6.26

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

Annual Analysis for 1980 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	4	29.9	29.55	30.5	27.9	1.457	1.207	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	11	8.1	8.227	10.	6.3	1.684	1.298	6.32	7.2	9.5	9.96
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	10	0.356	0.358	0.424	0.236	0.003	0.057	0.245	0.326	0.417	0.424
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	5	3.1	3.38	5.8	2.4	1.937	1.392	**	**	**	**

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

Annual Analysis for 1981 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	5	25.7	25.02	29.3	19.	14.177	3.765	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	5	8.9	8.86	11.1	6.8	2.873	1.695	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	7	0.447	0.457	0.758	0.272	0.027	0.164	**	**	**	**

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	34	26.5	25.591	30.5	14.	16.131	4.016	18.75	24.5	28.	29.7
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	68	7.45	7.706	11.1	1.6	2.098	1.449	6.58	7.	8.45	9.81
00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	15	2.2	2.113	3.4	0.5	0.776	0.881	0.68	1.4	2.8	3.28
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	50	0.322	0.311	0.439	0.001	0.007	0.082	0.227	0.274	0.352	0.403
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	70	0.435	0.491	1.121	0.236	0.03	0.174	0.325	0.359	0.611	0.742
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	54	0.29	0.301	0.65	0.14	0.008	0.091	0.215	0.24	0.335	0.42
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	56	4.6	5.066	12.9	0.9	5.008	2.238	2.57	3.5	6.375	7.36
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	16	25.3	25.194	30.7	19.7	11.163	3.341	20.82	22.075	28.075	30.35

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	16	7.5	7.988	15.5	2.5	18.856	4.342	2.85	4.25	12.1	15.15
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	18	12.45	12.222	14.4	8.9	3.021	1.738	8.9	11.2	14.025	14.13
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	17	0.421	0.44	0.8	0.283	0.018	0.133	0.291	0.332	0.533	0.615
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	18	0.225	0.231	0.44	0.04	0.012	0.111	0.112	0.148	0.345	0.395
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	18	5.35	5.178	7.6	1.1	3.663	1.914	1.46	4.	6.725	7.51
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	16	21.65	21.238	29.3	15.5	20.948	4.577	15.85	16.6	24.275	29.02

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/71-09/15/81	34	18.75	19.221	28.	10.5	18.534	4.305	13.5	16.55	24.	24.45
00300	OXYGEN, DISSOLVED MG/L	03/29/71-08/19/81	35	8.4	8.823	12.6	6.1	2.697	1.642	6.42	8.	9.8	11.38
00310	BOD, 5 DAY, 20 DEG C MG/L	06/19/74-09/15/81	7	1.5	2.129	7.9	0.4	6.876	2.622	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/15/81	7	0.229	0.238	0.568	0.1	0.029	0.169	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/71-09/15/81	29	0.558	0.55	1.052	0.231	0.039	0.197	0.244	0.42	0.7	0.766
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/29/71-10/09/79	27	0.26	0.349	1.01	0.11	0.051	0.225	0.154	0.2	0.45	0.748
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/29/71-09/16/80	27	6.	5.959	11.3	0.5	6.173	2.484	3.22	4.3	6.6	10.1
00690	CARBON, TOTAL (MG/L AS C)	03/16/72-07/31/79	15	22.4	21.973	29.3	17.2	14.728	3.838	17.26	18.5	24.4	28.52

** - 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

Station Inventory for Station: NACC0103

NPS Station ID: NACC0103
LAT/LON: 38.887226/ -77.055559
Agency: 1110NET
Date Created: / /
Location: POTOMAC RIVER AT WASHINGTON
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100130
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0100.70
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 3.720
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
ACTIVATION DATE' JULY 15, 1963. SAMPLED BY' DISTRICT OF COLUMBIA DEPT.OF SANITARY ENGINEERING. FIELD ANALYSIS BY' DISTRICT OF COLUMBIA DEPT. OF SANITARY ENGINEERING. OTHER COOPERATING AGENCIES' DEPT. OF THE INTERIOR, NATIONAL PARK SERVICE AND DISTRICT OF COLUMBIA DEPT. OF PUBLIC HEALTH. NEAREST PERTINENT GAGING STATION' NEAR WASH.,D.C., OPERATED BY'U.S.G.S. DRAINAGE AREA AT GAGING STATION' 11,560 SQUARE MILES/ADJUSTED/. PERIOD OF RECORD' 1930 TO PRESENT. REMARKS' DIVERSION ABOVE GAGING STATION FOR DISTRICT OF COLUMBIA MUNICIPAL SUPPLY. AVERAGE DISCHARGE ADJUSTED FOR DIVERSION. 3853140 07703200

Parameter Inventory for Station: NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	264	14.8	15.071	29.6	0.4	87.433	9.351	2.4	6.25	23.9	27.45
00060	FLOW, STREAM, MEAN DAILY CFS	07/17/63-03/30/65	87	3320.	7845.667	57200.	433.	102410684.341	10119.816	949.2	1430.	11000.	18080.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	248	27.5	48.218	720.	11.5	6484.653	80.527	12.5	12.5	48.	98.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	10/01/68-01/07/69	15	14.	25.067	80.	4.	571.21	23.9	5.8	9.	30.	72.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	255	6.	7.325	31.	0.	12.756	3.572	5.	5.	9.	11.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/02/68-01/07/69	10	363.	356.3	620.	170.	16744.9	129.402	176.8	256.75	410.75	606.8
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	261	9.8	9.778	15.1	3.	10.246	3.201	5.72	7.1	12.7	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	259	2.4	2.637	8.6	0.1	2.087	1.445	1.	1.7	3.2	4.4
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	240	16.	22.955	185.	0.4	877.485	29.622	1.1	8.	27.	39.9
00340	COD, .25N K2CR2O7 MG/L	10/01/68-01/07/69	12	17.5	15.5	24.	3.	56.273	7.502	3.6	8.75	22.75	24.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/17/63-11/16/65	108	0.8	0.812	2.3	0.1	0.192	0.438	0.3	0.5	1.	1.4
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/17/63-11/16/65	104	4.9	4.713	7.9	1.2	2.348	1.532	2.55	3.425	5.575	6.85
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	263	7.7	7.662	9.4	6.4	0.185	0.43	7.2	7.4	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	263	7.7	7.463	9.4	6.4	0.224	0.473	7.2	7.4	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	263	0.02	0.034	0.398	0.	0.002	0.041	0.006	0.013	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	250	80.	81.68	172.	5.	475.648	21.809	58.	67.75	94.5	109.8
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/68-01/07/69	14	90.	93.214	120.	35.	491.72	22.175	57.5	83.	111.5	120.
00500	RESIDUE, TOTAL (MG/L)	11/05/68-11/26/68	4	256.5	247.5	300.	177.	3291.	57.367	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	243	184.	188.51	339.	102.	1775.143	42.132	139.2	160.	212.	250.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/63-01/07/69	73	40.	74.822	321.	10.	6425.176	80.157	20.8	32.	55.	234.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-11/16/65	113	0.3	0.335	1.1	0.	0.047	0.217	0.	0.2	0.5	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/64-01/07/69	44	0.85	0.775	1.6	0.05	0.23	0.48	0.1	0.37	1.2	1.45
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/08/64-01/07/69	41	0.8	1.168	6.6	0.1	1.791	1.338	0.22	0.4	1.45	2.26
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/05/65-08/02/66	13	0.1	0.238	0.8	0.05	0.067	0.258	0.05	0.05	0.35	0.76
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/01/68-01/07/69	14	0.1	0.114	0.3	0.	0.006	0.077	0.	0.1	0.125	0.25
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	238	0.1	0.08	0.5	0.	0.006	0.078	0.	0.	0.1	0.2

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

Parameter Inventory for Station: NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/08/64-01/07/69	42	0.035	0.059	0.45	0.005	0.005	0.072	0.01	0.028	0.073	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/08/64-01/07/69	41	0.01	0.015	0.06	0.005	0.	0.013	0.005	0.005	0.02	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/65-01/07/69	36	4.35	4.642	12.	1.1	6.236	2.497	2.04	2.7	5.375	8.27
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/65-01/07/69	31	2.5	2.813	9.5	1.	2.828	1.682	1.2	1.8	3.	4.52
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	261	112.	115.762	248.	50.	937.213	30.614	84.	96.	129.	151.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/01/64-01/01/69	9	12.	13.7	23.	7.	32.435	5.695	7.	8.9	18.5	23.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/01/64-01/01/69	9	2.3	2.467	3.3	1.9	0.33	0.574	1.9	1.95	3.1	3.3
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	264	18.	20.398	76.	5.	137.077	11.708	9.5	13.	25.	33.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	252	36.	44.94	119.	14.	480.869	21.929	22.	28.	61.75	78.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/01/64-01/01/69	9	0.12	0.128	0.29	0.05	0.005	0.07	0.05	0.085	0.145	0.29
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/01/64-01/01/69	10 ##	19.	20.05	35.	12.5	43.525	6.597	12.75	15.375	24.25	34.
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/01/64-01/01/69	10	33.	31.2	56.	15.	149.511	12.227	15.	18.75	36.25	54.1
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/01/64-01/01/69	10 ##	0.028	0.027	0.04	0.015	0.	0.009	0.015	0.019	0.035	0.04
01020	BORON, DISSOLVED (UG/L AS B)	01/01/64-01/01/69	10	26.5	41.9	152.	10.	1810.544	42.55	10.8	20.25	46.	144.4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/01/64-01/01/69	10 ##	3.5	4.3	8.	1.5	4.678	2.163	1.6	2.875	6.625	7.9
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/01/64-01/01/69	10 ##	2.	3.6	13.	0.5	15.211	3.9	0.6	1.5	4.625	12.5
01035	COBALT, DISSOLVED (UG/L AS CO)	01/01/64-01/01/69	10 ##	3.5	3.9	7.	1.5	2.989	1.729	1.6	2.875	5.	6.95
01040	COPPER, DISSOLVED (UG/L AS CU)	01/01/64-01/01/69	10	8.	9.55	23.	2.	44.692	6.685	2.1	3.375	13.75	22.3
01045	IRON, TOTAL (UG/L AS FE)	01/01/64-01/01/69	10 ##	3.	9.45	43.	1.5	188.692	13.737	1.5	1.5	14.25	41.1
01049	LEAD, DISSOLVED (UG/L AS PB)	01/01/64-01/01/69	10 ##	8.5	10.8	24.	5.5	36.344	6.029	5.55	6.	14.5	23.2
01055	MANGANESE, TOTAL (UG/L AS MN)	01/01/64-01/01/69	10 ##	2.125	2.405	5.	0.9	1.464	1.21	0.96	1.538	3.125	4.85
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/01/64-01/01/69	10 ##	8.	10.7	34.	3.	78.844	8.879	3.25	5.875	13.625	32.
01065	NICKEL, DISSOLVED (UG/L AS NI)	01/01/64-01/01/69	10 ##	4.	4.2	7.	1.5	3.289	1.814	1.6	2.875	6.125	6.95
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	01/01/64-01/01/69	10 ##	15.75	22.25	84.	5.5	509.569	22.574	5.55	12.75	21.75	78.3
01075	SILVER, DISSOLVED (UG/L AS AG)	01/01/64-01/01/69	10 ##	0.425	0.855	3.7	0.3	1.129	1.063	0.3	0.3	0.9	3.48
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/01/64-01/01/69	10	112.	135.	270.	60.	5091.111	71.352	62.	83.	175.	268.
01085	VANADIUM, DISSOLVED (UG/L AS V)	01/01/64-01/01/69	10 ##	7.	8.55	20.	3.	24.581	4.958	3.25	5.875	10.25	19.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/01/64-01/01/69	10	11.5	34.6	240.	4.	5245.6	72.427	4.3	7.	19.	218.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	01/01/64-01/01/69	10 ##	12.	19.75	42.	2.5	264.514	16.264	2.65	5.5	39.25	41.8
01501	ALPHA, TOTAL	07/17/63-01/07/69	101	0.	0.713	8.	0.	1.687	1.299	0.	0.	1.	1.8
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	101	1.	0.832	4.	0.	0.381	0.618	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	101	0.	0.267	2.	0.	0.258	0.508	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	101	1.	0.703	2.	0.	0.291	0.539	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	101	0.	0.446	8.	0.	1.49	1.22	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	101	0.	0.436	4.	0.	0.408	0.639	0.	0.	1.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	101	10.	13.634	84.	2.	138.254	11.758	4.	6.	17.	28.
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	101	2.	4.317	16.	1.	14.399	3.795	1.	1.	7.	10.
03503	BETA, DISSOLVED	07/17/63-01/07/69	101	7.	9.683	37.	2.	60.379	7.77	3.	5.	11.	22.8
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	101	2.	3.347	9.	1.	7.209	2.685	1.	1.	5.	8.
03505	BETA, SUSPENDED	07/17/63-01/07/69	101	2.	3.95	47.	0.	51.948	7.207	0.	1.	4.	8.
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	101	2.	2.822	14.	1.	6.888	2.624	1.	1.	5.	6.
13501	STRONTIUM 90, TOTAL	07/01/63-01/01/65	4	1.55	1.9	3.4	1.1	1.127	1.061	**	**	**	**
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	243	4000.	16429.753	200000.	60.	1072722760.063	32752.447	512.	1500.	12000.	59200.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	243	3.602	3.636	5.301	1.778	0.528	0.726	2.709	3.176	4.079	4.772
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4329.993								
32000	SAMPLE SIZE (LITERS)	11/09/66-08/06/68	22	1224.	1178.955	1929.	623.	100171.093	316.498	718.1	967.5	1413.5	1490.9
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	59	364.	1331.559	5266.	165.	2804861.458	1674.772	270.	314.	2650.	4382.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	61	613.	584.18	1299.	138.	99719.317	315.784	182.4	258.	822.5	964.6
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	61	437.	426.705	907.	73.	63531.311	252.054	107.2	128.5	637.	744.4
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	63	152.	163.968	470.	44.	8109.58	90.053	64.2	97.	226.	267.6
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	07/16/63-11/05/63	4	4.5	5.25	10.	2.	12.917	3.594	**	**	**	**
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	07/16/63-11/05/63	4	26.5	26.75	34.	20.	36.917	6.076	**	**	**	**
32023	ACIDS, STRONG	07/16/63-11/05/63	4	6.	6.25	8.	5.	1.583	1.258	**	**	**	**
32024	ACIDS, WEAK	07/16/63-11/05/63	4	8.5	8.75	11.	7.	2.917	1.708	**	**	**	**
32025	BASES	07/16/63-11/05/63	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
32026	NEUTRALS, TOTAL	07/16/63-11/05/63	4	25.5	26.25	31.	23.	15.583	3.948	**	**	**	**
32027	ALIPHATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	4	2.	2.25	4.	1.	1.583	1.258	**	**	**	**
32028	AROMATICS FRACTION OF NEUTRALS	07/16/63-11/05/63	4	2.	2.75	5.	2.	2.25	1.5	**	**	**	**
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	07/16/63-11/05/63	4	20.	20.	23.	17.	8.667	2.944	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/03/64-06/04/68	44	0.05	0.053	0.15	0.02	0.001	0.026	0.02	0.03	0.06	0.09
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.002	0.007	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.003	0.009	0.025	0.	0.	0.014	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	09/23/64-09/29/67	3	0.	0.001	0.003	0.	0.	0.002	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	07/17/63-11/05/68	66	4350.	9228.788	76200.	200.	202260850.816	14221.844	470.	1350.	10300.	22110.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	64	0.	8.594	140.	0.	923.388	30.387	0.	0.	0.	20.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	07/17/63-09/10/68	64	0.	8.281	100.	0.	395.412	19.885	0.	0.	0.	40.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	07/17/63-11/05/68	66	1370.	3677.879	33440.	0.	44593601.585	6677.844	50.	265.	3535.	10949.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	07/17/63-09/10/68	65	0.	6.769	440.	0.	2978.462	54.575	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	07/17/63-11/05/68	66	130.	427.121	7560.	0.	1158857.739	1076.503	0.	47.5	335.	806.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	07/17/63-09/10/68	64	0.	36.094	440.	0.	5509.896	74.229	0.	0.	40.	75.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	07/17/63-06/06/67	55	32.	40.273	98.	7.	711.313	26.67	10.	15.	62.	84.
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	11/08/66-06/06/67	3	20.	18.667	25.	11.	50.333	7.095	**	**	**	**
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	11/08/66-06/06/67	3	12.	11.333	13.	9.	4.333	2.082	**	**	**	**
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	11/08/66-06/06/67	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	11/08/66-06/06/67	3	19.	32.333	64.	14.	758.333	27.538	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	07/17/63-11/05/68	66	2065.	4206.515	49400.	0.	58602515.361	7655.228	70.	360.	4867.5	10493.
60600	DIATOMS, PENNATE (/ML)	07/17/63-11/05/68	66	445.	924.091	4350.	0.	1240406.084	1113.735	90.	227.5	1160.	3145.
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	11/08/66-11/05/68	15	780.	940.133	4000.	130.	900385.981	948.887	137.2	330.	1110.	2608.
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	11/08/66-11/05/68	15	270.	420.	2640.	20.	404400.	635.925	50.	130.	440.	1386.
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	11/08/66-06/06/67	3	3600.	3900.	7200.	900.	9990000.	3160.696	**	**	**	**
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/08/66-06/06/67	3	3600.	2700.	3600.	900.	2430000.	1558.846	**	**	**	**
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/08/66-06/06/67	3	1800.	1350.	1800.	450.	607500.	779.423	**	**	**	**
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/08/66-06/06/67	3	450.	900.	1800.	450.	607500.	779.423	**	**	**	**
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/08/66-06/06/67	3	450.	825.	1800.	225.	725625.	851.836	**	**	**	**
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/08/66-06/06/67	3	225.	450.	900.	225.	151875.	389.711	**	**	**	**
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/08/66-06/06/67	3	225.	450.	900.	225.	151875.	389.711	**	**	**	**
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	06/06/67-06/06/67	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	06/06/67-06/06/67	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	11/08/66-06/06/67	3	68.	59.667	87.	24.	1044.333	32.316	**	**	**	**
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/08/66-06/06/67	3	71.	67.667	81.	51.	233.333	15.275	**	**	**	**
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/08/66-06/06/67	3	71.	60.	71.	38.	363.	19.053	**	**	**	**
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/08/66-06/06/67	3	25.	25.	25.	25.	0.	0.	**	**	**	**
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/08/66-06/06/67	3	51.	54.333	68.	44.	152.333	12.342	**	**	**	**
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/08/66-06/06/67	3	72.	66.	88.	38.	652.	25.534	**	**	**	**
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/08/66-06/06/67	3	77.	67.667	88.	38.	690.333	26.274	**	**	**	**
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	06/06/67-06/06/67	1	35.	35.	35.	35.	0.	0.	**	**	**	**
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	06/06/67-06/06/67	1	87.	87.	87.	87.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: NACC0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	248	61	0.25	78	25	0.32	109	21	0.19	61	15	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	261	5	0.02	76	5	0.07	123	0	0.00	62	0	0.00			
00400	PH	Fresh Chronic	9.	263	1	0.00	78	0	0.00	123	1	0.01	62	0	0.00			
		Other-Lo Lim.	6.5	263	1	0.00	78	0	0.00	123	1	0.01	62	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	44	0	0.00	14	0	0.00	20	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	264	0	0.00	80	0	0.00	123	0	0.00	61	0	0.00			
		Drinking Water	250.	264	0	0.00	80	0	0.00	123	0	0.00	61	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	252	0	0.00	71	0	0.00	120	0	0.00	61	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	50.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: NACC0103

Parameter				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	4.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5 &	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	7 &	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	10	1	0.10	5	0	0.00	2	0	0.00	3	1	0.33			
		Drinking Water	1300.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	10	2	0.20	5	0	0.00	2	0	0.00	3	2	0.67			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	1	0.10	5	0	0.00	2	0	0.00	3	1	0.33			
		Drinking Water	5000.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	4	0	0.00	2	0	0.00	2	0	0.00						
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	242 &	209	0.86	71	63	0.89	109	89	0.82	62	57	0.92			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	61	0	0.00	21	0	0.00	25	0	0.00	15	0	0.00			
		Drinking Water	100.	61	61	1.00	21	21	1.00	25	25	1.00	15	15	1.00			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	63	0	0.00	21	0	0.00	27	0	0.00	15	0	0.00			
		Drinking Water	100.	63	46	0.73	21	18	0.86	27	18	0.67	15	10	0.67			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	3	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	3	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	3	0	0.00	3	0	0.00									
		Drinking Water	0.2	3	0	0.00	3	0	0.00									

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

Annual Analysis for 1963 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	23	17.9	16.474	29.1	0.9	86.576	9.305	0.94	9.7	24.2	28.34
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	24 ##	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	20	5.	5.4	22.	0.	39.305	6.269	0.	0.	5.	19.1
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	23	8.4	8.913	15.	3.6	11.136	3.337	4.7	6.2	11.4	14.76
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	24	2.25	2.479	4.9	0.6	1.335	1.155	0.9	1.825	3.55	4.2
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	20	25.5	28.1	67.	8.	162.305	12.74	18.	19.5	32.	48.6
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	23	7.6	7.543	8.3	7.	0.113	0.337	7.1	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	23	7.6	7.431	8.3	7.	0.127	0.356	7.1	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	23	0.025	0.037	0.1	0.005	0.001	0.026	0.01	0.02	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	24	87.	91.917	140.	64.	307.993	17.55	74.	80.	99.	122.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	24	215.	216.167	290.	147.	1723.623	41.517	163.5	181.75	250.	285.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	24	123.	130.167	196.	90.	683.797	26.15	99.	112.	150.	166.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	24	18.	19.917	31.	8.	48.514	6.965	11.5	14.25	26.25	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	24	52.5	58.375	90.	36.	279.81	16.728	37.5	47.	75.	85.
01501	ALPHA, TOTAL	07/17/63-01/07/69	24	0.	0.542	3.	0.	0.607	0.779	0.	0.	1.	1.5
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	24	1.	1.083	2.	0.	0.167	0.408	1.	1.	1.	2.
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	24	0.	0.375	2.	0.	0.332	0.576	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	24	1.	1.083	2.	0.	0.167	0.408	1.	1.	1.	2.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	24	0.	0.167	1.	0.	0.145	0.381	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	24	0.	0.417	1.	0.	0.254	0.504	0.	0.	1.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	24	24.	24.958	84.	7.	246.216	15.691	8.5	15.5	29.75	38.5
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	24	10.	8.875	16.	1.	13.071	3.615	3.5	6.	10.	13.5
03503	BETA, DISSOLVED	07/17/63-01/07/69	24	20.	20.	37.	6.	87.739	9.367	7.5	12.25	26.75	34.5
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	24	8.	6.625	9.	1.	5.897	2.428	2.5	4.75	8.	8.5
03505	BETA, SUSPENDED	07/17/63-01/07/69	24	2.	4.958	47.	0.	93.433	9.666	0.	1.	4.75	12.5
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	24	6.	5.667	14.	1.	9.623	3.102	2.	4.25	6.	11.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	19	2700.	18600.	100000.	100.	871658888.889	29523.87	200.	1000.	26000.	90000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	19	3.431	3.67	5.	2.	0.714	0.845	2.301	3.	4.415	4.954
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4679.685								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	5	4495.	4599.4	5266.	4329.	145292.3	381.172	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	5	203.	186.4	220.	142.	1376.3	37.099	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	5	110.	103.	120.	73.	398.5	19.962	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	5	83.	83.4	110.	58.	436.3	20.888	**	**	**	**

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

Annual Analysis for 1964 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	50	14.9	15.312	28.5	0.4	83.385	9.132	2.67	6.875	24.2	26.59
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	49	40.	61.541	247.	12.5	3741.321	61.166	12.5	12.5	79.	194.
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	47	6.	7.489	31.	0.	19.951	4.467	5.	5.	8.	11.4
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	49	9.7	9.706	15.	4.3	10.386	3.223	5.8	6.6	12.65	14.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	48	2.4	2.598	5.8	0.2	1.555	1.247	1.18	1.6	3.175	4.37
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	48	28.	27.021	44.	12.	58.617	7.656	14.	22.	32.75	35.3
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	50	7.5	7.526	9.4	6.6	0.264	0.513	6.81	7.1	7.8	8.19
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	50	7.5	7.284	9.4	6.6	0.323	0.569	6.81	7.1	7.8	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	50	0.032	0.052	0.251	0.	0.003	0.056	0.006	0.016	0.079	0.155
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	50	82.	80.44	124.	44.	329.843	18.162	58.	65.	94.5	105.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	50	187.5	200.78	285.	137.	1976.747	44.461	153.2	163.5	242.5	274.6
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	46	0.1	0.126	0.4	0.	0.007	0.083	0.	0.1	0.2	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	50	119.5	123.64	201.	76.	904.807	30.08	85.1	101.25	143.5	170.9
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	50	16.5	17.5	33.	6.	54.418	7.377	9.	11.	22.25	28.9
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	49	42.	52.51	116.	24.	628.963	25.079	27.	29.	72.	90.
01501	ALPHA, TOTAL	07/17/63-01/07/69	30	0.	0.633	5.	0.	0.999	0.999	0.	0.	1.	1.
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	30	1.	1.	4.	0.	0.483	0.695	0.	1.	1.	1.

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Annual Analysis for 1964 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	30	0.	0.2	1.	0.	0.166	0.407	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	30	1.	0.867	2.	0.	0.189	0.434	0.	1.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	30	0.	0.433	5.	0.	0.944	0.971	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	30	1.	0.767	4.	0.	0.599	0.774	0.	0.	1.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	30	12.5	14.033	50.	5.	70.033	8.369	8.	10.	14.	23.8
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	30	4.	4.633	11.	1.	9.62	3.102	1.	2.	6.5	9.9
03503	BETA, DISSOLVED	07/17/63-01/07/69	30	8.	8.833	16.	5.	7.04	2.653	6.	7.	11.	12.
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	30	3.	3.5	8.	1.	5.086	2.255	1.	2.	5.	7.
03505	BETA, SUSPENDED	07/17/63-01/07/69	30	3.	5.2	43.	0.	61.959	7.871	1.	2.	6.	11.7
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	30	2.	2.933	8.	1.	4.685	2.164	1.	1.	4.25	6.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	49	8500.	26526.939	200000.	85.	2301172945.642	47970.542	750.	2450.	19000.	83000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	49	3.929	3.857	5.301	1.929	0.614	0.784	2.875	3.389	4.279	4.919
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7198.475								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	9	3760.	3310.667	4750.	851.	2091347.	1446.149	851.	1903.5	4421.5	4750.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	11	206.	253.091	518.	138.	11536.891	107.41	143.4	184.	306.	483.4
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	11	117.	141.545	292.	80.	3797.873	61.627	84.	107.	172.	275.8
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	11	95.	111.545	226.	52.	2689.073	51.856	53.2	84.	150.	215.4

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Annual Analysis for 1965 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	52	15.05	15.585	28.5	0.9	86.158	9.282	3.42	6.675	23.9	26.91
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	52	36.	67.615	700.	12.5	13385.741	115.697	12.5	12.5	59.5	138.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	50	5.	5.36	14.	0.	3.786	1.946	5.	5.	6.	6.9
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	50	10.2	9.792	15.1	3.5	11.132	3.336	5.12	6.625	12.825	14.09
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	52	2.4	2.546	7.6	0.2	1.906	1.381	1.	1.625	3.125	4.
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	52	12.	16.481	80.	1.	227.588	15.086	5.	10.	16.	37.2
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.8	7.794	8.4	7.	0.119	0.344	7.22	7.6	8.	8.28
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.8	7.653	8.4	7.	0.139	0.373	7.22	7.6	8.	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	51	0.016	0.022	0.1	0.004	0.	0.021	0.005	0.01	0.025	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	52	78.	82.25	172.	5.	881.289	29.687	52.6	64.	98.	126.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	47	187.	190.362	272.	146.	735.366	27.118	159.8	168.	211.	227.6
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	51	0.1	0.1	0.2	0.	0.003	0.057	0.	0.1	0.1	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	49	110.	110.633	222.	72.	869.862	29.493	82.	88.	121.5	141.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	52	18.	25.019	76.	5.	341.039	18.467	7.3	11.25	32.25	59.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	50	48.5	46.9	90.	19.	433.806	20.828	22.1	27.	63.75	74.6
01501	ALPHA, TOTAL	07/17/63-01/07/69	12	1.	1.25	7.	0.	4.023	2.006	0.	0.	1.	5.8
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.	0.667	2.	0.	0.424	0.651	0.	0.	1.	1.7
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.417	1.	0.	0.265	0.515	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	12	0.	0.917	7.	0.	4.447	2.109	0.	0.	0.75	5.8
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.333	2.	0.	0.424	0.651	0.	0.	0.75	1.7
03501	BETA, TOTAL	07/17/63-01/07/69	12	8.	9.833	24.	2.	49.061	7.004	2.3	5.25	11.5	23.7
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.5	1.833	6.	1.	1.97	1.403	1.	1.	2.	4.8
03503	BETA, DISSOLVED	07/17/63-01/07/69	12	6.	6.	11.	2.	6.182	2.486	2.3	4.25	7.	10.4
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.583	4.	1.	0.811	0.9	1.	1.	2.	3.4
03505	BETA, SUSPENDED	07/17/63-01/07/69	12	1.	3.833	19.	0.	48.152	6.939	0.	0.	3.25	18.7
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.417	5.	1.	1.356	1.165	1.	1.	1.	4.1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	50	5650.	24636.	140000.	250.	1450539187.755	38085.945	1000.	2000.	28000.	90000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	50	3.751	3.861	5.146	2.398	0.525	0.724	3.	3.301	4.441	4.954
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7267.665								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	12	317.	1232.667	3990.	260.	2139039.515	1462.546	263.3	287.25	2704.	3864.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	12	675.5	598.5	968.	141.	88302.273	297.157	153.3	269.	838.75	954.5
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	12	491.5	416.75	680.	97.	50485.659	224.69	100.9	144.75	613.25	666.5
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	12	169.5	181.75	381.	44.	8550.205	92.467	52.4	113.25	239.25	343.5

** - 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 1966 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	38	11.	13.658	29.6	0.9	94.253	9.708	1.57	5.75	24.575	27.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	37 ##	12.5	42.973	720.	11.5	13550.221	116.405	12.5	12.5	30.5	73.
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	37	6.	6.378	11.	5.	1.408	1.187	5.	6.	7.	8.
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	37	11.5	10.1	14.7	3.	12.321	3.51	4.7	6.75	13.25	14.12
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	37	2.4	2.759	8.6	0.4	2.49	1.578	1.28	1.85	3.25	4.64
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	38	18.	52.421	185.	5.	3549.818	59.58	8.9	10.	109.5	160.8
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	38	7.65	7.618	8.7	6.4	0.17	0.412	7.2	7.375	7.825	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	38	7.647	7.399	8.7	6.4	0.219	0.468	7.2	7.375	7.825	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	38	0.023	0.04	0.398	0.002	0.004	0.064	0.006	0.015	0.042	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	38	85.	86.447	126.	48.	463.389	21.526	53.6	70.	104.5	114.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	37	196.	197.811	339.	120.	2548.602	50.484	141.2	161.	226.	264.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	37	0.1	0.086	0.5	0.	0.011	0.103	0.	0.	0.1	0.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	37	127.	133.622	248.	83.	1428.742	37.799	90.4	106.	146.5	190.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	37	18.	23.649	70.	8.	199.623	14.129	9.	14.5	32.	43.4
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	35	39.	46.486	91.	18.	522.434	22.857	24.	27.	69.	85.4
01501	ALPHA, TOTAL	07/17/63-01/07/69	10	0.	1.	8.	0.	6.222	2.494	0.	0.	1.	7.3
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	10	0.5	0.6	2.	0.	0.489	0.699	0.	0.	1.	1.9
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	10	0.	0.3	1.	0.	0.233	0.483	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	10	0.	1.	8.	0.	6.222	2.494	0.	0.	1.	7.3
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	10	0.	0.3	2.	0.	0.456	0.675	0.	0.	0.25	1.9
03501	BETA, TOTAL	07/17/63-01/07/69	10	6.5	8.	28.	3.	52.667	7.257	3.1	4.	7.5	26.1
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	10	2.	1.7	3.	1.	0.456	0.675	1.	1.	2.	2.9
03503	BETA, DISSOLVED	07/17/63-01/07/69	10	4.5	4.7	6.	3.	1.122	1.059	3.1	4.	6.	6.
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	10	1.	1.4	2.	1.	0.267	0.516	1.	1.	2.	2.
03505	BETA, SUSPENDED	07/17/63-01/07/69	10	0.5	3.3	23.	0.	50.678	7.119	0.	0.	3.5	21.2
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	10	1.	1.3	3.	1.	0.456	0.675	1.	1.	1.25	2.9
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	36	5750.	14988.889	100000.	100.	605471158.73	24606.324	905.	2000.	12000.	61500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	36	3.76	3.707	5.	2.	0.463	0.68	2.925	3.301	4.079	4.789
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			5094.695								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	10	339.5	335.3	371.	270.	1125.789	33.553	272.7	307.5	363.25	370.9
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	10	735.	716.6	950.	426.	23554.044	153.473	440.9	603.5	821.25	937.5
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	10	532.5	540.4	709.	318.	15238.267	123.443	328.3	451.	654.75	708.3
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	10	171.5	176.2	274.	108.	3269.956	57.184	108.6	115.5	223.25	271.4

** - 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 1967 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	50	14.7	14.63	28.5	1.1	82.552	9.086	3.41	6.1	23.1	27.38
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	49 ##	12.5	29.643	160.	12.5	825.698	28.735	12.5	12.5	38.	51.
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	49	8.	8.469	20.	5.	9.754	3.123	6.	6.	10.	12.
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	50	9.75	10.094	15.	4.2	7.449	2.729	6.7	8.05	12.725	13.88
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	47	1.8	2.268	6.8	0.5	2.064	1.437	0.88	1.2	2.8	4.92
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	45	1.1	3.673	34.	0.4	40.907	6.396	0.6	0.8	2.05	10.8
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	49	7.7	7.798	8.8	7.1	0.205	0.453	7.3	7.5	8.05	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	49	7.7	7.621	8.8	7.1	0.237	0.487	7.3	7.5	8.05	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	49	0.02	0.024	0.079	0.002	0.	0.019	0.003	0.009	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	49	76.	76.673	130.	50.	245.433	15.666	58.	68.5	86.	96.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	48	156.5	163.146	233.	102.	1017.702	31.901	127.	136.25	191.5	209.3
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	46	0.05	0.054	0.2	0.	0.003	0.059	0.	0.	0.1	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	49	110.	111.224	211.	73.	601.844	24.533	86.	93.	124.5	143.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	49	15.	18.122	46.	9.	54.026	7.35	11.	13.	22.	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	46	28.5	28.696	49.	14.	61.416	7.837	19.7	22.	33.	39.9
01501	ALPHA, TOTAL	07/17/63-01/07/69	12	0.	0.667	3.	0.	0.97	0.985	0.	0.	1.	2.7
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.417	1.	0.	0.265	0.515	0.	0.	1.	1.

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Annual Analysis for 1967 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	12	0.	0.417	2.	0.	0.447	0.669	0.	0.	1.	1.7
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	12	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	12	6.	5.25	7.	2.	2.568	1.603	2.3	4.	6.	7.
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.167	2.	1.	0.152	0.389	1.	1.	1.	2.
03503	BETA, DISSOLVED	07/17/63-01/07/69	12	5.	4.167	5.	2.	1.242	1.115	2.3	3.	5.	5.
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
03505	BETA, SUSPENDED	07/17/63-01/07/69	12	1.	1.083	3.	0.	0.629	0.793	0.	1.	1.	2.7
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	49	2000.	3236.531	20000.	60.	19486339.796	4414.333	270.	970.	3150.	6500.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	49	3.301	3.215	4.301	1.778	0.301	0.548	2.431	2.987	3.498	3.813
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1640.288								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	10	318.5	289.8	510.	165.	10572.4	102.822	167.2	195.25	330.25	492.4
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	12	765.5	749.167	1299.	335.	103704.515	322.032	351.2	427.25	987.	1258.8
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	12	585.	564.917	907.	233.	53469.538	231.235	247.7	327.75	777.75	875.5
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	12	160.	184.25	392.	53.	11119.477	105.449	63.8	103.25	240.5	383.3

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Annual Analysis for 1968 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	50	17.05	15.438	29.6	0.4	96.67	9.832	1.58	6.225	23.975	28.39
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/63-09/24/68	37	42.	56.324	285.	12.5	3688.17	60.73	12.5	12.5	75.	129.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	51	10.	9.412	13.	4.	5.607	2.368	6.	7.	11.	12.
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	51	9.7	9.582	14.9	4.1	10.259	3.203	5.04	6.9	12.4	13.98
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	50	2.85	3.09	8.	0.1	2.736	1.654	1.02	2.225	4.05	5.16
00335	COD, .025N K2CR2O7 MG/L	08/07/63-09/24/68	37	18.	17.189	50.	2.	129.824	11.394	4.	6.	25.	30.8
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.5	7.62	8.5	6.7	0.153	0.391	7.2	7.3	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	51	7.5	7.463	8.5	6.7	0.178	0.422	7.2	7.3	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	51	0.032	0.034	0.2	0.003	0.001	0.032	0.008	0.01	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/63-09/24/68	37	80.	77.649	115.	30.	444.901	21.093	40.	63.	90.	106.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/17/63-09/24/68	37	177.	175.243	266.	104.	1473.134	38.381	115.2	146.5	195.	222.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/17/63-09/24/68	35	0.1	0.071	0.2	0.	0.004	0.062	0.	0.	0.1	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	51	100.	97.627	137.	50.	451.558	21.25	60.6	85.	115.	120.8
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	51	19.	18.451	35.	5.	53.573	7.319	9.	13.	24.	27.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	47	34.	42.936	119.	15.	489.8	22.131	20.6	27.	59.	74.
01501	ALPHA, TOTAL	07/17/63-01/07/69	12	0.	0.583	3.	0.	0.811	0.9	0.	0.	1.	2.4
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	1.	0.667	1.	0.	0.242	0.492	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	12	0.	0.25	2.	0.	0.386	0.622	0.	0.	0.	1.7
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	1.	0.583	1.	0.	0.265	0.515	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	12	0.	0.333	1.	0.	0.242	0.492	0.	0.	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
03501	BETA, TOTAL	07/17/63-01/07/69	12	7.5	7.667	16.	3.	13.879	3.725	3.3	5.	9.75	14.8
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	12	2.	2.417	5.	1.	1.902	1.379	1.	1.25	3.	5.
03503	BETA, DISSOLVED	07/17/63-01/07/69	12	4.	5.083	11.	3.	6.629	2.575	3.	3.	6.	10.4
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	12	2.	2.167	4.	1.	1.061	1.03	1.	1.25	2.75	4.
03505	BETA, SUSPENDED	07/17/63-01/07/69	12	2.	2.583	7.	0.	4.629	2.151	0.3	1.	4.5	6.4
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	12	1.	1.417	3.	1.	0.629	0.793	1.	1.	1.75	3.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	39	3500.	10418.462	110000.	210.	568449871.255	23842.187	470.	1200.	8000.	21000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	39	3.544	3.523	5.041	2.322	0.385	0.621	2.672	3.079	3.903	4.322
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3336.433								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	12	372.	362.25	395.	296.	1108.205	33.29	299.3	339.75	388.5	393.8
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	10	823.	796.2	1173.	409.	65118.178	255.183	414.9	592.5	985.25	1169.
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	10	655.5	628.1	906.	348.	33745.211	183.699	352.9	487.	752.5	901.9
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	12	193.5	200.417	470.	61.	12558.265	112.064	64.	118.25	263.75	409.4

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

Annual Analysis for 1969 - Station NACC0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/63-01/07/69	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/63-01/07/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/63-01/07/69	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/17/63-01/07/69	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/63-01/07/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/63-01/07/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/63-01/07/69	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/63-01/07/69	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/63-01/07/69	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/63-01/07/69	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01502	ALPHA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	07/17/63-01/07/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	07/17/63-01/07/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	07/17/63-01/07/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	07/17/63-01/07/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	07/17/63-01/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	07/30/63-01/07/69	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	07/30/63-01/07/69	1	3.462	3.462	3.462	3.462	0.	0.	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2900.								
32001	SAMPLE SIZE (GALLONS)	07/16/63-01/07/69	1	379.	379.	379.	379.	0.	0.	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	07/16/63-01/07/69	1	619.	619.	619.	619.	0.	0.	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	07/16/63-01/07/69	1	492.	492.	492.	492.	0.	0.	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	07/16/63-01/07/69	1	127.	127.	127.	127.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed 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: NACC0104

NPS Station ID: NACC0104
LAT/LON: 38.887504/ -77.055005
Agency: 1113MCST
Date Created: / /
Location: MEMORIAL BRIDGE WASHINGTON DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P01/P01 /001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002906.06
RF3 Mile Point: 6.06
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	7	28.5	28.714	29.	28.5	0.071	0.267	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	8	6.85	7.063	8.7	5.7	1.494	1.222	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.35	3.35	4.5	2.2	2.645	1.626	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.275	7.275	7.35	7.2	0.011	0.106	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.269	7.269	7.35	7.2	0.011	0.106	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.054	0.054	0.063	0.045	0.	0.013	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.859	0.866	0.915	0.83	0.001	0.038	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.066	0.118	0.34	0.001	0.026	0.16	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.01	0.012	0.02	0.008	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	9.7	9.75	12.1	7.5	4.657	2.158	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.7	23.025	25.	19.7	5.316	2.306	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	270.	270.	310.	230.	3200.	56.569	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.427	2.427	2.491	2.362	0.008	0.092	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			267.021								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	27.	27.	45.	9.	648.	25.456	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.304	1.304	1.653	0.954	0.244	0.494	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.125								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	105.	106.875	124.5	93.	243.563	15.606	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.325	0.338	0.4	0.3	0.002	0.043	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	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: NACC0105

NPS Station ID: NACC0105 | LAT/LON: 38.888003/ -77.039003 | Agency: 11NPSWRD | Date Created: 04/19/97
Location: Tidal Basin in Half Moon near Survey Lodge | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): NACC_TB_1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 7 | Water Body Id:
Minor Basin: POTOMAC | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02070010059601.50 | RF3 Mile Point: 4.50 | Distance from RF3: 0.21 | On/Off RF3:
Description:
Station is located in the Tidal Basin in the Half Moon in front of Survey Lodge near the drainage from Independence Ave. Station can be found on the Washington West D.C.-MD.-VA. USGS 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	55	19.4	18.247	32.	0.6	94.05	9.698	3.14	8.5	26.9	29.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	53	285.	297.321	477.	206.	2980.107	54.59	237.	262.	324.5	380.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	54	9.6	9.983	14.5	4.8	4.768	2.184	7.6	8.6	11.5	13.3
00406	PH, FIELD, STANDARD UNITS SU	01/24/95-09/27/96	50	8.145	8.063	9.45	6.61	0.452	0.672	7.192	7.43	8.653	8.83
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/24/95-09/27/96	50	8.145	7.593	9.45	6.61	0.677	0.823	7.192	7.43	8.652	8.83
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/95-09/27/96	50	0.007	0.026	0.245	0.	0.002	0.043	0.001	0.002	0.037	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

EPA Water Quality Criteria Analysis for Station: NACC0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	54	0	0.00	19	0	0.00	20	0	0.00	15	0	0.00			
00406	PH, FIELD	Marine Chronic	8.5	50	17	0.34	19	8	0.42	15	2	0.13	16	7	0.44			
		Other-Lo Lim.	6.5	50	0	0.00	19	0	0.00	15	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

Station Inventory for Station: NACC0106

NPS Station ID: NACC0106 LAT/LON: 38.888059/ -77.054448 Agency: 21DCBAWQ Date Created: 09/13/86
Location: MEMORIAL BRIDGE, WASH., D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS16
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0095.75
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 3.620 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010010900.00 RF3 Mile Point: 0.74 Distance from RF3: 0.12 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: MEMORIAL BRIDGE, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	142	18.65	16.97	31.6	1.5	77.554	8.806	4.69	8.375	24.6	27.57
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	20	78.5	57.35	100.	0.	2043.082	45.2	0.	15.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	4	0.6	0.625	1.1	0.2	0.196	0.443	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	125	296.	307.072	590.	120.	7095.938	84.237	198.2	253.5	353.5	421.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	142	8.55	9.029	14.9	0.3	6.838	2.615	6.43	7.475	10.725	12.74
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/13/83	3	1.	0.9	1.2	0.5	0.13	0.361	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	128	7.8	7.905	8.9	7.1	0.16	0.401	7.3	7.6	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	128	7.8	7.739	8.9	7.1	0.188	0.434	7.3	7.6	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	128	0.016	0.018	0.079	0.001	0.	0.016	0.003	0.006	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-11/16/83	2	98.	98.	106.	90.	128.	11.314	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	3	5.	12.	27.	4.	169.	13.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-12/13/83	3	0.393	0.295	0.393	0.1	0.029	0.169	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	3	0.09	0.096	0.111	0.088	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	3	0.066	0.065	0.087	0.042	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	3	0.052	0.052	0.07	0.033	0.	0.019	**	**	**	**
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1062.5	2000.	1000.	62500.	250.	1000.	1000.	1000.	1300.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/16/83	2	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	142	6	0.04	60	1	0.02	47	4	0.09	35	1	0.03			
00400	PH	Fresh Chronic	9.	128	0	0.00	53	0	0.00	44	0	0.00	31	0	0.00			
		Other-Lo Lim.	6.5	128	0	0.00	53	0	0.00	44	0	0.00	31	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Annual Analysis for 1983 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	19.	17.343	19.1	7.3	19.613	4.429	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	296.	296.	348.	244.	5408.	73.539	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	8.3	8.857	12.5	8.2	2.583	1.607	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	2	7.2	7.2	7.3	7.1	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	2	7.189	7.189	7.3	7.1	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	2	0.065	0.065	0.079	0.05	0.	0.021	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	13	23.6	19.915	29.3	3.8	75.988	8.717	4.52	11.5	25.2	29.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	4	162.	183.	288.	120.	5388.	73.403	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	13	7.2	8.577	13.4	6.3	5.73	2.394	6.34	6.85	10.6	12.8
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	7	7.3	7.4	7.8	7.2	0.05	0.224	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	7	7.3	7.358	7.8	7.2	0.052	0.228	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	7	0.05	0.044	0.063	0.016	0.	0.018	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.6	11.767	18.5	5.2	44.243	6.652	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	260.	269.	309.	238.	1321.	36.346	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	10.9	10.833	12.5	9.1	2.893	1.701	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.8	7.867	8.	7.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.8	7.857	8.	7.8	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	3	0.016	0.014	0.016	0.01	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 1986 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.7	15.291	28.8	1.5	124.299	11.149	1.68	4.6	27.5	28.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	330.	353.818	523.	252.	7667.164	87.562	255.8	280.	428.	512.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.7	8.055	13.5	1.6	15.867	3.983	1.78	6.2	12.9	13.46
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	8.073	8.9	7.6	0.202	0.45	7.64	7.8	8.5	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.924	8.9	7.6	0.226	0.476	7.64	7.8	8.5	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.016	0.012	0.025	0.001	0.	0.008	0.001	0.003	0.016	0.023

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

Annual Analysis for 1987 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	11.95	14.542	29.4	2.3	101.257	10.063	2.54	6.45	26.175	28.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	270.	272.917	438.	146.	6456.265	80.351	161.3	208.	312.75	418.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.35	6.133	12.1	0.3	13.795	3.714	0.69	2.5	9.	11.32

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

Annual Analysis for 1987 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.6	7.664	8.3	7.2	0.119	0.344	7.22	7.3	7.9	8.26
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.6	7.555	8.3	7.2	0.132	0.363	7.22	7.3	7.9	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.025	0.028	0.063	0.005	0.	0.019	0.006	0.013	0.05	0.061

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

Annual Analysis for 1988 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.4	17.42	30.5	5.	67.964	8.244	5.48	10.775	24.75	30.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	335.5	336.	517.	165.	13712.222	117.099	166.2	234.75	435.5	511.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.4	8.94	11.6	5.6	3.66	1.913	5.67	7.5	10.525	11.5
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.967	8.5	7.3	0.148	0.384	7.3	7.7	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.813	8.5	7.3	0.174	0.417	7.3	7.7	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.01	0.015	0.05	0.003	0.	0.015	0.003	0.005	0.02	0.05

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

Annual Analysis for 1989 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.	15.291	27.4	1.8	91.403	9.56	2.12	4.9	24.6	27.22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	317.	303.222	339.	219.	1439.444	37.94	219.	285.	331.5	339.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.9	9.927	13.5	7.5	3.614	1.901	7.66	8.4	10.8	13.3
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	8.073	8.7	7.6	0.138	0.372	7.6	7.8	8.4	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	7.945	8.7	7.6	0.156	0.395	7.6	7.8	8.4	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.01	0.011	0.025	0.002	0.	0.008	0.002	0.004	0.016	0.025

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

Annual Analysis for 1990 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.5	16.34	26.3	5.2	78.729	8.873	5.24	5.6	24.7	26.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	253.	249.	309.	175.	1377.	37.108	175.	227.	268.	309.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.35	9.98	13.8	7.3	5.895	2.428	7.33	7.75	12.6	13.71
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.75	7.78	8.5	7.4	0.095	0.308	7.41	7.575	7.9	8.44
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.747	7.702	8.5	7.4	0.102	0.319	7.41	7.575	7.9	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	10	0.018	0.02	0.04	0.003	0.	0.011	0.004	0.013	0.027	0.039

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

Annual Analysis for 1991 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	23.4	21.525	29.3	8.5	66.225	8.138	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	374.	378.25	512.	254.	5494.214	74.123	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	8.2	8.663	13.	6.5	4.506	2.123	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	8	8.	7.95	8.2	7.5	0.049	0.22	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	8	8.	7.893	8.2	7.5	0.052	0.229	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	8	0.01	0.013	0.032	0.006	0.	0.008	**	**	**	**

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

Annual Analysis for 1992 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	16.	16.036	26.5	3.5	62.337	7.895	4.08	9.2	23.9	26.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	289.	295.909	346.	259.	782.091	27.966	259.	273.	321.	341.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.9	9.864	13.4	7.8	3.761	1.939	7.8	7.9	11.7	13.12
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	7.855	8.2	7.4	0.073	0.27	7.42	7.6	8.1	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	7.775	8.2	7.4	0.08	0.282	7.42	7.6	8.1	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.01	0.017	0.04	0.006	0.	0.011	0.007	0.008	0.025	0.038

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

Annual Analysis for 1993 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	14.6	15.95	31.6	2.6	93.854	9.688	3.47	6.3	24.575	29.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	304.	298.25	403.	152.	7685.114	87.665	162.5	207.75	382.25	399.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	10.15	10.117	14.9	6.2	6.123	2.475	6.56	7.95	11.875	14.21
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.9	8.9	7.2	0.242	0.492	7.22	7.6	8.3	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.692	8.9	7.2	0.289	0.538	7.22	7.6	8.3	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.016	0.02	0.063	0.001	0.	0.02	0.002	0.005	0.025	0.061

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

Annual Analysis for 1994 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.8	18.389	30.2	4.5	84.174	9.175	4.5	9.4	26.45	30.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	346.	331.444	424.	246.	2795.028	52.868	246.	286.	360.	424.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.2	8.656	13.1	5.7	4.503	2.122	5.7	7.25	9.65	13.1
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	8.067	8.7	7.6	0.17	0.412	7.6	7.7	8.5	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.924	8.7	7.6	0.193	0.439	7.6	7.7	8.5	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.01	0.012	0.025	0.002	0.	0.009	0.002	0.003	0.02	0.025

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

Annual Analysis for 1995 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.1	18.733	29.1	1.8	90.93	9.536	1.8	10.95	26.35	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	348.	363.222	590.	232.	14032.694	118.46	232.	270.	458.	590.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	9.133	13.2	7.2	4.61	2.147	7.2	7.35	10.7	13.2
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.2	8.067	8.5	7.6	0.105	0.324	7.6	7.75	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.2	7.962	8.5	7.6	0.117	0.343	7.6	7.75	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.006	0.011	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

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

Annual Analysis for 1996 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	15.6	16.114	24.8	2.9	85.105	9.225	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	7	270.	273.714	400.	188.	5686.238	75.407	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	10.2	10.114	13.	7.6	4.408	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 1996 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	7	8.	7.914	8.5	7.2	0.248	0.498	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	7	8.	7.668	8.5	7.2	0.319	0.565	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	7	0.01	0.021	0.063	0.003	0.001	0.024	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	18.8	17.633	28.3	3.9	77.275	8.791	3.9	9.3	25.7	28.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	316.	303.111	409.	193.	4368.611	66.095	193.	246.	346.	409.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.1	9.489	12.8	7.3	3.701	1.924	7.3	7.55	11.	12.8
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.1	8.122	8.7	7.6	0.132	0.363	7.6	7.8	8.45	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.1	7.999	8.7	7.6	0.149	0.386	7.6	7.8	8.45	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.008	0.01	0.025	0.002	0.	0.008	0.002	0.004	0.016	0.025

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	60	24.45	24.025	31.6	15.	16.695	4.086	18.52	20.35	27.025	28.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	343.5	346.435	523.	205.	4683.051	68.433	268.2	308.5	389.	444.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	60	7.8	7.688	10.6	0.3	1.98	1.407	6.3	7.2	8.4	9.08
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	53	7.9	7.911	8.7	7.2	0.139	0.373	7.3	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	53	7.9	7.76	8.7	7.2	0.163	0.403	7.3	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	53	0.013	0.017	0.063	0.002	0.	0.016	0.003	0.006	0.02	0.05

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	47	5.6	6.732	19.7	1.5	15.221	3.901	2.38	3.9	8.5	11.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	283.	288.109	517.	120.	6652.188	81.561	194.	245.5	327.	399.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	47	11.9	10.832	14.9	1.6	10.534	3.246	3.9	9.8	12.9	13.42
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	44	7.8	7.866	8.7	7.1	0.142	0.377	7.25	7.6	8.1	8.35
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	44	7.8	7.708	8.7	7.1	0.167	0.409	7.25	7.6	8.1	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	44	0.016	0.02	0.079	0.002	0.	0.018	0.004	0.008	0.025	0.057

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	35	17.4	18.623	29.3	6.9	36.514	6.043	10.58	14.2	24.	27.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	33	273.	278.636	590.	146.	7978.489	89.322	174.4	218.	324.	398.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	35	9.1	8.906	11.4	2.3	2.99	1.729	7.08	7.9	10.2	10.8
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	31	7.8	7.948	8.9	7.3	0.231	0.48	7.32	7.6	8.4	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	31	7.8	7.751	8.9	7.3	0.271	0.52	7.32	7.6	8.4	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	31	0.016	0.018	0.05	0.001	0.	0.015	0.002	0.004	0.025	0.048

** - Less than 9 observations ## - Computed 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: NACC0107

NPS Station ID: NACC0107
LAT/LON: 38.888337/ -77.052782
Agency: 112WRD
Date Created: 08/23/80
Location: POTOMAC RIVER AT MEMORIAL BRIDGE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 385315077031800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 9.90
On/Off RF1:
RF3 Index: 02070010062200.00
RF3 Mile Point: 4.41
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-09/28/83	287	28.2	26.984	31.6	0.	17.289	4.158	23.9	25.4	29.2	29.8
00034	DEPTH IN FEET AT WHICH 1% SURFACE LIGHT REMAINS	07/30/80-08/26/81	73	6.3	4.856	18.	0.	23.25	4.822	0.	0.	8.85	10.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/04/80-09/28/83	146	22.5	16.76	73.	0.	294.97	17.175	0.	0.	32.25	37.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-09/28/83	292	334.	341.11	464.	261.	1839.218	42.886	302.3	311.	362.	390.
00198	LIGHT, DEPTH TO 10 PERCENT OF SURFACE LIGHT (FEET)	08/04/80-07/21/81	9	3.58	2.231	4.5	0.	4.533	2.129	0.	0.	4.	4.5
00199	LIGHT, DEPTH TO 50 PERCENT OF SURFACE LIGHT (FEET)	07/30/80-08/26/81	78	0.5	0.555	2.	0.	0.356	0.597	0.	0.	1.	1.5
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	08/04/80-08/26/81	34	115.	293.853	1100.	0.	123365.463	351.234	0.	0.	600.	900.
00300	OXYGEN, DISSOLVED MG/L	07/04/80-09/28/83	289	6.1	5.19	13.3	0.	10.561	3.25	0.	3.3	7.5	8.6
00302	OXYGEN DEMAND, IMMEDIATE, 20 DEG C MG/L	08/09/79-08/26/81	69	0.	-0.004	0.6	-0.5	0.016	0.128	0.	0.	0.	0.
00319	BOD, ULTIMATE ALL STAGES, 20 DEG C MG/L	08/09/79-08/26/81	65	7.	6.751	11.	0.	4.806	2.192	3.92	5.9	8.2	9.1
00320	BOD, ULTIMATE 1ST STAGE, 20 DEG C MG/L	08/09/79-08/26/81	69	4.4	4.575	12.	0.	3.103	1.762	3.2	3.7	5.5	6.3
00321	BOD, ULTIMATE SECOND STAGE MG/L	08/09/79-08/26/81	64	2.05	2.25	5.3	0.	1.808	1.344	0.	1.2	3.375	4.1
00400	PH (STANDARD UNITS)	07/04/80-09/28/83	284	7.6	7.54	8.6	5.6	0.294	0.542	6.8	7.3	7.9	8.25
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-09/28/83	284	7.6	7.101	8.6	5.6	0.488	0.698	6.8	7.3	7.9	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-09/28/83	284	0.025	0.079	2.512	0.003	0.04	0.201	0.006	0.013	0.05	0.158
00403	PH, LAB, STANDARD UNITS SU	08/03/83-08/03/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/83-08/03/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/83-08/03/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-07/21/81	4	0.	2.	8.	0.	16.	4.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/07/80	2	81.5	81.5	82.	81.	0.5	0.707	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	46	0.87	0.921	2.2	0.42	0.158	0.398	0.494	0.615	1.1	1.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/80-09/04/81	17	0.58	0.514	0.77	0.	0.037	0.194	0.24	0.37	0.645	0.722
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/09/79-09/04/81	39	0.25	0.304	0.75	0.	0.028	0.168	0.13	0.2	0.44	0.53
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	50	0.085	0.089	0.22	0.	0.004	0.061	0.005	0.04	0.13	0.198
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/80-09/04/81	17	0.06	0.075	0.18	0.	0.003	0.058	0.	0.025	0.13	0.156
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	49	0.02	0.019	0.07	0.01	0.	0.009	0.01	0.01	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	48	0.42	0.459	1.8	0.03	0.089	0.299	0.069	0.33	0.49	0.868
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/09/79-09/28/83	47	0.4	0.438	2.	0.02	0.085	0.291	0.204	0.3	0.56	0.624
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	08/09/79-09/28/83	46	0.165	0.192	0.8	0.	0.035	0.186	0.	0.01	0.295	0.423
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-09/28/83	48	0.6	0.606	1.5	0.01	0.078	0.279	0.309	0.39	0.718	0.973
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/79-09/28/83	49	0.4	0.483	1.8	0.05	0.088	0.297	0.09	0.4	0.5	0.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-09/28/83	48	0.063	0.062	0.131	0.02	0.001	0.024	0.034	0.042	0.081	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/79-09/28/83	48	0.022	0.028	0.094	0.	0.	0.018	0.013	0.017	0.036	0.055

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Parameter Inventory for Station: NACC0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/03/83-09/28/83	6	0.02	0.023	0.047	0.001	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/09/79-08/26/81	43	4.1	4.435	12.	0.	3.347	1.83	3.14	3.7	4.9	6.32
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/23/80-08/26/81	31	2.8	2.977	4.4	1.6	0.466	0.683	2.06	2.7	3.3	4.18
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/25/81	4	115.	115.	120.	110.	33.333	5.774	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/07/80	2	32.	32.	39.	25.	98.	9.899	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/25/81	4	31.5	32.25	36.	30.	6.917	2.63	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/25/81	4	8.95	8.725	9.8	7.2	1.476	1.215	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/25/81	4	14.5	16.25	25.	11.	36.917	6.076	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/79-08/25/81	4	0.55	0.65	1.	0.5	0.057	0.238	**	**	**	**
00932	SODIUM, PERCENT	08/22/79-08/25/81	4	20.	22.5	32.	18.	41.667	6.455	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/25/81	4	2.85	2.875	3.1	2.7	0.029	0.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/25/81	4	15.	15.75	21.	12.	14.917	3.862	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/25/81	4	38.5	45.25	71.	33.	301.583	17.366	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/80-08/25/81	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-09/28/83	47	4.8	4.774	6.8	1.2	2.865	1.693	1.48	3.6	6.3	6.6
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/80-08/07/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/80-08/07/80	2	13.	13.	20.	6.	98.	9.899	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	20	480.	2192.95	18600.	0.	25819463.524	5081.286	1.	158.	1215.	13820.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/23/80-08/26/81	20	2.681	2.468	4.27	0.	1.285	1.134	0.1	2.174	3.085	4.078
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			293.921								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	20	197.5	644.1	5000.	0.	1326670.832	1151.812	0.	18.75	763.5	1616.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/23/80-08/26/81	20	2.291	2.014	3.699	0.	1.314	1.146	0.	1.163	2.881	3.208
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			103.2								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	07/04/80-09/28/83	238	16.9	19.482	68.6	1.7	197.684	14.06	5.09	8.475	24.8	42.31
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	8	21.2	20.5	21.6	17.6	2.183	1.477	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	07/04/80-09/28/83	238	8.65	10.175	31.3	2.	27.936	5.285	4.99	6.075	13.625	18.11
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	07/04/80-09/28/83	238	21.05	24.237	75.	2.8	226.828	15.061	7.99	12.85	31.125	46.9
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/09/79-08/24/79	8	12.9	13.025	16.4	10.3	3.419	1.849	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	08/09/79-08/24/79	8	0.03	0.03	0.031	0.027	0.	0.001	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	08/24/79-08/26/81	41	12500.	14446.341	36000.	0.	61296548.78	7829.211	5740.	9300.	19500.	25700.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/25/81	4	169.5	177.	205.	164.	356.667	18.886	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/25/81	4	0.23	0.24	0.28	0.22	0.001	0.027	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70988	ALGAL GROWTH POTENTIAL, UNFILTERED, (MG/L)	07/30/80-07/08/81	5	8.9	14.1	40.	5.	212.705	14.584	**	**	**	**
70998	ATP, DUPONT '760' LUMIN. BIOMETER,WHOLE WTR,MG/M3	07/23/80-08/26/81	28	1.105	1.9	9.42	0.1	4.175	2.043	0.59	0.725	1.585	5.
71100	SESTON, TOTAL - MG/L	08/22/79-08/20/80	19	13.	14.5	33.	7.	44.167	6.646	9.	11.	15.	31.
71101	SESTON, ASH FREE WGT (MG/L)	08/22/79-08/20/80	19	8.5	10.105	25.	5.5	19.211	4.383	5.5	8.	12.	14.5
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	07/23/80-10/02/80	4	0.025	0.03	0.07	0.	0.001	0.036	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/09/79-09/04/81	44	0.1	0.112	0.28	0.	0.006	0.075	0.01	0.05	0.15	0.245
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/09/79-09/04/81	42	1.8	1.862	7.9	0.1	1.66	1.289	0.3	1.2	2.125	3.05
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/09/79-09/04/81	44	0.07	0.063	0.23	0.03	0.001	0.034	0.03	0.03	0.07	0.085
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-08/24/79	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/80-07/23/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	08/09/79-09/28/83	43	11.	11.419	25.	2.	23.154	4.812	5.4	8.	14.	16.6
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-08/25/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82132	DEOXYGENATION CONST,NITR.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	59	0.11	0.144	1.2	0.	0.033	0.181	0.	0.05	0.18	0.32
82133	DEOXYGENATION CONST,CARB.,K1 TO BASE E,20C,PER DAY	08/09/79-08/26/81	69	0.14	0.146	0.32	0.	0.003	0.058	0.09	0.12	0.165	0.22
82135	BOD, CARBONACEOUS, REACTION LAG TIME, 20 C DAYS	08/09/79-08/26/81	69	0.	0.037	1.	-0.55	0.041	0.204	0.	0.	0.	0.
82136	BOD, NITROGENOUS, REACTION LAG TIME, 20 DEG C,DAYS	08/09/79-08/26/81	66	8.	7.525	16.	0.	19.055	4.365	0.	5.725	10.725	13.
82465	SOLIDS,DISSOLVED FROM DRY FALLOUT,RES@105C MG/KG	09/15/80-09/15/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82469	MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 ML	09/15/80-10/16/81	8	230.	303.75	610.	40.	30998.214	176.063	**	**	**	**
82469	LOG MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100	09/15/80-10/16/81	8	2.362	2.388	2.785	1.602	0.128	0.358	**	**	**	**
82469	GM MOST PROB NUMBER OF NITROSOMONAS BACTERIA/100 M	GEOMETRIC MEAN =			244.149								
82532	MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/100ML	09/15/80-10/16/81	8	3350.	3312.5	4300.	2300.	1115535.714	1056.189	**	**	**	**
82532	LOG MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/1	09/15/80-10/16/81	8	3.507	3.5	3.633	3.362	0.02	0.143	**	**	**	**
82532	GM MOST PROBABLE NUMBER OF NITROBACTER BACTERIA/10	GEOMETRIC MEAN =			3161.612								
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/08/81-07/08/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	289	75	0.26	287	75	0.26	2	0	0.00						
00400	PH	Marine Chronic	8.5	284	6	0.02	282	4	0.01	2	2	1.00						
		Other-Lo Lim.	6.5	284	22	0.08	282	22	0.08	2	0	0.00						
00403	PH, LAB	Marine Chronic	8.5	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	15	0.75	19	15	0.79	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: NACC0108

NPS Station ID: NACC0108
LAT/LON: 38.889003/ -77.049003
Agency: 11NPSWRD
Date Created: 04/19/97
Location: Reflecting Pool - West End at Center
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NACC_RP_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 8
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:
Station is located at the center of the west end of the Reflecting Pool near the Lincoln Memorial. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	62	20.6	18.298	31.3	2.1	97.615	9.88	3.63	6.125	27.35	29.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	59	285.	284.627	409.	128.	3700.169	60.829	216.	230.	332.	374.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	61	9.2	9.398	14.	1.7	6.444	2.538	6.42	7.8	11.55	12.9
00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	58	8.04	8.119	10.41	6.27	0.607	0.779	7.265	7.558	8.565	9.231
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/24/95-12/20/96	58	8.04	7.58	10.41	6.27	0.903	0.95	7.265	7.558	8.565	9.231
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/95-12/20/96	58	0.009	0.026	0.537	0.	0.005	0.071	0.001	0.003	0.028	0.054
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	34 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	30	1.	1.265	8.8	0.125	2.487	1.577	0.25	0.55	1.375	2.2
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	34	32.	31.294	40.	22.	21.79	4.668	24.	28.	33.	38.
01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	29	0.05	0.039	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	31 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	32 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	36 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

EPA Water Quality Criteria Analysis for Station: NACC0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	61	1	0.02	21	0	0.00	22	1	0.05	18	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	58	8	0.14	21	0	0.00	18	0	0.00	19	8	0.42			
		Other-Lo Lim.	6.5	58	1	0.02	21	0	0.00	18	1	0.06	19	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	34	0	0.00	15	0	0.00	9	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	30	0	0.00	12	0	0.00	8	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	34	0	0.00	15	0	0.00	9	0	0.00	10	0	0.00			
		Drinking Water	250.	34	0	0.00	15	0	0.00	9	0	0.00	10	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	29	0	0.00	14	0	0.00	10	0	0.00	5	0	0.00			
		Drinking Water	1300.	29	0	0.00	14	0	0.00	10	0	0.00	5	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	0 &	0	0.00												

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

Station Inventory for Station: NACC0109

NPS Station ID: NACC0109
LAT/LON: 38.889003/ -77.041004
Agency: 11NPSWRD
Date Created: 04/19/97
Location: Reflecting Pool - East End at Center
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NACC_RP_1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 8
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:
Station is located at the center of the east end of the Reflecting Pool near 17th St. and the Washington Monument. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	57	20.7	18.739	31.3	1.	99.956	9.998	2.78	7.1	27.7	29.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	55	276.	324.673	2830.	90.	123720.928	351.74	202.6	227.	333.	382.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	56	8.4	8.393	13.2	2.2	6.83	2.613	4.31	6.725	10.675	11.46
00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	54	7.95	8.005	10.38	6.43	0.687	0.829	6.995	7.44	8.43	9.21
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/24/95-12/20/96	54	7.95	7.423	10.38	6.43	1.032	1.016	6.995	7.44	8.43	9.21
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/95-12/20/96	54	0.011	0.038	0.372	0.	0.005	0.073	0.001	0.004	0.037	0.101
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	33 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	32 ##	0.55	1.218	13.2	0.125	5.172	2.274	0.125	0.55	1.1	2.2
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	33	32.	32.182	52.	20.	37.091	6.09	26.	28.	36.	40.
01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	28	0.05	0.039	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	31 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	35 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

EPA Water Quality Criteria Analysis for Station: NACC0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	56	4	0.07	21	2	0.10	19	1	0.05	16	1	0.06			
00406	PH, FIELD	Fresh Chronic	9.	54	6	0.11	21	0	0.00	16	0	0.00	17	6	0.35			
		Other-Lo Lim.	6.5	54	2	0.04	21	0	0.00	16	2	0.13	17	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	15	0	0.00	8	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	32	1	0.03	14	0	0.00	8	0	0.00	10	1	0.10			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	15	0	0.00	8	0	0.00	10	0	0.00			
		Drinking Water	250.	33	0	0.00	15	0	0.00	8	0	0.00	10	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	28	0	0.00	14	0	0.00	9	0	0.00	5	0	0.00			
		Drinking Water	1300.	28	0	0.00	14	0	0.00	9	0	0.00	5	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	0 &	0	0.00												

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

Station Inventory for Station: NACC0110

NPS Station ID: NACC0110 LAT/LON: 38.891003/ -77.041004 Agency: 11NPSWRD Date Created: 04/19/97
Location: Constitution Gardens Lake - East End FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): NACC_CG_3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 11 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059601.50 RF3 Mile Point: 4.50 Distance from RF3: 0.21 On/Off RF3:
Description:
Station is located at the east end of Constitution Gardens Lake. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual. Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	57	20.7	18.328	31.4	0.4	101.528	10.076	3.06	6.45	27.3	29.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	54	294.5	291.37	393.	185.	3109.068	55.759	212.5	245.	340.25	364.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-12/20/96	54	9.	9.054	13.1	0.9	5.05	2.247	6.5	7.85	10.5	12.
00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	54	8.545	8.295	9.34	5.9	0.437	0.661	7.42	7.78	8.713	9.065
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/24/95-12/20/96	54	8.545	7.456	9.34	5.9	1.154	1.074	7.42	7.78	8.713	9.065
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/95-12/20/96	54	0.003	0.035	1.259	0.	0.029	0.171	0.001	0.002	0.017	0.038
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	32 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	29 ##	0.55	1.592	8.8	0.125	4.957	2.227	0.125	0.55	2.2	4.84
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	32	28.	29.531	40.	20.	25.354	5.035	20.9	28.	32.	36.
01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	27	0.05	0.039	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	29 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	34 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

EPA Water Quality Criteria Analysis for Station: NACC0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	54	2	0.04	19	1	0.05	19	0	0.00	16	1	0.06			
00406	PH, FIELD	Fresh Chronic	9.	54	6	0.11	19	2	0.11	18	2	0.11	17	2	0.12			
		Other-Lo Lim.	6.5	54	1	0.02	19	0	0.00	18	1	0.06	17	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	12	0	0.00	10	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	29	0	0.00	9	0	0.00	10	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	12	0	0.00	10	0	0.00	10	0	0.00			
		Drinking Water	250.	32	0	0.00	12	0	0.00	10	0	0.00	10	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	27	0	0.00	11	0	0.00	11	0	0.00	5	0	0.00			
		Drinking Water	1300.	27	0	0.00	11	0	0.00	11	0	0.00	5	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	0 &	0	0.00												

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

Station Inventory for Station: NACC0111

NPS Station ID: NACC0111
LAT/LON: 38.891003/ -77.043003
Agency: 11NPSWRD
Date Created: 04/19/97
Location: Constitution Gardens Lake @ Bridge to Signers Is
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NACC_CG_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 11
Water Body Id:
Minor Basin: POTOMAC
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:
Station is located in Constitution Gardens Lake off the middle of bridge 56 Signers Island (west side). Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual.
Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	56	18.95	17.868	31.2	1.5	96.499	9.823	3.15	6.575	26.5	29.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	54	283.5	284.87	410.	167.	3575.851	59.798	206.	237.5	336.75	369.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	55	10.5	10.058	13.8	5.1	4.449	2.109	7.04	8.7	11.7	12.44
00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	52	8.485	8.415	9.14	7.44	0.224	0.473	7.686	8.112	8.778	9.05
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/24/95-12/20/96	52	8.485	8.151	9.14	7.44	0.295	0.543	7.686	8.112	8.777	9.05
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/95-12/20/96	52	0.003	0.007	0.036	0.001	0.	0.009	0.001	0.002	0.008	0.021
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	32 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	29 ##	0.55	1.738	8.8	0.125	7.256	2.694	0.125	0.55	1.65	8.8
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	32	29.	29.563	40.	20.	20.835	4.565	21.2	28.	32.	34.
01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	27	0.05	0.038	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	29 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	34 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

EPA Water Quality Criteria Analysis for Station: NACC0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	55	0	0.00	19	0	0.00	20	0	0.00	16	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	52	5	0.10	19	1	0.05	16	1	0.06	17	3	0.18			
		Other-Lo Lim.	6.5	52	0	0.00	19	0	0.00	16	0	0.00	17	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	13	0	0.00	10	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	29	0	0.00	11	0	0.00	9	0	0.00	9	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	13	0	0.00	10	0	0.00	9	0	0.00			
		Drinking Water	250.	32	0	0.00	13	0	0.00	10	0	0.00	9	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	27	0	0.00	12	0	0.00	11	0	0.00	4	0	0.00			
		Drinking Water	1300.	27	0	0.00	12	0	0.00	11	0	0.00	4	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	0 &	0	0.00												

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

Station Inventory for Station: NACC0112

NPS Station ID: NACC0112 LAT/LON: 38.891003/ -77.045003 Agency: 11NPSWRD Date Created: 04/19/97
Location: Constitution Gardens Lake - West End FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): NACC_CG_1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 11 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02070010059601.50 RF3 Mile Point: 4.50 Distance from RF3: 0.21 On/Off RF3:
Description:
Station is located at the west end of Constitution Gardens Lake. Station can be found on the Washington West D.C.-MD.-VA. U.S. Geological Survey 7.5' quadrangle. Station is one of ten maintained by National Capital Parks - Central (contact is Steve Lorenzetti; Chief of the Division of Resource Mgt.; 900 Ohio Drive SW; Washington D.C. 20242; tel. 202-485-9680) to monitor baseline water quality conditions. The program commenced in 1994 and was ongoing as of 1997. Water quality data were generated by either a Hydrolab Surveyor II or LaMotte Indicator Tests. The park maintains a standard operating procedures manual. Data were processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Dr. Suite 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: NACC0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/95-02/14/97	57	19.9	17.868	31.4	1.9	98.338	9.917	3.12	5.9	26.7	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/28/95-02/14/97	55	297.	295.127	404.	183.	3651.595	60.428	211.8	245.	341.	378.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/24/95-02/14/97	56	10.1	10.239	14.	5.9	4.084	2.021	7.74	8.625	11.8	12.75
00406	PH, FIELD, STANDARD UNITS SU	01/24/95-12/20/96	53	8.44	8.304	9.27	6.91	0.288	0.536	7.434	8.015	8.655	8.892
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/24/95-12/20/96	53	8.44	7.928	9.27	6.91	0.432	0.657	7.434	8.015	8.655	8.892
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/24/95-12/20/96	53	0.004	0.012	0.123	0.001	0.	0.021	0.001	0.002	0.01	0.037
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	32 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/19/95-02/14/97	29	0.55	2.326	17.6	0.125	14.326	3.785	0.125	0.55	2.75	8.8
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/95-02/14/97	32	28.	28.5	36.	20.	19.097	4.37	22.6	24.	32.	34.
01042	COPPER, TOTAL (UG/L AS CU)	07/14/95-02/14/97	27	0.05	0.038	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	05/19/95-02/14/97	29 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	05/19/95-02/14/97	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/19/95-02/14/97	34 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

EPA Water Quality Criteria Analysis for Station: NACC0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	56	0	0.00	19	0	0.00	21	0	0.00	16	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	53	3	0.06	19	0	0.00	17	1	0.06	17	2	0.12			
		Other-Lo Lim.	6.5	53	0	0.00	19	0	0.00	17	0	0.00	17	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	0	0.00	12	0	0.00	10	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	29	1	0.03	10	0	0.00	9	1	0.11	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	12	0	0.00	10	0	0.00	10	0	0.00			
		Drinking Water	250.	32	0	0.00	12	0	0.00	10	0	0.00	10	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	27	0	0.00	11	0	0.00	11	0	0.00	5	0	0.00			
		Drinking Water	1300.	27	0	0.00	11	0	0.00	11	0	0.00	5	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	0 &	0	0.00												

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

Station Inventory for Station: NACC0113

NPS Station ID: NACC0113 LAT/LON: 38.891670/ -77.055559 Agency: 21DCBAWQ Date Created: 06/18/88
Location: ROSEVELT BRIDGE WASH., D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS15
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 3.40 On/Off RF1:
RF3 Index: 02070010003202.39 RF3 Mile Point: 3.03 Distance from RF3: 0.03 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HTYGIENE BRANCH STATION LOCATION:ROSEVELT BRIDGE WASH.,D.C.
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: NACC0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/91-05/06/91	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/06/91-05/06/91	1	258.	258.	258.	258.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/06/91-05/06/91	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/06/91-05/06/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/06/91-05/06/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/91-05/06/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0113

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: NACC0114

NPS Station ID: NACC0114 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G15
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100104.15 /G-15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 2.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 3.07 Distance from RF3: 0.01 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FIRST WESTERN ABUTMENT OF BRIDGE

Parameter Inventory for Station: NACC0114

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

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

Station Inventory for Station: NACC0115

NPS Station ID: NACC0115
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.1 /G-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 0.50
Distance from RF3: 0.05
On/Off RF3:
Description:
TRANSECT STATION LOCATED 15 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0115

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

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

Station Inventory for Station: NACC0116

NPS Station ID: NACC0116 LAT/LON: 38.891670/ -77.056948 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G2 FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 101004.2 /G-2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 9 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010033 RF1 Mile Point: 4.000 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED AT THIRD WESTERN ABUTMENT OF BRIDGE

Parameter Inventory for Station: NACC0116

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

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

Station Inventory for Station: NACC0117

NPS Station ID: NACC0117
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G3
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.3 /G-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 19
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.78
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT FOURTH WESTERN ABUTMENT OF BRIDGE

Parameter Inventory for Station: NACC0117

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

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

Station Inventory for Station: NACC0118

NPS Station ID: NACC0118
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G4
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.4 /G-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 22
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.78
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: NACC0118

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

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

Station Inventory for Station: NACC0119

NPS Station ID: NACC0119
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G5
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.5 /G-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 19
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.78
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT SIXTH ABUTMENT OF BRIDGE

Parameter Inventory for Station: NACC0119

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

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

Station Inventory for Station: NACC0120

NPS Station ID: NACC0120
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.6 /G-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 13
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.78
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EIGHTH ABUTMENT OF BRIDGE

Parameter Inventory for Station: NACC0120

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

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

Station Inventory for Station: NACC0121

NPS Station ID: NACC0121
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.8 /G-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 6
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.78
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED 15 FEET FROM EASTERN SHORE

Parameter Inventory for Station: NACC0121

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

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

Station Inventory for Station: NACC0122

NPS Station ID: NACC0122
LAT/LON: 38.891670/ -77.056948
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT MEMORIAL BRIDGE TRANS G9
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101004.9 /G-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 3
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003202.39
RF3 Mile Point: 2.78
Distance from RF3: 0.06
On/Off RF3:
Description:
TRANSECT STATION LOCATED 15 FEET FROM EASTERN SHORE

Parameter Inventory for Station: NACC0122

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

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

Station Inventory for Station: NACC0123

NPS Station ID: NACC0123
LAT/LON: 38.892504/ -77.057781
Agency: 1113POTS
Date Created: / /
Location: PO.R. ROOSEVELT MEM.BR. WASH,DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 003 /003 /2B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010033
RF1 Mile Point: 4.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 3.13
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	15	10.	9.967	14.	6.5	4.838	2.2	6.8	8.	11.5	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	15	0.065	0.089	0.382	0.015	0.008	0.087	0.021	0.043	0.104	0.225
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	14	0.795	0.603	1.04	0.02	0.154	0.393	0.02	0.145	0.9	1.01
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	15	0.21	0.198	0.33	0.08	0.008	0.091	0.08	0.11	0.28	0.324
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0123

				Total	Exceed	Prop.	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00				14	0	0.00						

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

Station Inventory for Station: NACC0124

NPS Station ID: NACC0124
Location: PO.R. ROOSEVELT MEMORIAL BR. DC
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010033
RF3 Index: 02070010003600.00
Description:

LAT/LON: 38.892504/ -77.057781
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 4.150
RF3 Mile Point: 1.14

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 005 /005 /4
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.04

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: NACC0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	9	5.	4.667	8.	0.	6.75	2.598	0.	3.	7.	8.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	10	2550.	8740.	34500.	0.	143231555.556	11967.939	10.	175.	15000.	33450.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	10	3.181	3.04	4.538	0.	1.957	1.399	0.2	2.226	4.154	4.522
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1096.562								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	11	400.	1481.818	9000.	100.	7097636.364	2664.139	100.	100.	1300.	7860.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	11	2.602	2.691	3.954	2.	0.429	0.655	2.	2.	3.114	3.867
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			490.497								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	10 ##	150.	1210.	7900.	100.	5854333.333	2419.573	100.	100.	1400.	7280.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	10 ##	2.151	2.524	3.898	2.	0.465	0.682	2.	2.	3.143	3.831
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			334.35								

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

EPA Water Quality Criteria Analysis for Station: NACC0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	10	5	0.50				10	5	0.50						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	11	8	0.73				11	8	0.73						

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

Station Inventory for Station: NACC0125

NPS Station ID: NACC0125 LAT/LON: 38.894448/ -77.075003 Agency: 21DCBAWQ Date Created: 10/28/86
Location: C&O CANAL GEORGETOWN, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): TCO01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010039 RF1 Mile Point: 0.140 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010060100.00 RF3 Mile Point: 0.22 Distance from RF3: 0.09 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: C&O CANAL GEORGETOWN, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-10/23/95	93	21.5	20.017	30.	0.4	51.633	7.186	9.54	14.75	26.05	28.06
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-10/23/95	93	310.	314.527	533.	99.	6550.926	80.938	215.8	268.5	364.	410.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-10/23/95	90	7.85	7.79	14.	0.	5.919	2.433	5.71	6.9	9.	10.29
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-10/23/95	78	1.5	1.606	5.7	0.	1.43	1.196	0.5	0.5	2.	3.5
00400	PH (STANDARD UNITS)	10/18/83-10/23/95	90	7.6	7.642	9.1	5.4	0.253	0.503	7.11	7.4	7.9	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-10/23/95	90	7.6	7.106	9.1	5.4	0.544	0.738	7.11	7.4	7.9	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-10/23/95	90	0.025	0.078	3.981	0.001	0.175	0.419	0.005	0.013	0.04	0.078
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-10/23/95	92	81.	81.326	140.	0.	562.728	23.722	51.2	70.	94.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-10/23/95	66	9.	10.533	100.	0.	186.956	13.673	0.02	2.	13.	22.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-10/23/95	76	0.043	0.056	0.35	0.	0.003	0.059	0.02	0.02	0.071	0.108
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	85	0.012	0.014	0.04	0.005	0.	0.009	0.005	0.005	0.018	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	75	1.01	0.989	2.63	0.06	0.216	0.464	0.504	0.68	1.22	1.514
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-10/26/92	62	0.48	0.462	1.1	0.02	0.072	0.269	0.027	0.289	0.63	0.789
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	2	1.2	1.2	1.88	0.52	0.925	0.962	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-10/26/92	56	0.072	0.072	0.198	0.022	0.001	0.032	0.035	0.05	0.085	0.101
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-10/26/92	55	0.038	0.041	0.092	0.005	0.001	0.023	0.013	0.022	0.056	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	75	0.013	0.022	0.078	0.	0.	0.02	0.004	0.004	0.036	0.053
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	1.	2.333	5.	1.	5.333	2.309	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-10/23/95	89	132.	138.18	308.	64.	1354.467	36.803	100.	118.	152.	178.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	3	30.	38.333	59.	26.	324.333	18.009	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	74	2.55	2.539	10.6	0.	3.855	1.963	0.45	1.2	3.225	4.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	7	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/94-10/03/94	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-10/03/94	16	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-10/03/94	16	## 5.	5.938	15.	5.	7.396	2.72	5.	5.	5.	11.5
01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-10/03/94	16	## 5.	8.125	12.5	5.	13.75	3.708	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/18/83-10/03/94	16	263.	266.75	642.	0.	43751.933	209.17	1.4	35.	404.25	622.4
01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-10/03/94	16	## 25.	22.344	25.	2.5	52.891	7.273	4.25	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-10/03/94	16	37.	98.438	737.	0.	32662.263	180.727	3.5	18.5	100.25	389.1
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-10/03/94	9	## 2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	4	3850.	4075.	7900.	700.	9442500.	3072.865	**	**	**	**

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

Parameter Inventory for Station: NACC0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/83-02/22/84	4	3.569	3.47	3.898	2.845	0.207	0.455	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2951.344								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	63	800.	1103.825	11000.	9.	2813277.534	1677.283	130.	300.	1143.	1700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	63	2.903	2.779	4.041	0.954	0.275	0.524	2.114	2.477	3.058	3.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			600.738								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	3	100.	850.	2400.	50.	1802500.	1342.572	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	3	2.	2.36	3.38	1.699	0.804	0.896	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			228.943								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/08/90-09/23/91	12	7250.	7825.	18600.	900.	37656590.909	6136.497	930.	1450.	13575.	17340.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/08/90-09/23/91	12	3.857	3.698	4.27	2.954	0.24	0.49	2.968	3.161	4.133	4.236
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4985.883								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	22	4.	6.977	22.	0.5	49.511	7.036	0.5	1.	13.25	19.8
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	22	8.5	15.409	58.	0.	324.634	18.018	1.	1.	30.5	45.9
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-07/18/94	14 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-10/23/95	92	14.	15.717	138.	2.	269.216	16.408	5.	8.	18.75	24.4

** - 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: NACC0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/14---------- Obs	Exceed	Prop.	----------10/15-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	90	5	0.06	37	0	0.00	21	3	0.14	32	2	0.06			
00400	PH	Fresh Chronic	9.	90	1	0.01	38	1	0.03	21	0	0.00	31	0	0.00			
		Other-Lo Lim.	6.5	90	2	0.02	38	1	0.03	21	0	0.00	31	1	0.03			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	85	0	0.00	32	0	0.00	24	0	0.00	29	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	75	0	0.00	30	0	0.00	21	0	0.00	24	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00				3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	5.	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	1300.	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	15.	2 &	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	16	3	0.19	6	2	0.33	7	0	0.00	3	1	0.33			
		Drinking Water	5000.	16	0	0.00	6	0	0.00	7	0	0.00	3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	3	0.75				4	3	0.75						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	62 &	54	0.87	24	24	1.00	18	12	0.67	20	18	0.90			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33				2	1	0.50	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	2.	14	0	0.00	4	0	0.00	7	0	0.00	3	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	92	2	0.02	39	0	0.00	22	1	0.05	31	1	0.03			

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-10/23/95	39	26.1	25.077	30.	15.7	11.981	3.461	20.5	22.7	28.	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-10/23/95	39	338.	341.769	484.	240.	3546.445	59.552	264.	301.	379.	437.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-10/23/95	37	7.1	7.232	12.4	5.2	1.454	1.206	5.78	6.5	7.75	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-10/23/95	34	1.	1.31	4.1	0.05	1.013	1.007	0.5	0.5	1.925	3.05
00400	PH (STANDARD UNITS)	10/18/83-10/23/95	38	7.6	7.605	9.1	5.4	0.266	0.516	7.29	7.4	7.825	8.
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-10/23/95	38	7.6	6.88	9.1	5.4	0.805	0.897	7.29	7.4	7.825	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-10/23/95	38	0.025	0.132	3.981	0.001	0.412	0.642	0.01	0.015	0.04	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-10/23/95	39	90.	84.231	114.	0.	508.393	22.548	62.	80.	96.	106.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-10/23/95	25	10.	12.337	100.	0.02	395.536	19.888	0.02	0.1	14.	27.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-10/23/95	31	0.05	0.051	0.15	0.02	0.001	0.031	0.02	0.02	0.071	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	32	0.012	0.013	0.035	0.005	0.	0.009	0.005	0.005	0.017	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	30	0.825	0.776	1.27	0.06	0.117	0.342	0.213	0.553	1.063	1.195
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-10/26/92	22	0.487	0.517	1.1	0.027	0.086	0.293	0.03	0.379	0.691	0.997
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-10/26/92	21	0.076	0.074	0.099	0.022	0.	0.017	0.047	0.068	0.085	0.092
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-10/26/92	20	0.048	0.047	0.092	0.013	0.001	0.024	0.02	0.024	0.064	0.085
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	29	0.028	0.028	0.076	0.004	0.	0.021	0.004	0.007	0.041	0.065
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-10/23/95	39	140.	143.436	308.	106.	1014.358	31.849	118.	124.	152.	170.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	29	2.5	2.969	10.6	0.3	5.734	2.395	0.6	1.6	3.35	7.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	24	1043.5	1387.833	11000.	263.	4434377.797	2105.796	300.	490.	1440.25	1700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	24	3.017	2.961	4.041	2.42	0.126	0.355	2.477	2.69	3.158	3.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			913.621								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-10/23/95	39	13.	12.462	28.	2.	46.308	6.805	4.	6.	17.	22.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-10/23/95	22	12.	10.527	17.8	0.4	26.17	5.116	2.08	7.3	14.325	16.95
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-10/23/95	22	337.5	321.818	499.	99.	11063.775	105.184	131.8	259.	394.5	444.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-10/23/95	21	9.2	8.529	14.	0.4	14.284	3.779	1.28	8.05	10.55	13.32
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-10/23/95	19	1.4	1.863	5.7	0.	2.33	1.527	0.5	0.5	3.	4.2
00400	PH (STANDARD UNITS)	10/18/83-10/23/95	21	7.6	7.519	8.1	7.	0.09	0.299	7.02	7.25	7.7	7.88
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-10/23/95	21	7.6	7.419	8.1	7.	0.1	0.316	7.02	7.25	7.7	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-10/23/95	21	0.025	0.038	0.1	0.008	0.001	0.028	0.013	0.02	0.057	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-10/23/95	22	86.	84.273	140.	6.	982.208	31.34	42.	66.	110.	115.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-10/23/95	19	6.	8.264	30.	0.	84.964	9.218	0.	2.	12.	28.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-10/23/95	21 ##	0.02	0.045	0.259	0.	0.004	0.064	0.012	0.02	0.045	0.172
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	24	0.01	0.013	0.04	0.005	0.	0.009	0.005	0.005	0.019	0.028
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	21	1.36	1.405	2.63	0.66	0.252	0.502	0.792	1.03	1.705	2.204
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-10/26/92	20	0.452	0.409	0.783	0.02	0.06	0.246	0.028	0.168	0.609	0.76
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-10/26/92	18	0.066	0.071	0.198	0.03	0.002	0.042	0.03	0.035	0.094	0.117
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-10/26/92	18	0.04	0.043	0.092	0.01	0.001	0.023	0.013	0.027	0.063	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	20	0.016	0.025	0.078	0.	0.001	0.023	0.003	0.008	0.039	0.067
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-10/23/95	19	146.	153.053	280.	90.	1879.275	43.351	100.	120.	178.	192.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	21	1.5	1.752	3.6	0.	1.28	1.131	0.42	0.6	2.75	3.48
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	19	460.	766.158	4900.	9.	1212144.029	1100.974	20.	130.	944.	1700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	19	2.663	2.518	3.69	0.954	0.46	0.678	1.301	2.114	2.975	3.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			329.488								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-10/23/95	22	12.	19.045	138.	2.	809.95	28.46	2.6	5.75	19.5	41.1

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-10/23/95	32	20.95	20.375	28.7	11.4	24.566	4.956	13.43	15.35	24.7	26.11
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-10/23/95	32	281.	276.313	533.	140.	5120.544	71.558	204.6	230.75	303.	340.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-10/23/95	32	8.	7.95	11.1	0.	5.323	2.307	6.53	7.025	9.6	10.08
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-10/23/95	25	1.7	1.814	4.6	0.	1.226	1.107	0.1	1.35	2.45	3.45
00400	PH (STANDARD UNITS)	10/18/83-10/23/95	31	7.7	7.771	8.8	6.4	0.334	0.578	7.02	7.4	8.3	8.58
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-10/23/95	31	7.7	7.395	8.8	6.4	0.48	0.693	7.02	7.4	8.3	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-10/23/95	31	0.02	0.04	0.398	0.002	0.006	0.074	0.003	0.005	0.04	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-10/23/95	31	76.	75.581	118.	42.	323.985	18.	49.2	64.	86.	101.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-10/23/95	22	10.	10.442	25.	0.02	45.266	6.728	0.1	7.5	14.	20.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-10/23/95	24	0.055	0.073	0.35	0.01	0.006	0.077	0.02	0.02	0.087	0.178
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	29	0.015	0.015	0.036	0.005	0.	0.008	0.005	0.008	0.02	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/14/95	24	0.94	0.893	1.41	0.15	0.101	0.318	0.395	0.69	1.17	1.265
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-10/26/92	20	0.489	0.453	0.845	0.02	0.07	0.264	0.02	0.27	0.666	0.801
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-10/26/92	17	0.06	0.071	0.19	0.038	0.001	0.036	0.04	0.048	0.083	0.121
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-10/26/92	17	0.026	0.031	0.072	0.005	0.	0.019	0.005	0.018	0.043	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	26	0.008	0.013	0.054	0.003	0.	0.013	0.004	0.004	0.016	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-10/23/95	31	117.	122.452	228.	64.	1129.056	33.601	94.4	100.	140.	166.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	24	2.8	2.706	7.1	0.05	3.313	1.82	0.3	1.275	3.45	5.75
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	20	790.	1083.8	7342.	80.	2447562.379	1564.469	122.	342.5	1093.25	2290.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-10/23/95	20	2.898	2.808	3.866	1.903	0.197	0.444	2.073	2.526	3.037	3.354
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			642.673								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-10/23/95	31	15.	17.452	78.	5.	165.989	12.884	8.	10.	21.	27.

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

Station Inventory for Station: NACC0126

NPS Station ID: NACC0126
LAT/LON: 38.895005/ -77.056671
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: KENNEDY CENTER,WASH.D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMS14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 02070010003201.47
RF3 Mile Point: 1.56
Distance from RF3: 0.06
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION: KENNEDY CENTER WASH.,D.C.
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: NACC0126

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: NACC0127

NPS Station ID: NACC0127
LAT/LON: 38.897226/ -77.033338
Agency: 111WS
Date Created: 05/12/78
Location: WASHINGTON AQUEDUCT
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 014
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 999
Aquifer:
Major Basin: N.ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 19.00
On/Off RF1:
RF3 Index: 02070010059700.00
RF3 Mile Point: 0.53
Distance from RF3: 0.37
On/Off RF3:
Description:
NATL.ORGANICS RECONNAISSANCE SURVEY OFF.OF RESEARCH & DEVEL.CINN,OHIO DELACARLIA PLANT

Parameter Inventory for Station: NACC0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/04/75-03/04/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/13/75-02/13/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	03/04/75-03/04/75	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
81280	NONPURGEABLE ORGANIC CARBON MG/L	02/13/75-02/13/75	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: NACC0127

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: NACC0128

NPS Station ID: NACC0128
LAT/LON: 38.897504/ -77.009170
Agency: 1119ORPF
Date Created: / /
Location: RGN 3
FIPS State/County: 11001 DISTRICT OF COLU/WASHINGTON
Station Type: /AMBNT/ESTURY
STORET Station ID(s): PMN301 /001000108
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: WASHINGTON
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02070010029
RF1 Mile Point: 0.490
Distance from RF1: 1.00
On/Off RF1: ON
RF3 Index: 02070010002500.00
RF3 Mile Point: 0.41
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85506	BETA COUNT IN MEDIA OTHER THAN WATER (PC/L)	11/06/70-11/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85507	BETA COUNTING ERROR IN MEDIA OTHER THAN WATER	11/06/70-11/06/70	1	700.	700.	700.	700.	0.	0.	**	**	**	**
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	105	2.	2.724	9.	0.	7.779	2.789	0.	0.	5.	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	105	8.	6.857	9.	0.	7.931	2.816	0.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	105	9.	9.305	22.	0.	14.964	3.868	4.	7.	12.	14.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	105	7.	6.019	8.	0.	6.115	2.473	0.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	105	3.	3.019	9.	0.	6.769	2.602	0.	0.	5.	7.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	105	7.	5.943	7.	0.	6.189	2.488	0.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	105	1.5	1.486	1.7	1.27	0.006	0.078	1.392	1.42	1.525	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	105	0.12	0.103	0.15	0.	0.002	0.043	0.	0.12	0.12	0.12
85526	STRONTIUM-89 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	35	1.	1.857	7.	0.	5.185	2.277	0.	0.	4.	6.
85527	STRONTIUM-89, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	35	0.	1.6	5.	0.	5.482	2.341	0.	0.	5.	5.
85528	STRONTIUM-90 IN PASTUERIZED MILK (PC/L)	02/14/69-07/06/73	35	7.	7.114	9.	2.	3.398	1.843	4.	6.	9.	9.
85529	STRONTIUM-90, COUNTING ERROR IN MILK (PC/L)	02/14/69-07/06/73	35	0.	0.503	2.	0.	0.368	0.607	0.	0.	1.	1.

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

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

Annual Analysis for 1969 - Station NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	41	1.	2.293	9.	0.	7.512	2.741	0.	0.	4.	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	41	8.	5.073	8.	0.	15.22	3.901	0.	0.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	41	10.	9.195	16.	0.	12.111	3.48	4.	8.	11.	13.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	41	7.	4.463	8.	0.	11.805	3.436	0.	0.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	41	2.	2.512	8.	0.	6.456	2.541	0.	0.	4.	7.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	41	7.	4.439	7.	0.	11.652	3.414	0.	0.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	41	1.5	1.497	1.65	1.37	0.005	0.072	1.4	1.43	1.555	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	41	0.12	0.076	0.15	0.	0.003	0.059	0.	0.	0.12	0.12

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

Annual Analysis for 1970 - Station NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	28	1.	1.857	8.	0.	6.127	2.475	0.	0.	3.75	6.2
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	28	8.	7.964	8.	7.	0.036	0.189	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	28	11.	11.071	22.	5.	13.847	3.721	6.9	8.25	12.	17.1
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	28	7.	7.036	8.	7.	0.036	0.189	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	28	3.	3.143	9.	0.	7.016	2.649	0.	1.	5.	8.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	28	7.	6.786	7.	2.	0.915	0.957	6.9	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	28	1.5	1.507	1.7	1.4	0.004	0.066	1.4	1.5	1.5	1.6
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	28	0.12	0.121	0.13	0.12	0.	0.003	0.12	0.12	0.12	0.121

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

Annual Analysis for 1971 - Station NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	9	5.	3.333	6.	0.	5.5	2.345	0.	1.	5.	6.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	9	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	9	11.	11.222	18.	7.	13.194	3.632	7.	8.	14.	18.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	9	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	9	4.	3.556	6.	0.	4.778	2.186	0.	1.5	5.	6.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	9	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	9	1.5	1.491	1.56	1.41	0.002	0.046	1.41	1.455	1.52	1.56
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	9	0.12	0.12	0.12	0.12	0.	0.	0.12	0.12	0.12	0.12

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

Annual Analysis for 1972 - Station NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	14	4.5	4.143	7.	0.	5.978	2.445	0.	2.	6.25	7.
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	14	8.	8.	8.	8.	0.	0.	8.	8.	8.	8.
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	14	8.	8.214	13.	2.	14.181	3.766	3.	5.	12.	13.
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	14	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	14	3.	4.	9.	0.	8.308	2.882	0.5	2.	5.75	9.
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	14	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	14	1.42	1.409	1.5	1.31	0.004	0.063	1.325	1.348	1.48	1.495
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	14	0.12	0.12	0.12	0.12	0.	0.	0.12	0.12	0.12	0.12

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

Annual Analysis for 1973 - Station NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	12	4.5	4.333	9.	0.	11.152	3.339	0.	0.5	7.75	8.7
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	12	8.	8.083	9.	8.	0.083	0.289	8.	8.	8.	8.7
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	12	6.	6.083	11.	1.	6.992	2.644	1.6	4.25	8.	10.1
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	12	3.	3.167	7.	0.	6.697	2.588	0.	0.25	6.	6.7
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	12	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	12	1.53	1.473	1.57	1.27	0.011	0.106	1.288	1.365	1.563	1.57
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	12	0.12	0.121	0.13	0.12	0.	0.003	0.12	0.12	0.12	0.127

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

Annual Analysis for 1974 - Station NACC0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
85508	BARIUM-LANTHANUM IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85509	BARIUM-LANTHANUM, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
85514	CESIUM-137 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
85515	CESIUM-137, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85516	IODINE-131 IN PASTEURIZED MILK (PC/L)	01/03/69-01/11/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
85517	IODINE-131, COUNTING ERROR IN MILK (PC/L)	01/03/69-01/11/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
85520	POTASSIUM-40 IN PASTEURIZED MILK (GM/L)	01/03/69-01/11/74	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
85521	POTASSIUM-40, COUNTING ERROR IN MILK (GM/L)	01/03/69-01/11/74	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**

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

Station Inventory for Station: NACC0129

NPS Station ID: NACC0129 | LAT/LON: 38.898337/ -77.058060 | Agency: 21DCBAWQ | Date Created: 08/20/88
Location: SOUTH BANK OF ROCK CREEK D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS13
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 3.80 | On/Off RF1:
RF3 Index: 02070010003600.00 | RF3 Mile Point: 2.23 | Distance from RF3: 0.02 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: D.C. SOUTH BANK OF ROCK CREEK
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS

Parameter Inventory for Station: NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	129	17.5	16.923	32.1	1.4	79.148	8.896	4.6	8.25	25.2	27.5
00032	CLOUD COVER (PERCENT)	10/01/84-05/13/85	3	100.	70.	100.	10.	2700.	51.962	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/01/84-06/14/93	3	0.8	0.967	1.4	0.7	0.143	0.379	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	126	301.	308.246	578.	144.	6425.195	80.157	212.8	255.	350.25	408.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	129	8.9	9.066	14.8	0.2	7.1	2.665	6.7	7.65	10.8	12.7
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	126	7.9	7.945	9.4	6.6	0.168	0.41	7.5	7.7	8.2	8.43
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	126	7.9	7.755	9.4	6.6	0.205	0.452	7.5	7.7	8.2	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	126	0.013	0.018	0.251	0.	0.001	0.025	0.004	0.006	0.02	0.032
04378	WAVE STATE CODE	03/11/96-10/14/97	16	1000.	1062.5	2000.	1000.	62500.	250.	1000.	1000.	1000.	1300.

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

EPA Water Quality Criteria Analysis for Station: NACC0129

				Total	Exceed	Prop.	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	129	7	0.05	50	1	0.02	44	5	0.11	35	1	0.03			
00400	PH	Fresh Chronic	9.	126	1	0.01	50	1	0.02	43	0	0.00	33	0	0.00			
		Other-Lo Lim.	6.5	126	0	0.00	50	0	0.00	43	0	0.00	33	0	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 1984 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	1	275.	275.	275.	275.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	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 box-and-whisker plot

Annual Analysis for 1985 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	9	23.7	19.578	26.9	5.2	59.112	7.688	5.2	12.9	26.	26.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	9	260.	283.444	375.	230.	2530.778	50.307	230.	239.	320.	375.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	9	8.6	9.233	13.	6.5	5.99	2.447	6.5	7.15	11.85	13.
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	9	7.8	7.756	8.2	6.6	0.218	0.467	6.6	7.7	8.05	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	9	7.8	7.398	8.2	6.6	0.361	0.601	6.6	7.7	8.05	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	9	0.016	0.04	0.251	0.006	0.006	0.079	0.006	0.009	0.02	0.251

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

Annual Analysis for 1986 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	11	18.3	15.282	28.7	1.4	124.442	11.155	1.58	4.6	27.5	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	11	329.	353.	528.	252.	8000.2	89.444	255.6	281.	426.	516.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	11	7.6	8.127	13.6	1.4	15.978	3.997	1.6	7.1	12.8	13.54
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.9	8.118	8.9	7.8	0.144	0.379	7.8	7.8	8.3	8.86
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.9	8.009	8.9	7.8	0.157	0.396	7.8	7.8	8.3	8.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	11	0.013	0.01	0.016	0.001	0.	0.006	0.001	0.005	0.016	0.016

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

Annual Analysis for 1987 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	12	11.7	14.467	29.2	2.4	100.982	10.049	2.61	6.225	26.1	28.51
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	12	272.	273.5	446.	144.	6747.727	82.145	160.2	206.5	309.5	424.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	12	7.55	6.258	12.1	0.2	14.97	3.869	0.62	2.425	9.1	11.59
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.6	7.6	8.2	7.2	0.12	0.346	7.2	7.3	7.8	8.18
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.6	7.492	8.2	7.2	0.133	0.364	7.2	7.3	7.8	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	11	0.025	0.032	0.063	0.006	0.	0.021	0.007	0.016	0.05	0.063

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

Annual Analysis for 1988 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	10	17.5	17.5	30.5	5.	69.056	8.31	5.48	10.925	24.95	30.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	10	337.	337.9	526.	165.	14270.544	119.459	166.2	235.5	430.	520.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	10	9.25	9.	11.9	5.2	4.007	2.002	5.33	7.775	10.525	11.8

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

Annual Analysis for 1988 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.1	8.011	8.7	7.4	0.164	0.404	7.4	7.65	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.1	7.856	8.7	7.4	0.191	0.437	7.4	7.65	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	9	0.008	0.014	0.04	0.002	0.	0.012	0.002	0.005	0.023	0.04

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

Annual Analysis for 1989 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	11	14.9	15.291	27.2	2.2	89.933	9.483	2.42	5.	24.9	27.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	9	317.	302.667	336.	218.	1439.	37.934	218.	283.5	331.	336.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	11	9.9	9.764	13.5	7.6	3.665	1.914	7.64	8.1	10.7	13.24
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	11	8.	8.064	8.9	7.6	0.187	0.432	7.6	7.7	8.4	8.84
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	11	8.	7.912	8.9	7.6	0.212	0.46	7.6	7.7	8.4	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	11	0.01	0.012	0.025	0.001	0.	0.009	0.002	0.004	0.02	0.025

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

Annual Analysis for 1990 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	10	18.5	16.26	26.5	5.2	77.549	8.806	5.23	5.575	24.15	26.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	9	255.	251.	311.	175.	1372.75	37.051	175.	232.	270.	311.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	10	9.35	9.99	13.9	7.7	5.497	2.344	7.7	7.7	12.275	13.79
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	10	7.7	7.79	8.6	7.4	0.119	0.345	7.41	7.575	7.925	8.54
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	10	7.689	7.698	8.6	7.4	0.128	0.358	7.41	7.575	7.925	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	10	0.02	0.02	0.04	0.003	0.	0.011	0.003	0.012	0.027	0.039

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

Annual Analysis for 1991 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	8	23.4	21.613	29.4	9.	64.821	8.051	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	8	368.5	377.125	513.	255.	5585.554	74.737	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	8	8.6	8.863	12.7	6.8	3.934	1.983	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	8	8.05	7.95	8.2	7.5	0.066	0.256	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	8	8.047	7.874	8.2	7.5	0.072	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	8	0.009	0.013	0.032	0.006	0.	0.01	**	**	**	**

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

Annual Analysis for 1992 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	11	15.7	15.927	26.9	3.6	62.974	7.936	4.16	8.7	23.8	26.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	11	291.	297.364	349.	257.	953.855	30.885	257.6	271.	329.	345.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	11	10.	9.991	13.5	7.7	4.125	2.031	7.76	8.	11.7	13.32
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.9	7.882	8.3	7.5	0.068	0.26	7.52	7.6	8.1	8.26
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.9	7.813	8.3	7.5	0.073	0.27	7.52	7.6	8.1	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	11	0.013	0.015	0.032	0.005	0.	0.009	0.006	0.008	0.025	0.03

** - 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

Annual Analysis for 1993 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	12	14.65	16.017	32.1	2.5	94.365	9.714	3.4	6.3	24.9	30.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	12	320.5	301.917	408.	153.	7679.72	87.634	163.2	208.5	380.75	404.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	12	9.75	10.067	14.8	6.7	5.79	2.406	6.91	7.875	11.85	14.14
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.9	7.936	8.9	7.2	0.237	0.486	7.22	7.6	8.3	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	11	7.9	7.719	8.9	7.2	0.289	0.537	7.22	7.6	8.3	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	11	0.013	0.019	0.063	0.001	0.	0.02	0.002	0.005	0.025	0.061

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

Annual Analysis for 1994 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	9	19.9	18.356	30.2	4.5	86.168	9.283	4.5	8.95	26.65	30.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	9	322.	319.556	365.	247.	1759.278	41.944	247.	286.	358.	365.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	9	8.9	8.711	13.5	5.3	5.321	2.307	5.3	7.05	9.6	13.5
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.	8.022	8.6	7.6	0.099	0.315	7.6	7.75	8.25	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.	7.932	8.6	7.6	0.109	0.33	7.6	7.75	8.25	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	9	0.01	0.012	0.025	0.003	0.	0.007	0.003	0.006	0.018	0.025

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

Annual Analysis for 1995 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	9	20.3	18.711	29.2	1.7	89.656	9.469	1.7	11.1	26.05	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	9	297.	354.889	578.	233.	13497.611	116.179	233.	270.	451.5	578.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	9	8.5	9.089	13.3	7.3	4.426	2.104	7.3	7.4	10.5	13.3
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.1	8.078	8.5	7.6	0.104	0.323	7.6	7.8	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.1	7.974	8.5	7.6	0.117	0.342	7.6	7.8	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	9	0.008	0.011	0.025	0.003	0.	0.008	0.003	0.004	0.016	0.025

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

Annual Analysis for 1996 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	7	15.5	15.729	24.7	2.9	78.762	8.875	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	7	230.	253.857	344.	187.	4054.143	63.672	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	7	9.9	9.786	12.9	7.1	5.211	2.283	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	7	7.9	7.786	8.4	7.3	0.155	0.393	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	7	7.9	7.643	8.4	7.3	0.179	0.423	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	7	0.013	0.023	0.05	0.004	0.	0.019	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	9	18.2	17.6	28.3	4.	77.848	8.823	4.	9.2	25.9	28.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	9	319.	303.111	408.	194.	4388.861	66.248	194.	243.5	346.	408.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	9	9.2	9.433	12.6	7.1	3.283	1.812	7.1	7.75	10.75	12.6

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

Annual Analysis for 1997 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.2	8.144	8.6	7.6	0.128	0.357	7.6	7.8	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	9	8.2	8.018	8.6	7.6	0.146	0.382	7.6	7.8	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	9	0.006	0.01	0.025	0.003	0.	0.008	0.003	0.003	0.016	0.025

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	50	25.5	24.494	32.1	14.9	18.131	4.258	17.41	22.475	27.35	29.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	48	338.	345.604	528.	203.	4443.989	66.663	269.9	310.	381.75	448.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	50	7.75	7.762	10.4	0.2	2.24	1.497	6.52	7.275	8.575	9.28
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	50	8.	8.04	9.4	7.3	0.135	0.367	7.6	7.8	8.225	8.58
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	50	8.	7.914	9.4	7.3	0.151	0.388	7.6	7.8	8.225	8.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	50	0.01	0.012	0.05	0.	0.	0.009	0.003	0.006	0.016	0.025

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	44	5.6	6.814	19.7	1.4	16.011	4.001	2.35	4.125	8.925	11.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	43	286.	295.744	526.	153.	5938.481	77.062	209.8	247.	329.	409.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	44	11.85	10.709	14.8	1.4	11.088	3.33	3.55	9.725	12.775	13.5
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	43	7.9	7.891	8.9	7.2	0.139	0.373	7.3	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	43	7.9	7.739	8.9	7.2	0.163	0.404	7.3	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	43	0.013	0.018	0.063	0.001	0.	0.017	0.005	0.008	0.025	0.05

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-10/14/97	35	18.2	18.817	29.4	6.9	31.343	5.598	11.26	15.1	23.7	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/84-10/14/97	35	270.	272.371	578.	144.	6650.299	81.549	176.2	218.	317.	359.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/84-10/14/97	35	9.	8.863	13.	2.2	3.444	1.856	7.1	7.7	10.2	10.94
00400	PH (STANDARD UNITS)	10/01/84-10/14/97	33	7.8	7.873	8.9	6.6	0.244	0.494	7.34	7.6	8.2	8.66
00400	CONVERTED PH (STANDARD UNITS)	10/01/84-10/14/97	33	7.8	7.603	8.9	6.6	0.319	0.565	7.34	7.6	8.2	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-10/14/97	33	0.016	0.025	0.251	0.001	0.002	0.043	0.002	0.006	0.025	0.046

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

Station Inventory for Station: NACC0130

NPS Station ID: NACC0130
LAT/LON: 38.900004/ -77.055559
Agency: 31POTOMA
Date Created: 01/24/81
Location: ROCK CREEK AT VIRGINIA AVENUE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101034.0 /RC7
RMI-Indexes: 0214001 002700
Within Park Boundary: No
RMI-Miles: 0101.00 0000.10
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 11.70
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 3.73
Distance from RF3: 0.81
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0130

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

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

Station Inventory for Station: NACC0131

NPS Station ID: NACC0131 LAT/LON: 38.900281/ -77.061671 Agency: 21DCBAWQ Date Created: 10/28/86
Location: ROCK CREEK NORTH D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS12
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0096.75
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.400 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003201.47 RF3 Mile Point: 2.29 Distance from RF3: 0.08 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROCK CREEK NORTH, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	134	17.6	16.655	32.2	1.5	81.594	9.033	4.6	7.425	24.95	27.95
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	78.5	57.2	100.	0.	2306.178	48.023	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-10/05/87	4	0.65	0.775	1.6	0.2	0.429	0.655	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	126	299.5	306.746	579.	119.	6932.591	83.262	199.8	255.75	355.	403.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	133	9.	9.254	14.7	0.5	6.887	2.624	6.88	7.65	11.25	12.76
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	122	7.9	7.946	8.9	7.1	0.15	0.387	7.43	7.7	8.2	8.47
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	122	7.9	7.788	8.9	7.1	0.175	0.418	7.43	7.7	8.2	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	122	0.013	0.016	0.079	0.001	0.	0.015	0.003	0.006	0.02	0.037
04378	WAVE STATE CODE	03/11/96-10/14/97	17	1000.	1058.824	2000.	1000.	58823.529	242.536	1000.	1000.	1000.	1200.

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

EPA Water Quality Criteria Analysis for Station: NACC0131

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	133	5	0.04	51	1	0.02	48	3	0.06	34	1	0.03			
00400	PH	Fresh Chronic	9.	122	0	0.00	48	0	0.00	43	0	0.00	31	0	0.00			
		Other-Lo Lim.	6.5	122	0	0.00	48	0	0.00	43	0	0.00	31	0	0.00			

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

Annual Analysis for 1983 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.2	10.867	19.	6.4	49.773	7.055	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	252.	252.	354.	150.	20808.	144.25	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	10.967	12.2	8.6	4.203	2.05	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	24.	17.943	29.3	3.7	129.1	11.362	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	150.	183.333	281.	119.	7394.333	85.99	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	9.2	9.586	13.6	6.7	7.375	2.716	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.6	11.6	18.1	5.1	42.25	6.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	260.	270.333	315.	236.	1640.333	40.501	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.1	11.	12.7	9.2	3.07	1.752	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	3	7.8	7.8	7.9	7.7	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	3	7.8	7.792	7.9	7.7	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	3	0.016	0.016	0.02	0.013	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 1986 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	19.9	16.33	28.7	1.5	125.06	11.183	1.58	4.1	27.7	28.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	342.	360.6	528.	250.	8295.822	91.081	252.1	279.25	434.75	522.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	7.45	8.59	13.7	1.4	14.152	3.762	1.94	7.025	12.8	13.67
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	10	7.9	8.02	8.9	7.2	0.237	0.487	7.24	7.75	8.375	8.87
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	10	7.9	7.8	8.9	7.2	0.291	0.54	7.24	7.75	8.375	8.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	10	0.013	0.016	0.063	0.001	0.	0.018	0.001	0.004	0.018	0.059

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

Annual Analysis for 1987 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	11.75	14.467	29.2	2.4	100.477	10.024	2.67	6.375	26.025	28.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	271.5	273.583	446.	144.	6726.083	82.013	159.9	208.75	309.5	424.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.25	6.233	11.9	0.5	14.361	3.79	0.71	2.475	9.15	11.45
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	11	7.5	7.564	8.2	7.1	0.127	0.356	7.12	7.3	7.7	8.18
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	11	7.5	7.452	8.2	7.1	0.14	0.374	7.12	7.3	7.7	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	11	0.032	0.035	0.079	0.006	0.001	0.023	0.007	0.02	0.05	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

Annual Analysis for 1988 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.7	17.56	30.4	5.	68.147	8.255	5.49	11.025	25.	29.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	338.	337.2	528.	167.	14277.956	119.49	168.	235.5	426.5	522.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.3	9.067	11.6	5.3	4.04	2.01	5.3	7.65	10.75	11.6
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.1	8.011	8.7	7.4	0.171	0.414	7.4	7.6	8.25	8.7
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.1	7.844	8.7	7.4	0.203	0.45	7.4	7.6	8.25	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.008	0.014	0.04	0.002	0.	0.013	0.002	0.006	0.026	0.04

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

Annual Analysis for 1989 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	14.8	15.3	27.1	2.6	88.898	9.429	2.74	5.	24.8	26.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	317.	301.333	335.	218.	1437.25	37.911	218.	282.	331.5	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.	9.782	13.5	7.6	3.614	1.901	7.66	8.	10.7	13.2
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.	8.1	8.9	7.5	0.178	0.422	7.54	7.8	8.4	8.84
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.	7.945	8.9	7.5	0.205	0.452	7.54	7.8	8.4	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	11	0.01	0.011	0.032	0.001	0.	0.009	0.002	0.004	0.016	0.029

** - Less than 9 observations ## - Computed with 50% or 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 NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.55	16.42	27.	5.1	80.404	8.967	5.15	5.6	24.6	26.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	263.	257.778	312.	178.	1364.194	36.935	178.	243.	277.	312.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.35	10.03	13.9	7.6	5.44	2.332	7.62	7.8	12.425	13.79
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	10	7.7	7.81	8.6	7.4	0.117	0.341	7.42	7.6	8.	8.54
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	10	7.689	7.718	8.6	7.4	0.126	0.355	7.42	7.6	8.	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	10	0.02	0.019	0.04	0.003	0.	0.011	0.003	0.01	0.025	0.038

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

Annual Analysis for 1991 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.9	21.478	29.4	9.2	57.554	7.586	9.2	14.8	29.1	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	361.	364.	511.	256.	6380.25	79.876	256.	298.5	411.	511.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.2	8.844	12.8	7.1	3.43	1.852	7.1	7.35	9.9	12.8
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.1	8.011	8.2	7.6	0.046	0.215	7.6	7.85	8.15	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.1	7.957	8.2	7.6	0.049	0.222	7.6	7.85	8.15	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.008	0.011	0.025	0.006	0.	0.007	0.006	0.007	0.015	0.025

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

Annual Analysis for 1992 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.7	15.936	26.9	3.5	63.717	7.982	4.06	8.7	23.8	26.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	309.	306.182	358.	257.	1187.564	34.461	257.4	280.	334.	356.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.1	10.055	13.4	7.7	3.813	1.953	7.78	8.3	11.6	13.26

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

Annual Analysis for 1992 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.	7.882	8.3	7.5	0.066	0.256	7.52	7.6	8.1	8.26
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.	7.815	8.3	7.5	0.071	0.266	7.52	7.6	8.1	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	11	0.01	0.015	0.032	0.005	0.	0.009	0.006	0.008	0.025	0.03

** - 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

Annual Analysis for 1993 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	13	17.5	16.631	32.2	2.4	91.697	9.576	3.68	7.	24.65	29.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	13	319.	305.154	406.	153.	7457.974	86.36	165.4	219.	381.5	403.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	13	9.8	9.815	14.7	6.4	6.403	2.53	6.4	7.7	11.9	13.86
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	12	7.95	7.975	8.9	7.2	0.213	0.461	7.29	7.625	8.3	8.75
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	12	7.947	7.775	8.9	7.2	0.257	0.507	7.29	7.625	8.3	8.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	12	0.011	0.017	0.063	0.001	0.	0.017	0.002	0.005	0.024	0.054

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

Annual Analysis for 1994 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.9	18.4	30.4	4.5	86.58	9.305	4.5	9.05	26.65	30.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	321.	318.333	364.	245.	1812.75	42.576	245.	284.	357.5	364.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.8	8.789	13.2	6.3	4.366	2.09	6.3	6.95	9.6	13.2
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	7.9	8.033	8.7	7.6	0.102	0.32	7.6	7.85	8.2	8.7
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	7.9	7.947	8.7	7.6	0.111	0.333	7.6	7.85	8.2	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.013	0.011	0.025	0.002	0.	0.007	0.002	0.006	0.014	0.025

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

Annual Analysis for 1995 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.2	18.733	29.2	1.8	89.09	9.439	1.8	11.15	26.15	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	300.	354.556	579.	234.	13282.528	115.25	234.	271.	445.5	579.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.2	9.122	13.3	7.1	4.364	2.089	7.1	7.7	10.55	13.3
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.2	8.111	8.5	7.7	0.104	0.322	7.7	7.8	8.45	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.2	8.01	8.5	7.7	0.115	0.339	7.7	7.8	8.45	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.006	0.01	0.02	0.003	0.	0.007	0.003	0.004	0.016	0.02

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

Annual Analysis for 1996 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.25	14.563	24.9	2.9	87.106	9.333	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	248.5	263.	361.	187.	3524.	59.363	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.15	10.463	13.7	7.6	5.56	2.358	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	8	7.9	7.863	8.4	7.3	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	8	7.9	7.69	8.4	7.3	0.214	0.462	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	8	0.013	0.02	0.05	0.004	0.	0.019	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	18.1	17.589	28.4	3.9	77.896	8.826	3.9	9.25	25.75	28.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	319.	302.333	402.	193.	4313.	65.673	193.	242.5	346.5	402.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.2	9.433	12.7	7.1	3.458	1.859	7.1	7.9	10.9	12.7
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.2	8.133	8.6	7.6	0.118	0.343	7.6	7.8	8.45	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.2	8.015	8.6	7.6	0.133	0.365	7.6	7.8	8.45	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.006	0.01	0.025	0.003	0.	0.008	0.003	0.004	0.016	0.025

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	51	25.1	24.545	32.2	14.8	17.623	4.198	17.78	22.8	27.3	29.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	47	345.	347.213	528.	206.	4461.954	66.798	272.4	310.	385.	451.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	51	8.	7.818	10.5	0.5	2.121	1.456	6.4	7.2	8.6	9.28
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	48	8.	8.021	8.7	7.3	0.1	0.316	7.6	7.825	8.2	8.41
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	48	8.	7.911	8.7	7.3	0.112	0.334	7.6	7.825	8.2	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	48	0.01	0.012	0.05	0.002	0.	0.01	0.004	0.006	0.015	0.025

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	48	5.6	6.731	19.7	1.5	14.839	3.852	2.4	4.05	8.625	11.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	281.	284.761	528.	119.	7133.075	84.458	174.7	243.25	323.	402.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	48	11.9	11.115	14.7	1.2	8.917	2.986	8.03	10.175	12.8	13.61
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	43	7.9	7.874	8.9	7.1	0.153	0.392	7.24	7.6	8.1	8.36
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	43	7.9	7.709	8.9	7.1	0.181	0.426	7.24	7.6	8.1	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	43	0.013	0.02	0.079	0.001	0.	0.018	0.004	0.008	0.025	0.058

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	35	18.1	18.769	29.4	6.9	35.738	5.978	10.56	15.1	24.	26.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	33	280.	279.758	579.	144.	6784.377	82.367	177.4	226.5	324.5	364.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	34	8.9	8.782	11.4	2.3	3.183	1.784	6.95	7.75	10.125	10.95
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	31	7.8	7.929	8.9	7.3	0.217	0.466	7.4	7.6	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	31	7.8	7.743	8.9	7.3	0.253	0.503	7.4	7.6	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	31	0.016	0.018	0.05	0.001	0.	0.014	0.003	0.005	0.025	0.04

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

Station Inventory for Station: NACC0132

NPS Station ID: NACC0132 LAT/LON: 38.900865/ -77.058976 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): REF. STATION 01/H. THOMPSON /BOAT HOUSE
RMI-Indexes: 0214001 002700 Within Park Boundary: No
RMI-Miles: 0112.80 0000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 0.30 On/Off RF1:
RF3 Index: 02070010003612.38 RF3 Mile Point: 12.55 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/30/71	32	24.	23.463	26.	19.	3.219	1.794	20.15	23.	24.725	25.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/30/71	33	25.	24.933	29.5	19.	7.682	2.772	21.	23.	27.1	28.6
00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	29	7.2	7.262	9.6	5.5	0.655	0.809	6.6	6.8	7.8	8.6
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	30	0.673	0.73	2.862	0.063	0.248	0.498	0.177	0.497	0.87	1.172
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	43	24000.	204572.093	2400000.	2300.201757	438726.467	449174.174	4300.	9300.	140000.	844000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/71-08/12/71	43	4.38	4.567	6.38	3.362	0.651	0.807	3.633	3.968	5.146	5.89
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36876.066								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/15/71-08/12/71	43	4300.	26953.488	240000.	400.	3023942070.875	54990.382	1140.	2300.	15000.	103200.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	06/15/71-08/12/71	43	3.633	3.856	5.38	2.602	0.462	0.68	3.043	3.362	4.176	5.012
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			7174.461								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	11	4000.	16818.182	91000.	900.	747521636.364	27340.842	1180.	2300.	15000.	81400.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/26/71-08/12/71	11	3.602	3.834	4.959	2.954	0.344	0.587	3.036	3.362	4.176	4.894
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			6829.746								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	42	16500.	46915.476	300000.	1500.	5406040303.426	73525.78	5470.	10000.	42250.	130000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	42	4.217	4.321	5.477	3.176	0.282	0.531	3.737	4.	4.626	5.114
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			20961.328								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/18/71-08/12/71	30	0.03	0.036	0.18	0.007	0.001	0.033	0.01	0.02	0.04	0.059

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

EPA Water Quality Criteria Analysis for Station: NACC0132

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	15	0	0.00				14	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	30	3	0.10	24	2	0.08				6	1	0.17			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	43	1.00	27	27	1.00				16	16	1.00			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	42 &	42	1.00	26	26	1.00				16	16	1.00			

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

Station Inventory for Station: NACC0133

NPS Station ID: NACC0133 | LAT/LON: 38.901392/ -77.065837 | Agency: 21DCBAWQ | Date Created: 09/13/86
Location: ROOSEVELT ISLAND, WASH., D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS11
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0097.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010036 | RF1 Mile Point: 0.010 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.84 | Distance from RF3: 0.05 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH RIVER BASIN.
STATION LOCATION: ROOSEVELT ISLAND, D. C. PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	111	17.6	16.596	32.1	1.6	81.873	9.048	4.52	7.2	25.1	28.26
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	100.	65.7	100.	0.	2231.567	47.239	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.7	1.6	0.2	0.61	0.781	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	104	293.5	303.221	581.	119.	6951.378	83.375	201.	251.	349.75	409.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	99	9.2	9.719	13.8	6.1	4.692	2.166	7.2	7.9	11.7	12.9
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	98	7.9	7.949	8.9	7.2	0.147	0.383	7.4	7.7	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	98	7.9	7.787	8.9	7.2	0.173	0.416	7.4	7.7	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	98	0.013	0.016	0.063	0.001	0.	0.015	0.004	0.006	0.02	0.04
04378	WAVE STATE CODE	03/11/96-10/14/97	17	1000.	1058.824	2000.	1000.	58823.529	242.536	1000.	1000.	1000.	1200.

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

EPA Water Quality Criteria Analysis for Station: NACC0133

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	99	0	0.00	37	0	0.00	35	0	0.00	27	0	0.00			
00400	PH	Fresh Chronic	9.	98	0	0.00	37	0	0.00	37	0	0.00	24	0	0.00			
		Other-Lo Lim.	6.5	98	0	0.00	37	0	0.00	37	0	0.00	24	0	0.00			

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

Annual Analysis for 1983 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.2	10.9	19.	6.5	49.33	7.024	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	249.5	249.5	349.	150.	19800.5	140.714	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	11.033	12.4	8.6	4.463	2.113	**	**	**	**

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

Annual Analysis for 1984 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	14.2	16.443	29.2	3.5	122.816	11.082	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	147.	182.667	282.	119.	7596.333	87.157	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	9.9	9.957	13.5	6.5	6.4	2.53	**	**	**	**

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

Annual Analysis for 1985 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.5	11.6	18.1	5.2	41.61	6.451	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	259.	270.	315.	236.	1651.	40.632	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.3	11.	12.5	9.2	2.79	1.67	**	**	**	**
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**

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

Annual Analysis for 1986 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.3	15.336	28.6	1.6	122.597	11.072	1.74	4.6	27.5	28.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	329.	353.091	530.	251.	8009.091	89.494	254.6	280.	418.	518.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	7.3	9.586	13.6	6.1	11.891	3.448	**	**	**	**
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	11	7.8	7.945	8.9	7.2	0.249	0.499	7.22	7.8	8.2	8.84
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	11	7.8	7.725	8.9	7.2	0.302	0.55	7.22	7.8	8.2	8.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	11	0.016	0.019	0.063	0.001	0.	0.02	0.002	0.006	0.016	0.061

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

Annual Analysis for 1987 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	20.25	16.963	29.3	2.5	120.623	10.983	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	254.	270.	444.	198.	6434.571	80.216	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	7	7.7	7.586	8.2	7.2	0.138	0.372	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	7	7.7	7.468	8.2	7.2	0.154	0.393	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	7	0.02	0.034	0.063	0.006	0.001	0.024	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	2	12.7	12.7	14.7	10.7	8.	2.828	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	1	326.	326.	326.	326.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	2	10.3	10.3	10.6	10.	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	2	8.15	8.15	8.3	8.	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	2	8.125	8.125	8.3	8.	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	2	0.008	0.008	0.01	0.005	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 1990 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.4	16.34	26.2	5.3	77.794	8.82	5.33	5.675	24.6	26.13
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	255.	253.556	311.	178.	1379.528	37.142	178.	234.5	277.	311.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.4	10.06	13.8	7.8	5.363	2.316	7.81	7.9	12.575	13.7
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	10	7.8	7.83	8.7	7.4	0.138	0.371	7.41	7.575	8.	8.63
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	10	7.789	7.724	8.7	7.4	0.15	0.388	7.41	7.575	8.	8.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	10	0.016	0.019	0.04	0.002	0.	0.012	0.003	0.01	0.027	0.039

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

Annual Analysis for 1991 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.8	21.411	29.4	9.2	57.009	7.55	9.2	14.75	28.95	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	343.	361.111	511.	256.	6593.611	81.201	256.	293.	411.5	511.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.2	8.911	12.9	6.8	4.074	2.018	6.8	7.25	10.3	12.9
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.1	8.	8.2	7.6	0.042	0.206	7.6	7.85	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.1	7.95	8.2	7.6	0.045	0.213	7.6	7.85	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	9	0.008	0.011	0.025	0.006	0.	0.007	0.006	0.008	0.015	0.025

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

Annual Analysis for 1992 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.6	15.855	26.9	3.4	64.319	8.02	4.	8.2	23.8	26.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	309.	305.909	356.	256.	1165.691	34.142	256.6	280.	334.	354.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.2	10.173	13.4	7.7	3.96	1.99	7.74	8.1	11.7	13.22
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	11	7.8	7.864	8.4	7.4	0.087	0.294	7.44	7.6	8.1	8.36
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	11	7.8	7.78	8.4	7.4	0.094	0.307	7.44	7.6	8.1	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	11	0.016	0.017	0.04	0.004	0.	0.01	0.004	0.008	0.025	0.037

** - Less than 9 observations ## - Computed with 50% or 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 NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	14.7	15.942	32.1	2.4	93.455	9.667	3.36	6.3	24.85	30.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	326.5	303.667	410.	153.	7568.788	86.999	163.2	219.75	384.75	406.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.1	9.7	12.7	6.5	4.192	2.047	6.68	8.	11.9	12.54

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

Annual Analysis for 1993 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	11	7.9	8.018	8.8	7.2	0.232	0.481	7.26	7.6	8.4	8.72
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	11	7.9	7.788	8.8	7.2	0.29	0.539	7.26	7.6	8.4	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	11	0.013	0.016	0.063	0.002	0.	0.018	0.002	0.004	0.025	0.057

** - Less than 9 observations ## - Computed with 50% or 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 NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.9	18.422	30.5	4.5	86.637	9.308	4.5	9.15	26.55	30.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	351.	329.222	416.	244.	2991.694	54.696	244.	275.5	362.	416.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.6	8.944	13.6	6.4	4.458	2.111	6.4	7.35	9.8	13.6
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.	8.056	8.7	7.6	0.098	0.313	7.6	7.85	8.2	8.7
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.	7.97	8.7	7.6	0.106	0.326	7.6	7.85	8.2	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	9	0.01	0.011	0.025	0.002	0.	0.007	0.002	0.006	0.014	0.025

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

Annual Analysis for 1995 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.1	18.7	29.3	1.9	88.172	9.39	1.9	11.15	26.	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	295.	355.111	581.	232.	13834.361	117.62	232.	271.	452.5	581.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.3	9.144	13.3	7.2	4.278	2.068	7.2	7.55	10.45	13.3
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.2	8.111	8.5	7.7	0.099	0.314	7.7	7.8	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.2	8.012	8.5	7.7	0.11	0.331	7.7	7.8	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	9	0.006	0.01	0.02	0.003	0.	0.007	0.003	0.004	0.016	0.02

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

Annual Analysis for 1996 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.3	14.5	24.8	2.9	85.509	9.247	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	228.	236.125	309.	164.	2343.839	48.413	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.1	10.45	13.7	7.8	5.469	2.338	**	**	**	**
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	8	8.	7.863	8.4	7.2	0.22	0.469	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	8	8.	7.638	8.4	7.2	0.277	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	8	0.01	0.023	0.063	0.004	0.001	0.025	**	**	**	**

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

Annual Analysis for 1997 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	17.9	17.544	28.5	3.8	78.703	8.871	3.8	9.25	25.8	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	318.	302.111	402.	194.	4334.361	65.836	194.	241.	346.5	402.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.3	9.478	12.8	7.2	3.322	1.823	7.2	7.9	10.8	12.8
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.2	8.133	8.6	7.6	0.118	0.343	7.6	7.8	8.45	8.6
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	9	8.2	8.015	8.6	7.6	0.133	0.365	7.6	7.8	8.45	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	9	0.006	0.01	0.025	0.003	0.	0.008	0.003	0.004	0.016	0.025

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	41	25.5	24.505	32.1	14.7	18.135	4.259	17.7	22.25	27.9	29.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	39	333.	337.051	530.	164.	5495.208	74.13	232.	309.	383.	444.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	37	7.9	8.1	10.6	6.4	1.045	1.022	6.8	7.3	8.75	9.7
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	37	8.	8.03	8.7	7.2	0.099	0.314	7.7	7.9	8.2	8.42
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	37	8.	7.908	8.7	7.2	0.114	0.338	7.7	7.9	8.2	8.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	37	0.01	0.012	0.063	0.002	0.	0.012	0.004	0.006	0.013	0.02

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	41	5.7	6.751	19.7	1.6	15.566	3.945	2.42	4.15	8.3	12.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	39	259.	273.487	511.	119.	6472.414	80.451	153.	232.	315.	397.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	35	12.5	12.006	13.8	8.5	1.981	1.408	9.66	11.3	12.9	13.6
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	37	7.8	7.841	8.7	7.2	0.143	0.378	7.2	7.6	8.15	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	37	7.8	7.685	8.7	7.2	0.168	0.41	7.2	7.6	8.15	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	37	0.016	0.021	0.063	0.002	0.	0.018	0.005	0.007	0.025	0.063

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	29	17.9	19.334	29.4	8.8	32.224	5.677	11.8	15.35	24.9	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	26	280.	297.077	581.	178.	7245.034	85.118	191.9	251.25	338.	410.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	27	9.1	8.974	11.6	6.1	2.302	1.517	6.74	7.9	10.2	11.14
00400	PH (STANDARD UNITS)	11/19/85-10/14/97	24	7.85	7.992	8.9	7.2	0.209	0.457	7.5	7.625	8.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	11/19/85-10/14/97	24	7.847	7.802	8.9	7.2	0.246	0.496	7.5	7.625	8.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/85-10/14/97	24	0.014	0.016	0.063	0.001	0.	0.014	0.002	0.004	0.024	0.032

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

Station Inventory for Station: NACC0134

NPS Station ID: NACC0134
LAT/LON: 38.901948/ -77.070281
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC RIVER AT KEY BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-001 /001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003100.05
RF3 Mile Point: 0.27
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	91	22.5	19.162	30.3	2.	68.626	8.284	5.1	14.	25.5	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-06/23/76	26	12.5	19.977	65.	1.4	313.498	17.706	2.85	9.	34.5	48.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/16/80	13	10.5	31.608	150.	3.5	1980.832	44.507	3.66	7.9	30.5	132.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	41	24.	26.927	108.	4.	394.02	19.85	8.4	13.5	33.5	46.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	18	0.585	6.043	99.	0.23	538.285	23.201	0.239	0.28	0.76	11.061
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	10	305.	309.3	397.	200.	4888.9	69.921	203.	245.	380.	395.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	5	7.9	7.86	9.6	5.5	2.403	1.55	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	90	8.8	9.281	14.6	0.01	7.263	2.695	7.11	7.6	10.95	13.67
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	38	3.1	13.934	62.	0.5	345.004	18.574	0.79	1.4	24.75	46.29
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.56	7.505	8.88	6.25	0.666	0.816	6.35	6.95	8.29	8.768
00400	CONVERTED PH (STANDARD UNITS)	06/30/71-09/15/81	13	7.56	6.975	8.88	6.25	0.97	0.985	6.35	6.95	8.29	8.768
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/71-09/15/81	13	0.028	0.106	0.562	0.001	0.026	0.162	0.002	0.005	0.113	0.464
00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	30	0.136	9.713	25.1	0.02	114.244	10.689	0.02	0.037	21.05	23.23
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	71	0.053	0.063	0.25	0.001	0.002	0.047	0.015	0.038	0.073	0.119
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	33	0.013	0.069	1.26	0.005	0.053	0.23	0.005	0.01	0.022	0.075
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/16/81	34	0.28	0.424	1.47	0.02	0.19	0.436	0.02	0.03	0.788	1.105
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	30	0.336	23.035	410.	0.001	5455.112	73.859	0.11	0.253	21.85	23.444
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	104	0.586	3.54	26.32	0.067	57.856	7.606	0.303	0.412	0.821	21.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	71	0.83	0.815	1.63	0.001	0.191	0.437	0.234	0.46	1.15	1.358
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	83	0.27	0.421	5.46	0.04	0.428	0.654	0.14	0.2	0.43	0.68
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/77-10/09/79	7	0.13	0.147	0.31	0.08	0.006	0.079	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	72	0.08	0.115	0.82	0.008	0.014	0.118	0.02	0.043	0.158	0.257
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/16/81	24	0.369	0.398	1.07	0.053	0.095	0.307	0.061	0.078	0.571	0.876
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/16/81	20	0.097	0.163	0.423	0.017	0.021	0.143	0.02	0.032	0.305	0.405
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/16/81	20	0.079	0.094	0.27	0.004	0.007	0.084	0.004	0.019	0.157	0.243
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	79	5.9	7.728	29.1	0.5	29.328	5.416	3.2	4.6	9.4	13.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/79-08/14/79	3	2.1	2.6	4.2	1.5	2.01	1.418	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	44	23.15	22.011	30.9	7.2	35.564	5.964	12.6	19.25	25.825	29.15
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1	107.	107.	107.	107.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3071.	2918.667	3920.	1760.	528706.667	727.122	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	4205.	4205.	7000.	1410.	15624050.	3952.727	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.497	3.497	3.845	3.149	0.242	0.492	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			3141.656								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	405.	405.	790.	20.	296450.	544.472	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	2.099	2.099	2.898	1.301	1.275	1.129	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			125.698								

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

Parameter Inventory for Station: NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	8	0.017	0.022	0.054	0.003	0.	0.021	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/21/81-08/04/81	2	27.665	27.665	28.11	27.22	0.396	0.629	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	02/26/73-02/26/73	2	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	10 ##	0.052	0.1	0.366	0.02	0.012	0.112	0.02	0.02	0.159	0.347

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

EPA Water Quality Criteria Analysis for Station: NACC0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	26	1	0.04	11	0	0.00	7	0	0.00	8	1	0.13			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	13	2	0.15	9	2	0.22				4	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	90	2	0.02	33	2	0.06	26	0	0.00	31	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	13	2	0.15	8	2	0.25	2	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	33	1	0.03	26	1	0.04				7	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	34	0	0.00	26	0	0.00				8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	71	0	0.00	20	0	0.00	26	0	0.00	25	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

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

Annual Analysis for 1970 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	22	21.75	18.159	26.	2.5	55.581	7.455	4.7	11.75	24.125	25.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	21	8.3	9.271	13.9	7.2	4.777	2.186	7.3	7.5	11.1	13.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	19	0.044	0.057	0.25	0.001	0.003	0.057	0.001	0.02	0.076	0.114
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	19	0.719	0.719	1.401	0.067	0.105	0.324	0.236	0.5	0.853	1.238
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	19	0.83	0.771	1.35	0.34	0.115	0.34	0.36	0.44	1.05	1.35
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	19	0.31	0.648	5.46	0.2	1.407	1.186	0.2	0.24	0.52	1.08
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	19	0.11	0.187	0.82	0.04	0.035	0.187	0.05	0.08	0.27	0.44
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	10	5.9	6.46	13.	2.5	11.22	3.35	2.61	4.125	8.175	12.84

** - 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 1971 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	12	17.	17.	28.	3.5	88.318	9.398	3.5	9.	27.75	28.
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	12	9.35	9.008	14.6	0.5	16.292	4.036	1.67	6.675	11.575	14.57
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	12	0.058	0.06	0.127	0.001	0.001	0.035	0.01	0.039	0.071	0.125
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	12	0.682	0.619	1.036	0.133	0.077	0.278	0.15	0.386	0.829	0.991
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	12	0.475	0.606	1.36	0.01	0.263	0.513	0.013	0.2	1.123	1.36
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	12	0.215	0.457	2.83	0.1	0.586	0.766	0.103	0.125	0.348	2.191
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	12	0.07	0.105	0.27	0.04	0.006	0.079	0.04	0.053	0.14	0.264
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	10	6.55	6.22	11.2	1.9	11.031	3.321	2.	3.05	8.95	11.17

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

Annual Analysis for 1972 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	14.	15.091	24.5	3.	73.091	8.549	3.2	7.	23.5	24.4
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	10.8	10.855	14.5	7.2	6.621	2.573	7.48	8.8	13.4	14.42
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	11	0.055	0.082	0.25	0.015	0.004	0.066	0.019	0.045	0.11	0.226
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	0.54	0.538	0.674	0.37	0.01	0.102	0.374	0.45	0.627	0.669
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	11	1.19	1.081	1.49	0.37	0.132	0.363	0.376	1.06	1.3	1.462
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	11	0.27	0.299	0.65	0.15	0.023	0.152	0.152	0.18	0.32	0.622
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	11	0.11	0.122	0.24	0.06	0.003	0.057	0.06	0.08	0.16	0.228
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	11	5.8	6.618	12.6	3.6	9.284	3.047	3.62	4.	7.5	12.44

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

Annual Analysis for 1973 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	14	19.	17.464	27.	5.	65.249	8.078	5.25	8.25	25.	26.75
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	14	9.	9.436	13.4	6.4	4.886	2.21	6.65	7.575	11.525	13.25
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	14	0.053	0.049	0.075	0.001	0.001	0.023	0.001	0.044	0.066	0.073
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	14	0.629	0.585	0.962	0.283	0.056	0.237	0.288	0.366	0.756	0.937
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	14	0.775	0.911	1.63	0.46	0.15	0.388	0.475	0.578	1.148	1.625
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	14	0.265	0.354	0.95	0.13	0.054	0.231	0.13	0.22	0.52	0.8
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	14	0.065	0.087	0.18	0.01	0.003	0.057	0.015	0.04	0.153	0.17
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	14	6.1	6.636	10.5	3.7	4.29	2.071	4.15	4.9	8.425	10.

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

Annual Analysis for 1974 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	8	24.	20.5	29.	2.5	94.714	9.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	9	8.1	9.611	14.5	7.	8.439	2.905	7.	7.5	12.75	14.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	9	0.065	0.077	0.175	0.022	0.002	0.05	0.022	0.038	0.113	0.175
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	9	0.562	0.588	0.912	0.421	0.024	0.154	0.421	0.492	0.671	0.912
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	9	0.58	0.539	1.09	0.001	0.186	0.431	0.001	0.05	0.975	1.09
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	9	0.25	0.268	0.4	0.17	0.008	0.092	0.17	0.19	0.375	0.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	9	0.02	0.032	0.09	0.008	0.001	0.034	0.008	0.01	0.06	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	9	5.9	6.922	12.1	4.6	6.709	2.59	4.6	4.95	8.85	12.1

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

Annual Analysis for 1975 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	4	27.75	27.375	29.	25.	2.896	1.702	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	8.3	8.15	8.6	7.4	0.277	0.526	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	4	0.053	0.066	0.114	0.044	0.001	0.032	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	4	0.509	0.535	0.712	0.41	0.018	0.133	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	4	1.025	0.932	1.43	0.25	0.277	0.527	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	4	0.32	0.318	0.46	0.17	0.022	0.149	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	4	0.1	0.098	0.16	0.03	0.005	0.072	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	4	5.4	5.425	8.4	2.5	5.829	2.414	**	**	**	**

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

Annual Analysis for 1976 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	2	15.	15.	28.	2.	338.	18.385	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	2	11.1	11.1	14.1	8.1	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.087	0.087	0.087	0.087	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	2	0.44	0.44	0.571	0.309	0.034	0.185	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	2	1.355	1.355	1.47	1.24	0.026	0.163	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	2	0.255	0.255	0.47	0.04	0.092	0.304	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	2	0.095	0.095	0.17	0.02	0.011	0.106	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	2	5.15	5.15	5.9	4.4	1.125	1.061	**	**	**	**

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

Annual Analysis for 1977 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	30.1	30.1	30.1	30.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	11	23.6	21.891	30.	14.	26.859	5.183	14.54	17.	26.5	29.48
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	11	8.8	8.128	10.9	0.01	8.578	2.929	1.468	7.6	9.9	10.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	10	0.346	0.366	0.516	0.255	0.008	0.089	0.256	0.284	0.452	0.512
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	11	0.3	0.406	0.9	0.14	0.059	0.243	0.16	0.25	0.54	0.878
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	7	4.5	3.957	7.4	0.5	4.636	2.153	**	**	**	**

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

Annual Analysis for 1980 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	1	30.3	30.3	30.3	30.3	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	22.03	18.836	26.32	0.344	87.59	9.359	0.347	20.26	25.18	26.132
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	11	20.2	16.973	29.1	3.6	68.708	8.289	3.82	12.	22.3	28.44

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

Annual Analysis for 1981 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	5	25.6	25.	29.1	18.3	16.14	4.017	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	4	8.6	8.75	10.7	7.1	2.517	1.586	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	11	0.613	10.281	23.68	0.296	128.819	11.35	0.302	0.418	21.8	23.49

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

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	36	25.55	25.489	30.3	14.	11.507	3.392	22.2	24.	27.875	29.37
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	14	22.5	21.643	36.	11.	59.324	7.702	11.5	14.75	25.25	35.5
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	33	7.7	7.491	10.9	0.01	4.918	2.218	5.2	7.2	8.5	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	26	4.1	18.208	62.	0.5	425.533	20.628	1.08	2.05	45.225	48.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	21	0.053	0.066	0.25	0.001	0.003	0.057	0.001	0.027	0.091	0.129
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	25	12.89	26.782	410.	0.001	6490.027	80.561	0.13	0.259	22.065	24.116
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	46	0.681	6.837	26.32	0.255	103.152	10.156	0.343	0.416	20.688	23.603
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	20	0.52	0.599	1.49	0.001	0.242	0.492	0.011	0.108	1.055	1.412
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	28	0.29	0.444	2.83	0.17	0.258	0.508	0.18	0.25	0.453	0.819
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	21	0.08	0.133	0.82	0.008	0.034	0.185	0.01	0.025	0.16	0.384
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	34	7.1	9.979	29.1	2.5	50.809	7.128	3.4	4.775	12.225	22.
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	17	25.5	25.229	30.9	19.7	11.885	3.447	20.02	21.5	27.3	29.94

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	25	8.	8.22	16.5	2.	22.564	4.75	2.5	3.5	12.75	15.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	12	31.	39.083	108.	4.	988.265	31.437	5.2	12.25	66.	97.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	26	12.45	12.254	14.6	8.6	3.623	1.903	9.04	11.025	13.95	14.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	25	0.055	0.074	0.25	0.015	0.003	0.051	0.038	0.045	0.083	0.151
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	26	0.509	0.497	1.238	0.067	0.06	0.245	0.205	0.325	0.633	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	26	1.12	1.06	1.63	0.46	0.113	0.337	0.525	0.805	1.35	1.438
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	26	0.225	0.46	5.46	0.04	1.065	1.032	0.114	0.148	0.308	0.668
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	26	0.09	0.115	0.3	0.02	0.007	0.086	0.034	0.058	0.158	0.273
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	24	5.45	5.517	13.	1.9	7.103	2.665	2.7	3.6	6.325	9.75
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	16	22.4	21.538	30.1	15.4	25.307	5.031	15.75	16.2	24.55	29.33

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

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-09/15/81	30	21.25	20.687	28.	7.5	25.107	5.011	15.	18.825	24.	27.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/07/70-07/06/77	15	24.	22.133	39.	6.	114.981	10.723	6.	12.	28.	37.2
00300	OXYGEN, DISSOLVED MG/L	04/07/70-08/19/81	31	8.5	8.694	12.2	6.6	1.742	1.32	7.22	7.7	9.5	9.98
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/16/81	12	1.65	4.675	24.6	0.5	56.657	7.527	0.56	1.05	2.875	21.96
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/07/70-07/06/77	25	0.045	0.049	0.114	0.001	0.001	0.03	0.009	0.027	0.065	0.098
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/72-09/16/81	5	0.263	4.302	20.6	0.1	83.013	9.111	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/07/70-09/16/81	32	0.586	1.271	21.16	0.189	13.233	3.638	0.328	0.473	0.757	1.079
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/70-12/02/76	25	0.68	0.733	1.47	0.19	0.137	0.37	0.242	0.43	1.065	1.158
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/07/70-10/09/79	29	0.3	0.364	0.95	0.11	0.048	0.219	0.14	0.2	0.455	0.7
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/07/70-07/06/77	25	0.08	0.099	0.27	0.01	0.005	0.068	0.016	0.055	0.145	0.208
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/20/70-09/24/80	21	6.4	6.61	11.2	0.5	6.578	2.565	4.32	4.9	7.85	10.82
00690	CARBON, TOTAL (MG/L AS C)	05/20/70-07/31/79	11	21.6	17.727	25.6	7.2	57.796	7.602	7.26	9.3	24.5	25.5

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

Station Inventory for Station: NACC0135

NPS Station ID: NACC0135
LAT/LON: 38.901948/ -77.070281
Agency: 11121WWQ
Date Created: / /
Location: POTOMAC RIVER AT KEY BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-TRANS-001 /001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER BASIN
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.22
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0135

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: NACC0136

NPS Station ID: NACC0136
LAT/LON: 38.902226/ -77.069726
Agency: 21DCBAWQ
Date Created: 10/28/86
Location: EAST SIDE OF KEY BRIDGE D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): PMS10
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0097.25
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010003201.47
RF3 Mile Point: 1.85
Distance from RF3: 0.06
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: EAST SIDE OF KEY BRIDGE D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	1347	21.6	20.27	32.2	0.1	48.712	6.979	10.2	15.5	25.9	28.4
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	42	15.	49.095	100.	0.	2282.674	47.777	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	232	1.	1.041	3.4	0.	0.388	0.623	0.3	0.6	1.4	1.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	1290	318.	321.982	2335.	98.	9269.243	96.277	219.1	262.	368.	411.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	1336	8.3	8.448	18.5	0.	4.365	2.089	6.47	7.3	9.4	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	142	1.1	1.237	4.1	0.	0.65	0.806	0.5	0.5	1.7	2.37
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	1297	7.9	7.928	9.1	5.7	0.18	0.424	7.4	7.6	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	1297	7.9	7.621	9.1	5.7	0.274	0.524	7.4	7.6	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	1297	0.013	0.024	1.995	0.001	0.008	0.091	0.003	0.006	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	250	80.	79.04	126.	14.	416.344	20.405	50.	64.	94.	105.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	175	6.	16.006	496.	0.	1921.961	43.84	0.09	2.	14.	35.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	207	0.02	0.045	0.3	0.	0.002	0.041	0.02	0.02	0.061	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	184	0.01	0.012	0.047	0.005	0.	0.009	0.005	0.005	0.017	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	163	1.28	1.231	2.19	0.07	0.181	0.426	0.66	0.98	1.52	1.77
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	112	0.465	0.54	2.46	0.1	0.122	0.35	0.236	0.346	0.654	0.846
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/21/95	2	2.26	2.26	2.33	2.19	0.01	0.099	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	23	1.2	1.383	4.1	0.3	0.867	0.931	0.44	0.7	1.7	2.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	108	0.077	0.098	0.96	0.018	0.013	0.115	0.036	0.05	0.094	0.158
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	107	0.049	0.055	0.254	0.005	0.001	0.036	0.018	0.031	0.07	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	181	0.027	0.03	0.12	0.	0.001	0.023	0.004	0.013	0.045	0.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	93	3.7	3.979	11.5	0.	3.545	1.883	2.	2.75	4.95	5.86
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	109	3.4	3.414	6.6	0.	1.891	1.375	1.7	2.4	4.3	5.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	249	130.	132.165	245.	1.	1282.662	35.814	92.	112.	158.	178.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	50.	48.	68.	26.	444.	21.071	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	130	2.5	2.467	9.5	0.05	2.86	1.691	0.4	1.2	3.225	3.9
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/14/86-10/01/91	16 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	30 ##	2.5	2.45	2.5	1.	0.075	0.274	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	30 ##	5.	5.517	18.	2.5	6.629	2.575	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	30 ##	12.5	10.033	12.5	5.	11.671	3.416	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	30	312.	591.95	2534.5	66.	361330.075	601.107	145.	184.75	835.25	1713.8
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	30 ##	25.	22.783	106.	2.5	329.995	18.166	2.5	21.25	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	29	32.	71.69	564.	5.	12307.436	110.939	10.	12.5	91.	203.

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Parameter Inventory for Station: NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	22 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
04378	WAVE STATE CODE	02/12/96-12/08/97	223	1000.	1049.327	3000.	1000.	56114.41	236.885	1000.	1000.	1000.	1000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	93	800.	4188.871	120000.	0.	190597629.94	13805.71	80.	230.	2228.	7960.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	93	2.903	2.869	5.079	0.	0.663	0.814	1.903	2.362	3.348	3.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			740.374								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	101	220.	1790.168	120000.	0.	142926125.021	11955.171	10.	22.	566.	1652.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	101	2.342	2.171	5.079	0.	0.711	0.843	1.	1.342	2.75	3.218
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			148.369								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	21	640.	1220.	6900.	0.	3274680.	1809.608	4.	120.	1390.	4920.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	21	2.806	2.472	3.839	0.	1.122	1.059	0.26	2.054	3.141	3.667
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			296.442								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	22	3500.	8187.727	26400.	0.	70116437.446	8373.556	139.	1475.	13650.	22640.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	22	3.54	3.446	4.422	0.	1.026	1.013	2.035	3.169	4.135	4.355
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			2789.427								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	30	3.5	6.917	25.	0.	65.415	8.088	0.5	1.	10.	24.
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	31	2.	11.403	49.	0.	261.374	16.167	0.5	1.	15.	39.
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	30 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	249	10.	23.594	360.	3.	1850.605	43.019	4.	6.	19.	60.

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

EPA Water Quality Criteria Analysis for Station: NACC0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1336	31	0.02	607	9	0.01	253	13	0.05	476	9	0.02			
00400	PH	Fresh Chronic	9.	1297	2	0.00	591	0	0.00	247	2	0.01	459	0	0.00			
		Other-Lo Lim.	6.5	1297	10	0.01	591	1	0.00	247	1	0.00	459	8	0.02			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	184	0	0.00	61	0	0.00	67	0	0.00	56	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	163	0	0.00	55	0	0.00	60	0	0.00	48	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	6	0	0.00	9	0	0.00	8	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	50.	16	0	0.00	7	0	0.00	6	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	5.	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	1300.	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	30	1	0.03	11	1	0.09	12	0	0.00	7	0	0.00			
		Drinking Water	15.	8 &	1	0.13	2	1	0.50	5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	29	4	0.14	10	2	0.20	12	0	0.00	7	2	0.29			
		Drinking Water	5000.	29	0	0.00	10	0	0.00	12	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	22	0	0.00	8	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	22	0	0.00	8	0	0.00	10	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	92 &	36	0.39	29	14	0.48	41	16	0.39	22	6	0.27			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	100 &	52	0.52	33	20	0.61	42	21	0.50	25	11	0.44			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	15	0.71	6	5	0.83	10	7	0.70	5	3	0.60			
71900	MERCURY, TOTAL	Fresh Acute	2.4	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
		Drinking Water	2.	30	0	0.00	11	0	0.00	12	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	249	29	0.12	85	7	0.08	89	12	0.13	75	10	0.13			

& - 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 1983 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	11	18.7	16.591	18.9	6.7	22.741	4.769	6.8	18.6	18.8	18.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	3	1.	0.9	1.4	0.3	0.31	0.557	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	3	245.	246.667	345.	150.	9508.333	97.511	**	**	**	**
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	11	8.6	9.236	12.3	8.4	2.089	1.445	8.42	8.5	8.7	12.24
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	3	7.1	7.133	7.3	7.	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	3	7.1	7.116	7.3	7.	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	3	0.079	0.077	0.1	0.05	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	3	90.	81.333	106.	48.	897.333	29.956	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	3	4.	14.	36.	2.	364.	19.079	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	3	0.042	0.046	0.069	0.026	0.	0.022	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	3	1.31	1.26	1.63	0.84	0.158	0.397	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	3	0.331	0.316	0.382	0.236	0.005	0.074	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	3	0.103	0.099	0.109	0.084	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	3	0.066	0.067	0.089	0.046	0.	0.022	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	3	0.052	0.053	0.071	0.035	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	3.5	4.433	7.	2.8	5.063	2.25	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.3	3.533	4.6	1.7	2.543	1.595	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	3	3.6	3.067	3.8	1.8	1.213	1.102	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	3	3100.	5800.	13000.	1300.	39690000.	6300.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	3	3.491	3.573	4.114	3.114	0.255	0.505	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3741.819								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	3	700.	606.667	790.	330.	59433.333	243.79	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	3	2.845	2.754	2.898	2.519	0.042	0.205	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			567.213								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	3	12.	22.333	48.	7.	500.333	22.368	**	**	**	**

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Annual Analysis for 1984 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	31	23.6	22.306	29.3	3.4	59.009	7.682	9.88	14.2	27.8	29.28
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	5	0.5	0.56	1.	0.2	0.113	0.336	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	12	215.	219.5	342.	119.	3574.818	59.79	127.7	185.75	256.5	325.5
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	31	8.4	8.216	13.8	5.5	3.773	1.943	5.84	7.	9.9	10.42
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	8	1.25	1.5	3.2	0.5	0.846	0.92	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	16	7.4	7.481	7.8	6.6	0.118	0.343	7.02	7.3	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	16	7.4	7.324	7.8	6.6	0.144	0.379	7.02	7.3	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	16	0.04	0.047	0.251	0.016	0.003	0.057	0.016	0.016	0.05	0.12
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	7	70.	69.143	90.	46.	286.476	16.926	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	8	19.5	27.75	67.	5.	597.071	24.435	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	9	0.045	0.058	0.109	0.02	0.001	0.035	0.02	0.026	0.098	0.109
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	9	0.012	0.014	0.04	0.005	0.	0.012	0.005	0.005	0.021	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	9	1.52	1.553	2.19	0.78	0.221	0.47	0.78	1.2	2.02	2.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	9	0.414	0.457	0.856	0.211	0.043	0.208	0.211	0.296	0.621	0.856
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	9	0.083	0.105	0.249	0.047	0.004	0.063	0.047	0.063	0.133	0.249
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	9	0.031	0.048	0.13	0.006	0.002	0.041	0.006	0.02	0.077	0.13
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	9	0.022	0.033	0.1	0.004	0.001	0.035	0.004	0.004	0.06	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	2.6	3.68	6.2	1.8	4.407	2.099	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	3.1	2.52	4.2	1.	1.987	1.41	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	8	93.	97.75	134.	70.	531.929	23.064	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	10	3.15	2.37	3.4	1.	1.251	1.119	1.	1.075	3.225	3.39
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	12450.	28073.75	120000.	490.	1547695226.786	39340.758	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	4.064	4.047	5.079	2.69	0.533	0.73	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11143.511								

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Annual Analysis for 1984 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	490.	14206.111	120000.	10.	1576275398.611	39702.335	10.	112.5	3100.	120000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	2.69	2.71	5.079	1.	1.493	1.222	1.	1.806	3.402	5.079
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			513.272								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	7	32.	47.857	120.	9.	1911.476	43.72	**	**	**	**

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Annual Analysis for 1985 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	19	18.	15.168	18.6	5.1	17.279	4.157	11.5	11.5	18.6	18.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	4	0.85	0.8	1.2	0.3	0.153	0.392	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	19	311.	348.421	476.	235.	10384.924	101.906	258.	259.	475.	476.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	19	9.	9.758	12.5	8.2	2.207	1.486	8.3	8.3	11.3	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	16	7.9	7.981	8.3	7.7	0.044	0.21	7.77	7.8	8.2	8.23
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	16	7.889	7.936	8.3	7.7	0.046	0.216	7.77	7.8	8.2	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	16	0.013	0.012	0.02	0.005	0.	0.005	0.006	0.006	0.016	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	4	83.	86.5	120.	60.	857.	29.275	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	4	5.	17.75	58.	3.	721.583	26.862	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	4	0.05	0.084	0.217	0.02	0.008	0.09	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	0.011	0.01	0.012	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.275	1.28	1.73	0.84	0.179	0.423	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	4	0.55	0.55	0.652	0.449	0.007	0.083	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	4	0.097	0.115	0.202	0.064	0.004	0.061	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	4	0.076	0.069	0.085	0.039	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	4	0.059	0.053	0.072	0.021	0.001	0.022	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	2.6	3.067	5.3	1.3	4.163	2.04	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	2.5	2.467	4.4	0.5	3.803	1.95	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	4	136.	138.5	178.	104.	1243.667	35.266	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	7	2.6	2.471	3.5	1.4	0.912	0.955	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	895.	1971.667	4900.	110.	5330856.667	2308.865	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	2.902	2.89	3.69	2.041	0.539	0.734	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			776.208								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	220.	334.286	1300.	20.	208928.571	457.087	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	2.342	2.127	3.114	1.301	0.48	0.693	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			133.946								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	4	12.5	29.25	84.	8.	1338.25	36.582	**	**	**	**

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Annual Analysis for 1986 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	81	24.1	22.3	29.7	1.6	45.257	6.727	14.36	17.9	28.15	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	19	0.9	1.074	2.4	0.1	0.281	0.53	0.6	0.7	1.5	1.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	81	383.	387.914	546.	216.	8885.655	94.264	273.	299.	471.	526.4
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	80	6.9	7.181	13.5	0.	4.553	2.134	5.13	6.225	8.575	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	11	1.2	1.5	3.3	0.5	0.972	0.986	0.5	0.5	2.3	3.22
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	81	7.9	7.983	8.9	7.1	0.221	0.47	7.4	7.75	8.3	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	81	7.9	7.783	8.9	7.1	0.262	0.511	7.4	7.75	8.3	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	81	0.013	0.016	0.079	0.001	0.	0.015	0.002	0.005	0.018	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	80.	78.8	110.	50.	223.747	14.958	60.	64.	87.5	102.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	15	8.	7.067	14.	2.	10.352	3.218	2.	4.	9.	11.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	18 ##	0.02	0.031	0.086	0.	0.001	0.025	0.018	0.02	0.03	0.082

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Annual Analysis for 1986 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.018	0.02	0.041	0.005	0.	0.009	0.005	0.014	0.027	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.68	0.785	1.95	0.07	0.294	0.542	0.1	0.24	1.1	1.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	19	0.501	0.564	1.16	0.1	0.07	0.264	0.295	0.353	0.741	1.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	18	0.05	0.052	0.082	0.025	0.	0.018	0.028	0.036	0.068	0.078
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	18	0.028	0.029	0.06	0.005	0.	0.016	0.005	0.016	0.042	0.056
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18	0.013	0.013	0.03	0.004	0.	0.01	0.004	0.004	0.021	0.029
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.55	3.575	5.6	1.9	1.782	1.335	1.93	2.2	4.875	5.42
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	2.95	3.067	5.2	2.	0.808	0.899	2.09	2.325	3.475	4.84
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	133.	135.3	190.	92.	788.747	28.085	94.2	116.5	155.5	184.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	12	1.95	1.688	2.8	0.05	0.908	0.953	0.155	0.75	2.475	2.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	11	330.	3790.909	35000.	20.	107982169.091	10391.447	32.	230.	790.	28660.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	11	2.519	2.683	4.544	1.301	0.713	0.845	1.421	2.362	2.898	4.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			481.721								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	70.	282.727	2300.	10.	452601.818	672.757	10.	10.	170.	1886.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	1.845	1.838	3.362	1.	0.498	0.705	1.	1.	2.23	3.162
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			68.807								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	10.	19.5	198.	4.	1777.842	42.164	5.1	8.	12.	18.6

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

Annual Analysis for 1987 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	109	16.3	18.926	29.2	2.5	59.89	7.739	8.	12.8	26.6	28.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.9	0.956	2.2	0.1	0.328	0.573	0.19	0.5	1.325	1.93
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	109	262.	294.321	461.	144.	5801.183	76.165	215.	243.	369.	427.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	106	7.4	6.805	12.2	0.3	8.127	2.851	1.9	5.675	9.1	9.53
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.	1.267	3.	0.5	0.69	0.831	0.5	0.5	1.75	3.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	101	7.7	7.712	8.8	6.7	0.214	0.463	7.2	7.4	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	101	7.7	7.505	8.8	6.7	0.257	0.507	7.2	7.4	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	101	0.02	0.031	0.2	0.002	0.001	0.032	0.005	0.01	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	79.	77.2	100.	40.	321.432	17.929	46.4	67.	90.	100.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	8	9.5	85.5	496.	2.	30056.571	173.368	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20 ##	0.02	0.037	0.212	0.02	0.002	0.046	0.02	0.02	0.02	0.096
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20 ##	0.009	0.013	0.047	0.005	0.	0.011	0.005	0.005	0.017	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.325	1.294	1.99	0.27	0.194	0.44	0.572	1.053	1.685	1.869
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	6 ##	0.1	0.606	2.46	0.1	0.898	0.948	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	6	0.053	0.141	0.526	0.022	0.038	0.196	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	5	0.04	0.044	0.07	0.019	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	20	0.025	0.026	0.079	0.004	0.001	0.023	0.004	0.004	0.033	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	2.2	4.14	11.5	1.2	17.818	4.221	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.3	3.275	6.4	1.	2.12	1.456	1.27	2.1	4.175	5.89
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	113.	114.5	174.	24.	1107.316	33.276	74.	96.5	130.	157.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	9.5	19.4	144.	4.	1025.411	32.022	4.1	6.25	14.25	57.4

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Annual Analysis for 1988 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	80	24.2	21.396	31.3	0.1	63.682	7.98	9.9	14.1	26.8	30.29
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	16	1.1	1.056	2.7	0.1	0.461	0.679	0.17	0.425	1.375	2.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	80	384.5	356.688	532.	166.	7068.268	84.073	254.	299.75	407.	474.9
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	74	7.5	7.568	13.3	1.4	4.175	2.043	5.45	5.875	9.5	9.95
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	8	1.2	1.238	2.3	0.5	0.354	0.595	**	**	**	**

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Annual Analysis for 1988 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	71	8.	7.893	8.8	6.4	0.153	0.391	7.4	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	71	8.	7.661	8.8	6.4	0.208	0.456	7.4	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	71	0.01	0.022	0.398	0.002	0.002	0.047	0.005	0.008	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	80.	78.684	106.	36.	450.228	21.219	42.	64.	94.	106.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	4 ##	2.	3.5	8.	2.	9.	3.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20 ##	0.02	0.037	0.123	0.02	0.001	0.027	0.02	0.02	0.052	0.066
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	0.013	0.012	0.025	0.005	0.	0.006	0.005	0.005	0.016	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	0.96	1.054	1.89	0.43	0.161	0.401	0.495	0.808	1.315	1.845
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	2 ##	0.195	0.195	0.29	0.1	0.018	0.134	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	16	0.021	0.02	0.037	0.004	0.	0.012	0.004	0.009	0.032	0.036
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.2	4.067	4.5	3.5	0.263	0.513	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.8	4.033	5.7	2.8	0.721	0.849	2.95	3.5	4.775	5.55
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	126.	114.684	192.	1.	2522.006	50.22	10.	92.	148.	174.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	8.	37.789	234.	3.	3853.842	62.079	4.	6.	48.	142.

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Annual Analysis for 1989 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	96	23.9	19.396	27.2	1.	54.572	7.387	10.7	12.95	25.9	26.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	19	0.7	0.905	2.9	0.2	0.505	0.711	0.3	0.3	1.2	1.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	81	271.	299.543	2335.	195.	54223.776	232.86	218.	235.	317.	333.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	96	8.6	9.104	14.1	7.	2.348	1.532	7.47	8.	10.375	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12 ##	0.75	0.833	1.2	0.5	0.124	0.352	0.5	0.5	1.2	1.2
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	96	7.8	7.868	9.1	6.9	0.122	0.35	7.5	7.7	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	96	7.8	7.735	9.1	6.9	0.14	0.375	7.5	7.7	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	96	0.016	0.018	0.126	0.001	0.	0.018	0.005	0.01	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	73.	73.	104.	46.	242.316	15.566	48.2	63.5	84.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	19	13.	18.895	48.	2.	250.655	15.832	2.	6.	32.	47.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20	0.041	0.052	0.239	0.02	0.003	0.05	0.02	0.02	0.069	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20 ##	0.005	0.009	0.022	0.005	0.	0.006	0.005	0.005	0.013	0.019
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.29	1.318	1.77	1.07	0.034	0.185	1.104	1.193	1.398	1.738
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	14	0.546	0.606	1.3	0.297	0.073	0.271	0.324	0.425	0.737	1.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	11	0.092	0.082	0.117	0.045	0.001	0.026	0.046	0.06	0.104	0.117
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	11	0.067	0.065	0.106	0.005	0.001	0.034	0.01	0.03	0.095	0.105
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	19	0.023	0.034	0.077	0.004	0.	0.022	0.007	0.016	0.053	0.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.3	3.5	5.9	1.8	1.713	1.309	1.92	2.4	4.175	5.81
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.35	3.333	5.7	2.	1.086	1.042	2.06	2.325	3.95	5.22
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	116.	112.9	138.	74.	353.042	18.789	86.	95.	129.5	134.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	5	2.7	2.	3.4	0.4	2.065	1.437	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	5	1410.	1189.	2300.	45.	835405.	914.005	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	5	3.149	2.817	3.362	1.653	0.487	0.698	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			656.086								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	230.	447.6	1700.	18.	503698.8	709.717	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	2.362	2.116	3.23	1.255	0.702	0.838	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.608								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	13.5	23.75	84.	4.	579.776	24.079	4.1	6.5	37.75	79.5

** - 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 1990 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	132	17.9	18.293	27.9	0.6	47.849	6.917	8.67	13.7	25.4	26.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	19	0.7	0.789	1.8	0.1	0.2	0.447	0.3	0.4	1.1	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	118	271.	271.254	410.	175.	3824.653	61.844	180.	247.	295.5	369.1
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	132	8.95	9.416	13.6	6.2	2.716	1.648	7.5	8.025	10.5	11.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.6	1.367	2.3	0.5	0.47	0.685	0.5	0.5	1.9	2.21
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	132	7.7	7.853	8.8	6.8	0.206	0.454	7.4	7.6	8.1	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	132	7.7	7.673	8.8	6.8	0.238	0.488	7.4	7.6	8.1	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	132	0.02	0.021	0.158	0.002	0.	0.019	0.003	0.008	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	70.	70.105	98.	52.	139.766	11.822	56.	60.	76.	86.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	19	17.	20.474	47.	2.	138.708	11.777	11.	12.	25.	42.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.049	0.06	0.151	0.02	0.002	0.044	0.02	0.02	0.101	0.128
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	0.01	0.011	0.027	0.005	0.	0.007	0.005	0.005	0.016	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.32	1.359	1.83	0.72	0.113	0.336	0.83	1.23	1.65	1.82
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	19	0.495	0.623	1.94	0.255	0.151	0.389	0.314	0.402	0.718	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	19	0.081	0.114	0.4	0.018	0.009	0.096	0.046	0.053	0.142	0.304
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	19	0.056	0.072	0.254	0.005	0.004	0.062	0.019	0.032	0.095	0.171
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	18	0.036	0.039	0.087	0.004	0.001	0.027	0.004	0.013	0.066	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.35	4.85	10.4	2.7	4.168	2.042	2.91	3.6	5.1	9.32
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.	4.258	6.6	2.9	1.457	1.207	2.99	3.375	4.575	6.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	112.	113.9	158.	88.	324.411	18.011	90.8	101.	121.5	151.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	11	3.	2.655	3.4	0.3	0.987	0.993	0.48	2.5	3.3	3.38
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	1	4.23	4.23	4.23	4.23	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	7900.	7900.	7900.	7900.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	3.898	3.898	3.898	3.898	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7900.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	18.5	40.9	324.	9.	4774.937	69.101	10.1	13.25	37.25	70.8

** - 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 NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	124	25.55	22.01	30.5	3.7	50.201	7.085	10.75	16.2	27.975	29.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	23	1.3	1.074	2.	0.	0.401	0.633	0.	0.9	1.4	1.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	124	354.	329.113	512.	183.	5033.077	70.944	225.	258.	385.75	396.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	124	8.	8.377	14.2	3.9	4.206	2.051	6.55	6.9	9.2	11.95
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.35	1.48	4.1	0.5	1.162	1.078	0.5	0.5	1.875	3.9
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	124	8.	7.844	8.5	6.3	0.134	0.366	7.3	7.6	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	124	8.	7.64	8.5	6.3	0.176	0.419	7.3	7.6	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	124	0.01	0.023	0.501	0.003	0.002	0.046	0.006	0.008	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	98.	93.158	124.	54.	544.585	23.336	56.	78.	114.	124.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	18	5.5	8.778	51.	2.	134.418	11.594	2.	2.	10.5	19.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	19	0.053	0.047	0.08	0.02	0.001	0.023	0.02	0.02	0.07	0.079
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	18 ##	0.008	0.009	0.025	0.005	0.	0.006	0.005	0.005	0.013	0.018
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19	1.16	1.14	1.94	0.51	0.172	0.415	0.59	0.78	1.42	1.94
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	19	0.52	0.537	1.81	0.13	0.122	0.35	0.248	0.342	0.619	0.715
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	19	0.077	0.089	0.475	0.034	0.009	0.096	0.036	0.05	0.086	0.108
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	19	0.054	0.056	0.095	0.029	0.	0.02	0.031	0.038	0.076	0.086
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	19	0.03	0.038	0.085	0.014	0.	0.022	0.015	0.016	0.052	0.066
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.65	4.892	8.5	3.3	1.874	1.369	3.42	3.975	5.425	7.69
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.6	4.667	5.9	3.4	0.642	0.802	3.49	3.975	5.425	5.81
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	144.	142.	210.	88.	995.556	31.552	92.	116.	164.	178.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	12	2.5	2.333	3.9	0.1	1.526	1.235	0.28	1.15	3.325	3.9
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	8.	28.211	360.	6.	6473.731	80.459	6.	7.	14.	21.

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

Annual Analysis for 1992 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	97	22.3	20.541	29.6	2.6	40.27	6.346	8.48	15.6	25.4	26.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	17	1.4	1.247	2.7	0.3	0.458	0.676	0.3	0.6	1.5	2.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	97	313.	299.742	358.	192.	2115.235	45.992	215.	289.	330.	344.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	97	8.5	9.311	18.5	6.6	6.189	2.488	7.5	7.9	10.15	11.96
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.4	1.167	2.1	0.	0.53	0.728	0.15	0.5	1.825	2.1
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	97	7.9	7.888	8.7	6.8	0.093	0.304	7.6	7.7	8.05	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	97	7.9	7.773	8.7	6.8	0.106	0.325	7.6	7.7	8.05	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	97	0.013	0.017	0.158	0.002	0.	0.017	0.005	0.009	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	81.	83.9	118.	46.	406.516	20.162	51.	74.5	103.5	109.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	20 ##	0.02	0.039	0.102	0.02	0.001	0.028	0.02	0.02	0.054	0.094
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	19 ##	0.005	0.009	0.026	0.005	0.	0.007	0.005	0.005	0.01	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	20	1.43	1.416	1.82	1.02	0.052	0.228	1.065	1.283	1.58	1.74
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	17	0.427	0.465	0.871	0.21	0.048	0.22	0.215	0.269	0.684	0.833
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	18	0.082	0.13	0.96	0.026	0.044	0.209	0.039	0.07	0.092	0.242
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	18	0.058	0.058	0.097	0.013	0.	0.021	0.033	0.041	0.071	0.085
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	20	0.04	0.04	0.068	0.	0.	0.016	0.015	0.029	0.051	0.058
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.5	3.655	5.6	0.	2.369	1.539	0.6	3.	4.8	5.54
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.3	3.136	5.2	0.	2.543	1.595	0.36	1.8	4.5	5.16
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	131.	134.55	245.	82.	1286.892	35.873	93.	107.	158.	164.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	19	2.6	2.384	4.2	0.1	1.199	1.095	0.3	2.	3.1	4.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	230.	262.5	500.	80.	13821.429	117.565	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	2.362	2.375	2.699	1.903	0.05	0.223	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			237.357								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	230.	175.	300.	20.	9971.429	99.857	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	2.362	2.129	2.477	1.301	0.161	0.401	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			134.557								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	10.	25.3	84.	6.	699.379	26.446	7.1	9.25	41.25	82.2

** - 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 NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	129	21.8	20.574	32.2	2.4	46.339	6.807	11.	16.1	26.25	28.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	17	1.1	1.271	3.4	0.1	0.927	0.963	0.18	0.55	1.9	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	129	347.	341.45	417.	188.	3916.093	62.579	236.	317.	400.	410.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	128	8.55	8.531	12.7	1.8	3.492	1.869	6.39	7.325	9.5	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	11	1.6	1.564	3.4	0.5	1.189	1.09	0.5	0.5	2.3	3.38
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	122	8.25	8.025	8.8	5.7	0.401	0.633	7.5	7.8	8.4	8.57
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	122	8.247	7.125	8.8	5.7	1.219	1.104	7.5	7.8	8.4	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	122	0.006	0.075	1.995	0.002	0.078	0.279	0.003	0.004	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	86.	80.2	110.	14.	711.642	26.677	37.	60.75	103.5	106.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	11	0.06	0.076	0.3	0.02	0.007	0.082	0.02	0.02	0.1	0.26
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	17	0.05	0.069	0.3	0.02	0.005	0.073	0.02	0.02	0.085	0.204
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	12 ##	0.01	0.015	0.04	0.005	0.	0.012	0.005	0.005	0.02	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.59	1.56	1.74	1.32	0.039	0.197	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.02	0.028	0.12	0.005	0.001	0.033	0.005	0.01	0.03	0.104
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	3.5	3.818	9.	0.5	5.23	2.287	0.88	2.5	4.8	8.5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	1.8	2.473	5.4	0.5	2.242	1.497	0.66	1.5	3.3	5.26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	137.	132.2	178.	78.	820.063	28.637	80.8	120.75	155.	159.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	15	2.4	2.6	4.7	0.4	1.509	1.228	0.64	1.9	3.5	4.64
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	10	486.	682.2	3000.	10.	786643.956	886.93	17.	117.5	825.	2790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	10	2.616	2.46	3.477	1.	0.503	0.71	1.09	2.061	2.916	3.425
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			288.446								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	180.	197.2	632.	10.	39171.733	197.919	10.	17.5	300.	598.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	2.238	1.961	2.801	1.	0.456	0.675	1.	1.226	2.477	2.768

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Annual Analysis for 1993 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			91.429								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	8.	27.895	175.	3.	1931.099	43.944	3.	5.	35.	75.

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

Annual Analysis for 1994 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	110	21.7	21.635	30.6	0.3	43.203	6.573	13.52	17.4	27.7	29.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.9	1.017	2.3	0.3	0.232	0.482	0.39	0.875	1.125	2.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	110	337.5	323.064	406.	188.	2225.051	47.17	263.1	279.75	356.	363.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	110	7.8	8.161	15.3	3.6	2.896	1.702	6.4	7.4	8.9	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.05	1.35	3.	0.5	0.792	0.89	0.5	0.5	2.225	2.88
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	110	8.05	8.056	8.7	6.6	0.101	0.318	7.7	7.9	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	110	8.047	7.875	8.7	6.6	0.134	0.366	7.7	7.9	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	110	0.009	0.013	0.251	0.002	0.001	0.027	0.003	0.006	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	89.	89.2	126.	60.	353.011	18.789	60.2	77.	99.5	113.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	17	0.07	0.13	0.7	0.02	0.03	0.172	0.02	0.02	0.15	0.38
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	6 ##	0.02	0.032	0.06	0.02	0.	0.018	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	12	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.018	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	2	1.62	1.62	1.89	1.35	0.146	0.382	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	9	0.02	0.019	0.04	0.005	0.	0.013	0.005	0.005	0.03	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	2.9	3.063	4.8	1.65	1.696	1.302	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	4	2.	2.05	3.1	1.1	0.697	0.835	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	137.	146.4	210.	98.	718.568	26.806	122.4	128.	164.	189.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	28	1.4	2.786	9.5	0.2	8.785	2.964	0.2	0.7	3.4	8.87
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	22	944.	961.909	2228.	76.	613609.039	783.332	81.1	130.	1652.	2219.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	22	2.975	2.749	3.348	1.881	0.291	0.539	1.907	2.114	3.218	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			561.381								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	140.5	377.917	1652.	10.	264008.08	513.817	15.	22.	783.	1298.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	2.035	2.065	3.218	1.	0.567	0.753	1.151	1.342	2.851	3.096
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			116.132								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	7.	9.75	31.	3.	48.513	6.965	3.2	6.	10.75	20.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	107	19.6	19.148	31.	0.1	50.991	7.141	5.38	16.1	25.2	27.06
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	17	1.3	1.306	1.9	0.7	0.153	0.391	0.78	0.9	1.7	1.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	107	340.	371.009	575.	234.	10483.368	102.388	246.	278.	466.	509.4
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	107	8.4	8.752	17.7	6.	3.248	1.802	7.08	7.8	9.	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12 ##	0.75	1.1	2.7	0.5	0.645	0.803	0.5	0.5	1.3	2.67
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	107	7.9	8.013	8.7	7.	0.115	0.339	7.6	7.8	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	107	7.9	7.885	8.7	7.	0.132	0.363	7.6	7.8	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	107	0.013	0.013	0.1	0.002	0.	0.012	0.003	0.005	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	84.	84.3	110.	56.	182.432	13.507	70.	72.5	95.5	101.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	17	5.	7.118	23.	2.	40.235	6.343	2.	2.	8.	19.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	10 ##	0.02	0.029	0.061	0.02	0.	0.016	0.02	0.02	0.043	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	9 ##	0.005	0.013	0.033	0.005	0.	0.011	0.005	0.005	0.022	0.033
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	4	1.005	1.048	1.29	0.89	0.032	0.179	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	2	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	131.	136.7	224.	96.	1099.905	33.165	100.6	110.5	149.	187.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	8	2.25	2.588	4.9	1.1	1.63	1.277	**	**	**	**

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Annual Analysis for 1995 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	11	700.	1428.727	8000.	0.	5353009.618	2313.657	16.	93.	1476.	6911.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	11	2.845	2.546	3.903	0.	1.106	1.052	0.381	1.968	3.169	3.804
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			351.496								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	12	45.5	866.833	8000.	0.	5153727.424	2270.182	3.	12.5	725.	5870.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	12	1.655	1.84	3.903	0.	1.167	1.08	0.3	1.075	2.852	3.618
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			69.165								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	20	5.	5.55	12.	3.	7.313	2.704	3.	4.	6.5	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 1996 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	102	22.2	19.983	26.9	2.9	26.955	5.192	12.6	17.3	24.6	24.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	18	0.55	0.672	1.7	0.1	0.216	0.465	0.19	0.3	0.925	1.52
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	101	286.	285.851	371.	188.	1830.628	42.786	230.	240.5	318.	345.6
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	102	8.9	9.086	13.7	6.8	1.64	1.28	7.7	8.575	9.425	11.07
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.	1.233	2.8	0.6	0.497	0.705	0.6	0.65	1.55	2.8
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	102	7.9	8.027	8.9	7.2	0.174	0.417	7.5	7.875	8.4	8.67
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	102	7.9	7.858	8.9	7.2	0.203	0.451	7.5	7.875	8.4	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	102	0.013	0.014	0.063	0.001	0.	0.012	0.002	0.004	0.013	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	19	60.	62.053	106.	25.	501.164	22.387	34.	44.	80.	98.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	17	11.	29.412	233.	0.	3176.257	56.358	1.6	2.5	23.5	109.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	7	0.041	0.05	0.087	0.002	0.001	0.029	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	19	150.	147.579	224.	27.	1862.591	43.158	98.	118.	174.	202.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	2350.	3162.5	8000.	500.	8379821.429	2894.792	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	3.354	3.313	3.903	2.699	0.205	0.452	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2056.468								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	300.	1154.545	5000.	40.	2474467.273	1573.044	40.	130.	1700.	4600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	2.477	2.617	3.699	1.602	0.517	0.719	1.602	2.114	3.23	3.655
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			414.401								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	20.	28.368	150.	4.	1146.69	33.863	5.	6.	35.	65.

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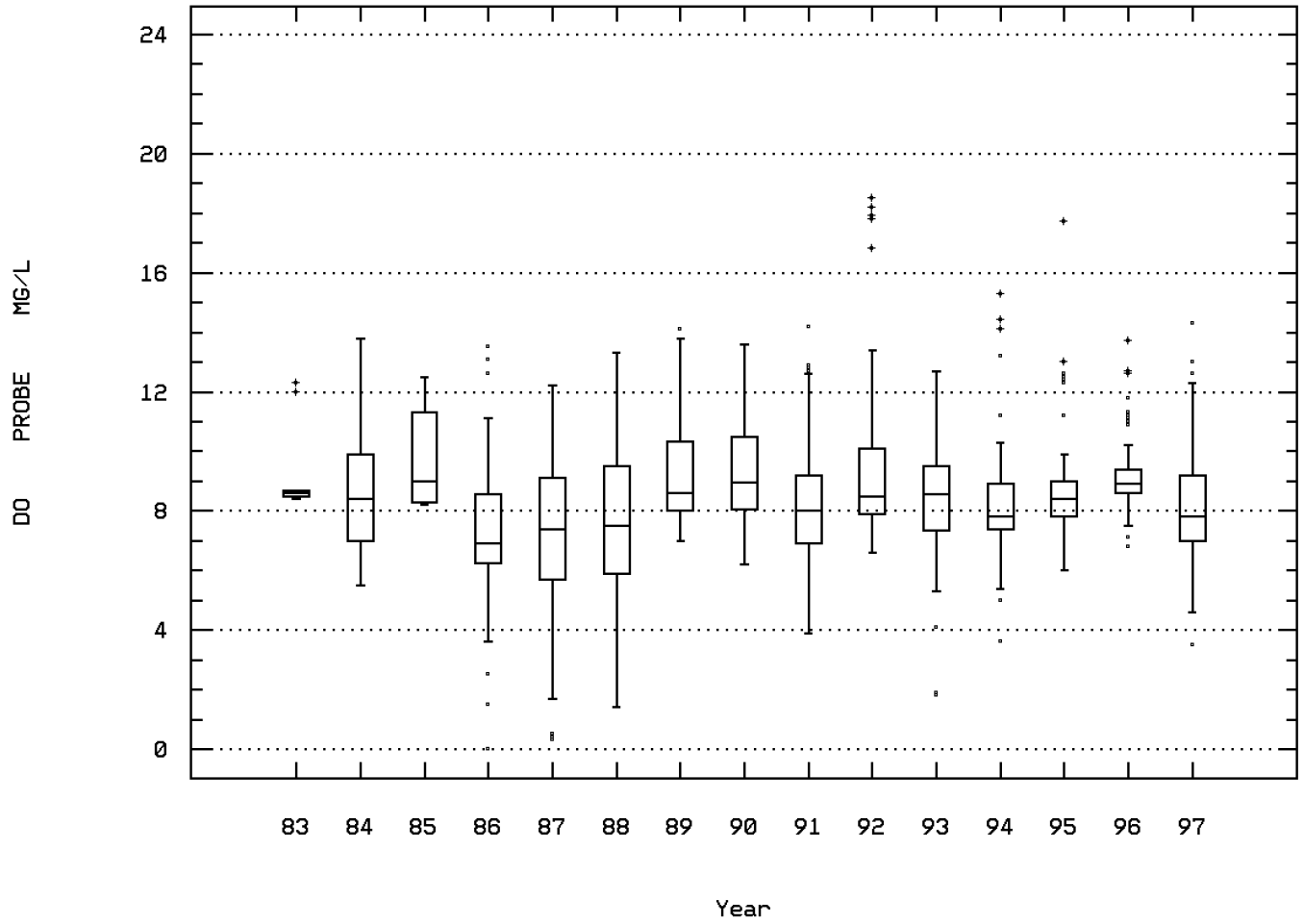
Annual Analysis for 1997 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	119	21.5	20.508	29.1	1.4	43.501	6.596	11.8	15.3	26.4	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	19	1.4	1.368	2.5	0.4	0.351	0.593	0.5	0.9	1.8	2.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	119	336.	327.874	672.	98.	5358.552	73.202	242.	297.	360.	383.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	119	7.8	8.213	14.3	3.5	3.033	1.742	6.3	7.	9.2	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	0.85	0.95	2.6	0.1	0.465	0.682	0.13	0.475	1.225	2.47
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	119	8.1	8.037	8.6	7.5	0.079	0.282	7.6	7.9	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	119	8.1	7.942	8.6	7.5	0.088	0.297	7.6	7.9	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	119	0.008	0.011	0.032	0.003	0.	0.008	0.004	0.006	0.013	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	20	80.	78.9	110.	44.	322.726	17.965	58.2	62.	95.	101.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	14	5.	7.643	20.	1.	32.555	5.706	1.5	3.	12.25	18.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	15	0.023	0.032	0.089	0.001	0.001	0.029	0.003	0.006	0.057	0.082
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	13	0.018	0.022	0.081	0.002	0.	0.021	0.002	0.006	0.031	0.064
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	20	167.	168.15	230.	100.	922.134	30.367	130.1	148.5	188.	205.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	19	5.	7.895	30.	3.	43.544	6.599	3.	5.	10.	20.

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Station: NACC0136 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



EAST SIDE OF KEY BRIDGE D.C.

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	611	25.2	24.633	32.2	14.5	14.933	3.864	18.72	22.9	27.5	29.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	80	1.1	1.118	2.5	0.	0.259	0.509	0.4	0.8	1.5	1.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	574	347.	352.089	2335.	189.	10837.886	104.105	266.5	311.	390.25	417.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	607	7.8	7.637	11.8	0.3	1.575	1.255	6.3	6.9	8.4	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	46	1.2	1.198	3.3	0.5	0.45	0.67	0.5	0.5	1.625	2.13
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	591	8.	7.959	8.8	6.4	0.107	0.327	7.5	7.8	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	591	8.	7.822	8.8	6.4	0.126	0.355	7.5	7.8	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	591	0.01	0.015	0.398	0.002	0.	0.02	0.004	0.008	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	86	90.	88.384	118.	34.	296.192	17.21	65.4	79.	100.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	58	6.5	13.738	233.	0.02	1017.825	31.903	0.02	2.	11.5	28.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	70	0.044	0.052	0.3	0.	0.002	0.046	0.02	0.02	0.066	0.108
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	61	0.011	0.014	0.047	0.005	0.	0.011	0.005	0.005	0.021	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	55	1.06	0.995	1.93	0.07	0.182	0.427	0.366	0.68	1.29	1.454
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	39	0.54	0.554	1.16	0.21	0.04	0.2	0.33	0.397	0.697	0.856
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	38	0.082	0.084	0.249	0.037	0.001	0.036	0.046	0.063	0.093	0.116
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	38	0.065	0.06	0.13	0.006	0.001	0.028	0.024	0.036	0.082	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	59	0.04	0.039	0.1	0.004	0.001	0.024	0.004	0.02	0.055	0.072
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	28	3.9	3.882	6.5	1.8	1.473	1.214	2.34	2.8	4.875	5.32
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	35	3.6	3.566	6.4	1.1	1.706	1.306	1.66	2.5	4.7	5.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	86	140.	143.5	224.	10.	1125.382	33.547	115.1	128.	162.5	184.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	46	2.55	3.004	9.5	0.4	4.823	2.196	1.	1.55	3.4	6.07
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11 ##	5.	6.182	18.	5.	15.364	3.92	5.	5.	5.	15.4
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11 ##	10.	9.182	12.5	5.	11.864	3.444	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	193.	324.273	860.	66.	71537.218	267.464	80.4	171.	455.	846.8
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11 ##	25.	30.318	106.	2.5	675.614	25.993	7.	25.	25.	89.8
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	10	42.	109.6	564.	5.	29605.156	172.061	5.5	13.75	123.75	529.2
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	30	1097.5	8665.333	120000.	80.	524808376.575	22908.697	140.	442.5	4375.	33200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	30	3.036	3.165	5.079	1.903	0.642	0.801	2.139	2.637	3.619	4.513
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1461.775								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	230.	4084.059	120000.	20.	420395643.512	20503.552	20.	22.	800.	1976.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	2.362	2.347	5.079	1.301	0.744	0.863	1.301	1.342	2.903	3.29
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			222.273								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	85	8.	16.6	150.	3.	718.695	26.808	4.6	6.	12.	31.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	257	10.8	10.645	19.7	0.1	24.48	4.948	4.26	6.	14.8	16.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	82	0.9	1.093	3.4	0.	0.657	0.811	0.2	0.4	1.7	2.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	243	293.	318.255	672.	98.	9841.802	99.206	200.4	247.	400.	472.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	253	10.2	10.325	18.5	0.	8.12	2.85	7.78	9.2	12.4	12.96
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	61	1.	1.144	4.1	0.5	0.596	0.772	0.5	0.5	1.45	2.26
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	247	8.	7.919	9.1	6.3	0.194	0.44	7.3	7.6	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	247	8.	7.668	9.1	6.3	0.257	0.507	7.3	7.6	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	247	0.01	0.021	0.501	0.001	0.002	0.04	0.004	0.006	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	90	71.	73.967	126.	14.	511.246	22.611	48.2	60.	88.	105.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	63	5.	10.605	67.	0.	207.32	14.399	0.14	2.	13.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	78 ##	0.02	0.039	0.217	0.001	0.001	0.035	0.02	0.02	0.05	0.091
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	67 ##	0.005	0.01	0.033	0.005	0.	0.007	0.005	0.005	0.015	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	60	1.535	1.488	2.19	0.62	0.14	0.375	0.903	1.198	1.77	1.935
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	40	0.351	0.458	1.94	0.1	0.154	0.392	0.1	0.261	0.509	0.718
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	39	0.059	0.115	0.96	0.018	0.029	0.171	0.024	0.045	0.103	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 box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	38	0.042	0.055	0.254	0.005	0.002	0.046	0.018	0.029	0.063	0.097
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	68	0.022	0.028	0.12	0.	0.001	0.023	0.007	0.013	0.035	0.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	43	3.6	3.978	10.4	0.	4.899	2.213	1.44	2.4	5.3	6.92
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	48	3.35	3.29	6.6	0.	2.505	1.583	1.	2.225	4.275	5.61
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	88	125.	129.614	245.	1.	1583.596	39.794	89.8	102.5	159.5	180.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	50	2.5	2.142	4.6	0.1	1.889	1.374	0.2	0.65	3.2	3.8
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	12 ##	2.5	2.375	2.5	1.	0.188	0.433	1.45	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	12 ##	5.	5.208	10.	2.5	2.794	1.671	3.25	5.	5.	8.5
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	12 ##	12.5	11.25	12.5	5.	8.523	2.919	5.	12.5	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	12	343.	668.042	2534.5	144.	496155.475	704.383	147.	179.25	953.	2190.55
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	12 ##	25.	15.833	25.	2.5	128.788	11.348	2.5	2.5	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	12	33.5	41.167	112.	5.	1330.152	36.471	6.5	10.	75.25	106.6
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	41	800.	1888.22	17000.	0.	10182001.476	3190.925	100.4	230.	1700.	7300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	41	2.903	2.803	4.23	0.	0.619	0.787	1.998	2.362	3.23	3.856
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			634.679								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	42	200.	781.	8000.	0.	3001614.634	1732.517	10.	40.	828.5	1700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	42	2.296	2.197	3.903	0.	0.738	0.859	1.	1.602	2.917	3.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			157.479								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	89	10.	29.764	360.	3.	3332.932	57.732	4.	5.5	30.5	75.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	479	19.2	19.867	29.6	6.9	30.688	5.54	12.7	15.7	24.7	27.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	70	0.9	0.893	1.9	0.1	0.199	0.446	0.3	0.6	1.225	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	473	282.	287.362	648.	144.	4800.087	69.283	215.	244.	329.5	354.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	476	8.7	8.484	11.9	0.3	3.235	1.799	6.7	7.5	9.5	10.73
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	35	1.3	1.451	3.3	0.	0.982	0.991	0.46	0.5	2.3	3.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	459	7.8	7.893	8.9	5.7	0.265	0.515	7.4	7.6	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	459	7.8	7.435	8.9	5.7	0.475	0.689	7.4	7.6	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	459	0.016	0.037	1.995	0.001	0.022	0.147	0.003	0.005	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	74	78.	74.351	106.	36.	295.08	17.178	47.	61.5	86.5	95.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	54	8.5	24.743	496.	0.02	4854.588	69.675	0.09	2.	18.5	43.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	59	0.022	0.045	0.239	0.002	0.002	0.042	0.02	0.02	0.062	0.081
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	56	0.011	0.012	0.04	0.005	0.	0.007	0.005	0.005	0.016	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/24/95	48	1.27	1.179	1.65	0.24	0.087	0.296	0.824	1.03	1.4	1.511
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	33	0.52	0.621	2.46	0.13	0.173	0.416	0.255	0.387	0.736	1.018
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	31	0.076	0.094	0.526	0.025	0.008	0.087	0.041	0.053	0.095	0.158
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	31	0.043	0.049	0.146	0.005	0.001	0.032	0.007	0.031	0.067	0.094
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	54	0.021	0.023	0.073	0.002	0.	0.018	0.004	0.005	0.032	0.051
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	22	3.75	4.105	11.5	1.9	3.813	1.953	2.15	3.	4.575	5.84
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	26	3.45	3.438	5.7	1.8	1.078	1.038	1.87	2.625	4.225	4.71
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	75	120.	122.16	210.	62.	885.677	29.76	87.2	100.	140.	158.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/24/95	34	2.3	2.216	4.2	0.05	1.169	1.081	0.7	1.2	3.225	3.4
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	7 ##	12.5	9.286	12.5	5.	16.071	4.009	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	7	585.	882.143	1830.	284.	476394.143	690.213	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	7 ##	25.	22.857	25.	10.	32.143	5.669	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	7	25.	69.857	203.	10.	6325.81	79.535	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/14/86-01/09/95	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	22	265.	2372.182	33000.	20.	48451272.632	6960.695	76.	89.75	2200.	4420.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	22	2.419	2.591	4.519	1.301	0.624	0.79	1.881	1.952	3.342	3.639

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			390.179								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	25	51.	365.88	5000.	10.	1003988.443	1001.992	10.	15.	250.	814.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	25	1.708	1.889	3.699	1.	0.549	0.741	1.	1.151	2.397	2.86
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			77.468								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	75	10.	24.2	234.	3.	1320.378	36.337	5.	7.	21.	69.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0137

NPS Station ID: NACC0137
LAT/LON: 38.902226/ -77.070281
Agency: 1113TIWQ
Date Created: / /
Location: POTOMAC R. OFF KEY BR. WASH,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /POTO-01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003000.00
RF3 Mile Point: 0.11
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0137

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: NACC0138

NPS Station ID: NACC0138
LAT/LON: 38.902226/ -77.070281
Agency: 1113POTS
Date Created: / /
Location: PO.R. AT KEY BRIDGE WASH.,D.C.
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 001 /001 /1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002502.07
RF3 Mile Point: 2.36
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/69-11/19/69	15	10.	10.067	15.	6.5	5.817	2.412	6.8	8.	11.5	14.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/69-11/19/69	22	0.051	0.088	0.71	0.015	0.021	0.144	0.019	0.029	0.089	0.149
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/69-11/19/69	21	0.84	0.746	1.03	0.07	0.079	0.281	0.132	0.795	0.885	0.98
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/03/69-11/19/69	38	0.2	0.208	0.34	0.07	0.007	0.085	0.098	0.13	0.29	0.312
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/10/69-11/19/69	2	0.435	0.435	0.47	0.4	0.002	0.049	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0138

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00				21	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0139

NPS Station ID: NACC0139
LAT/LON: 38.902226/ -77.070281
Agency: 1113POTS
Date Created: / /
Location: FAIRFAX-WESTGATE,VA. STP
FIPS State/County: 51000 VIRGINIA/
Station Type: /TREATD/INTAKE/STREAM
STORET Station ID(s): POTOMAC 023 /023 /STP 4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY,POTOMAC R.
ECO Region:
RF1 Index: 02070010038
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010059401.70
RF3 Mile Point: 2.53
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	11/09/69-11/11/69	11	2.	2.727	6.5	1.	3.068	1.752	1.	1.5	4.	6.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11/09/69-11/11/69	11	40.07	41.315	59.89	21.27	130.892	11.441	22.344	34.35	50.86	58.944

** - Less than 9 observations ## - 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: NACC0140

NPS Station ID: NACC0140
Location: KEY BRIDGE-STATION 1
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003600.00
Description:
KEY BRIDGE-STATION 1

LAT/LON: 38.902505/ -77.069726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 1.14

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750440191
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.40
Distance from RF3: 0.04

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: NACC0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0141

NPS Station ID: NACC0141 LAT/LON: 38.902781/ -77.058337 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.1 /D-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0142

NPS Station ID: NACC0142
LAT/LON: 38.902781/ -77.058337
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.2 /D-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 9
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 0.50
Distance from RF3: 0.05
On/Off RF3:
Description:
TRANSECT STATION LOCATED 50 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0143

NPS Station ID: NACC0143
LAT/LON: 38.902781/ -77.058337
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D6
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.6 /D-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 29
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 0.50
Distance from RF3: 0.05
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: NACC0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0144

NPS Station ID: NACC0144
LAT/LON: 38.902781/ -77.058337
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT ROOSEVELT ISLAND TRANS D8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101003.8 /D-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 16
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 0.50
Distance from RF3: 0.05
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT EASTERN SHORE BREAKWATER WALL

Parameter Inventory for Station: NACC0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0145

NPS Station ID: NACC0145
Location: PO.R. AT KEY BR. WASHINGTON,D.C.
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
RF1 Index: 02070010038
RF3 Index: 02070010004003.03
Description:

LAT/LON: 38.902781/ -77.070004
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 0.200
RF3 Mile Point: 3.02

Agency: 1113UPBA
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): POTOMAC 003 /003 /2A
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.01

Date Created: / /
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: NACC0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/67-02/16/67	3	4.5	4.5	5.	4.	0.25	0.5	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	1850.	4997.5	16090.	200.	55492691.667	7449.342	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/24/67-02/16/67	4	3.247	3.25	4.207	2.301	0.617	0.785	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1780.062								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	895.	1342.5	3480.	100.	2280425.	1510.108	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/24/67-02/16/67	4	2.902	2.836	3.542	2.	0.432	0.657	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			686.167								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	75.	165.	490.	20.	48033.333	219.165	**	**	**	**
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	01/24/67-02/16/67	4	1.849	1.923	2.69	1.301	0.344	0.586	**	**	**	**
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			83.666								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	3	0.75				4	3	0.75						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	3	0.75				4	3	0.75						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0146

NPS Station ID: NACC0146
LAT/LON: 38.902781/ -77.070004
Agency: 1113MCST
Date Created: / /
Location: KEY BRIDGE WASHINGTON DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P02/P02 /002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 02070010003202.39
RF3 Mile Point: 3.07
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	8	29.25	29.063	30.	27.5	0.603	0.776	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	8	6.8	7.188	10.4	5.2	3.964	1.991	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	4.05	4.05	4.3	3.8	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.05	7.05	7.5	6.6	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.85	6.85	7.5	6.6	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.141	0.141	0.251	0.032	0.024	0.155	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.801	0.788	0.865	0.687	0.006	0.077	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.051	0.085	0.24	0.001	0.013	0.113	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.014	0.02	0.007	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.55	10.825	12.1	10.1	0.782	0.885	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.6	23.825	24.8	23.3	0.502	0.709	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	2710.	2710.	5400.	20.	14472200.	3804.234	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.517	2.517	3.732	1.301	2.956	1.719	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			328.634								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	99.	94.125	111.	67.5	348.563	18.67	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.28	0.255	0.32	0.14	0.006	0.081	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	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: NACC0147

NPS Station ID: NACC0147 LAT/LON: 38.902781/ -77.075282 Agency: 21DCBAWQ Date Created: 10/28/86
Location: GEORGETOWN UNIV. IN LINE WITH BOTH SPIRES, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS09
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0097.50
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010037 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003201.47 RF3 Mile Point: 1.87 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: GEORGETOWN UNIV., D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	132	17.8	16.558	32.2	1.7	82.283	9.071	4.53	6.95	24.8	27.64
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-06/08/92	5	0.3	0.5	1.5	0.1	0.325	0.57	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	122	305.5	308.893	580.	119.	6862.79	82.842	205.5	258.	351.	403.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	132	9.05	9.271	14.7	1.3	6.652	2.579	6.9	7.7	11.375	12.77
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	118	7.95	7.974	9.	7.2	0.147	0.384	7.5	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	118	7.947	7.821	9.	7.2	0.171	0.413	7.5	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	118	0.011	0.015	0.063	0.001	0.	0.013	0.003	0.006	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/90-10/15/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/90-10/15/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04378	WAVE STATE CODE	03/11/96-10/14/97	18	1000.	1055.556	2000.	1000.	55555.556	235.702	1000.	1000.	1000.	1100.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/15/90-10/15/90	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: NACC0147

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	132	5	0.04	50	0	0.00	48	4	0.08	34	1	0.03			
00400	PH	Fresh Chronic	9.	118	1	0.01	46	0	0.00	43	1	0.02	29	0	0.00			
		Other-Lo Lim.	6.5	118	0	0.00	46	0	0.00	43	0	0.00	29	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.1	10.867	18.8	6.7	47.243	6.873	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	246.5	246.5	338.	155.	16744.5	129.401	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	11.067	12.4	8.7	4.223	2.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	18.9	17.213	28.9	3.3	108.478	10.415	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	147.	183.667	285.	119.	7897.333	88.867	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.4	9.675	13.6	6.6	6.459	2.542	**	**	**	**

** - 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 1985 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.5	11.567	18.1	5.1	42.253	6.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	258.	269.	314.	235.	1651.	40.632	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	10.7	11.	12.4	9.9	1.63	1.277	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.833	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.8	7.831	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	3	0.016	0.015	0.016	0.013	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 1986 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.5	15.318	28.7	1.7	121.49	11.022	1.82	4.6	27.3	28.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	328.	351.636	518.	250.	7564.255	86.973	253.8	281.	414.	508.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.4	7.973	13.6	1.3	15.926	3.991	1.52	6.5	12.6	13.48
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	8.082	8.9	7.6	0.184	0.429	7.64	7.8	8.3	8.88
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.944	8.9	7.6	0.205	0.452	7.64	7.8	8.3	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.011	0.025	0.001	0.	0.007	0.001	0.005	0.016	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	11.65	14.4	29.4	2.5	100.889	10.044	2.77	6.075	25.925	28.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	271.5	275.667	458.	144.	6984.788	83.575	160.2	216.75	307.	433.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.8	6.992	12.2	1.6	12.043	3.47	1.78	3.15	9.45	11.57
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.673	8.1	7.2	0.08	0.283	7.22	7.3	7.8	8.06
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.583	8.1	7.2	0.089	0.298	7.22	7.3	7.8	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.016	0.026	0.063	0.008	0.	0.019	0.009	0.016	0.05	0.061

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.6	17.69	30.5	5.5	67.79	8.233	5.94	11.025	25.075	30.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	343.	337.8	526.	166.	14128.178	118.862	167.1	235.5	422.25	521.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.15	9.02	11.6	6.4	3.011	1.735	6.48	7.35	10.375	11.56
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	8.044	8.6	7.4	0.155	0.394	7.4	7.75	8.35	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.878	8.6	7.4	0.187	0.432	7.4	7.75	8.35	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.013	0.04	0.003	0.	0.013	0.003	0.004	0.021	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	14.5	15.2	26.9	2.5	88.412	9.403	2.66	5.1	24.7	26.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	318.	302.111	334.	217.	1517.361	38.953	217.	281.	332.5	334.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.	9.873	13.6	7.7	3.828	1.957	7.74	8.1	11.	13.36
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	8.073	9.	7.2	0.224	0.473	7.32	7.8	8.3	8.92
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	7.853	9.	7.2	0.277	0.527	7.32	7.8	8.3	8.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.01	0.014	0.063	0.001	0.	0.017	0.001	0.005	0.016	0.054

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.4	16.36	26.8	5.1	78.923	8.884	5.15	5.675	24.4	26.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	256.	255.222	311.	175.	1530.944	39.127	175.	235.5	284.	311.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.45	10.12	13.8	7.8	5.577	2.362	7.81	7.9	12.75	13.71
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.75	7.81	8.8	7.4	0.154	0.393	7.41	7.575	7.925	8.72
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.747	7.704	8.8	7.4	0.167	0.408	7.41	7.575	7.925	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.018	0.02	0.04	0.002	0.	0.011	0.002	0.012	0.027	0.039

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	23.55	22.238	29.3	9.5	59.954	7.743	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	376.5	379.	512.	258.	5541.714	74.443	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	7.8	8.562	12.6	6.9	3.763	1.94	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	8	8.1	7.988	8.2	7.6	0.061	0.247	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	8	8.1	7.918	8.2	7.6	0.067	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	8	0.008	0.012	0.025	0.006	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.6	15.827	26.9	3.4	65.174	8.073	3.98	8.	23.8	26.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	309.	307.364	357.	259.	1111.055	33.332	259.8	282.	336.	355.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.5	10.145	13.6	7.7	4.201	2.05	7.76	8.	11.6	13.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.882	8.3	7.3	0.1	0.316	7.36	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.775	8.3	7.3	0.112	0.335	7.36	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.017	0.05	0.005	0.	0.013	0.005	0.008	0.025	0.045

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	20.35	17.16	32.2	2.5	104.772	10.236	2.81	5.6	25.	31.51
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	329.5	323.	411.	189.	6335.333	79.595	190.2	262.5	399.75	410.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.1	9.75	14.7	6.3	7.087	2.662	6.42	7.65	12.125	14.51
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	8.044	8.8	7.5	0.215	0.464	7.5	7.55	8.4	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.855	8.8	7.5	0.256	0.506	7.5	7.55	8.4	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.014	0.032	0.002	0.	0.012	0.002	0.004	0.028	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.8	18.433	30.7	4.5	87.868	9.374	4.5	9.	26.55	30.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	325.	314.111	359.	246.	1700.611	41.238	246.	276.5	349.5	359.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	8.811	13.2	6.5	4.286	2.07	6.5	7.	9.85	13.2
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	8.078	8.7	7.6	0.104	0.323	7.6	7.85	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.983	8.7	7.6	0.114	0.338	7.6	7.85	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.01	0.025	0.002	0.	0.007	0.002	0.005	0.014	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.9	18.667	29.1	1.9	87.378	9.348	1.9	11.2	26.15	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	304.	357.333	580.	235.	13519.75	116.274	235.	271.	452.	580.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.3	9.222	13.3	7.4	3.934	1.984	7.4	7.9	10.5	13.3
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	8.089	8.6	7.6	0.124	0.352	7.6	7.75	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	7.969	8.6	7.6	0.14	0.374	7.6	7.75	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.006	0.011	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.3	14.525	24.8	2.9	86.005	9.274	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	250.	262.875	344.	187.	3339.268	57.786	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.2	10.425	13.7	7.6	5.488	2.343	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	8	7.95	7.85	8.4	7.2	0.206	0.454	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	8	7.947	7.651	8.4	7.2	0.251	0.501	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	8	0.011	0.022	0.063	0.004	0.001	0.022	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	18.2	17.556	28.6	3.8	78.783	8.876	3.8	9.25	25.7	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	325.	309.375	403.	193.	4456.554	66.757	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.2	9.478	12.9	7.1	3.824	1.956	7.1	7.8	11.	12.9
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	8.167	8.6	7.6	0.108	0.328	7.6	7.9	8.45	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	8.052	8.6	7.6	0.122	0.35	7.6	7.9	8.45	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.006	0.009	0.025	0.003	0.	0.007	0.003	0.004	0.013	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	50	25.3	24.53	32.2	14.5	17.874	4.228	18.01	22.65	27.35	29.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	342.	346.978	518.	219.	4520.333	67.233	269.4	308.5	386.75	462.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	50	7.9	8.016	10.5	6.3	0.943	0.971	6.55	7.375	8.725	9.39
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	46	8.	8.067	8.7	7.3	0.089	0.299	7.7	7.875	8.3	8.53
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	46	8.	7.97	8.7	7.3	0.099	0.315	7.7	7.875	8.3	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	46	0.01	0.011	0.05	0.002	0.	0.008	0.003	0.005	0.013	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	48	5.7	6.658	19.7	1.7	14.687	3.832	2.5	3.975	8.	11.91
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	283.	288.044	526.	119.	6840.543	82.708	194.4	242.5	328.	405.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	48	12.05	10.931	14.7	1.3	10.566	3.251	4.06	10.	12.875	13.6
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.8	7.898	9.	7.2	0.151	0.388	7.38	7.6	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.8	7.745	9.	7.2	0.175	0.418	7.38	7.6	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	43	0.016	0.018	0.063	0.001	0.	0.016	0.005	0.006	0.025	0.043

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	34	18.5	18.812	29.3	6.9	35.105	5.925	10.55	14.6	24.1	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	31	281.	282.645	580.	144.	7278.637	85.315	175.4	217.	334.	368.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	34	8.7	8.774	11.6	2.2	3.308	1.819	6.9	7.7	10.125	11.25
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	29	7.8	7.938	8.9	7.3	0.22	0.469	7.4	7.6	8.35	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	29	7.8	7.749	8.9	7.3	0.257	0.507	7.4	7.6	8.35	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	29	0.016	0.018	0.05	0.001	0.	0.014	0.002	0.004	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0148

NPS Station ID: NACC0148 LAT/LON: 38.903310/ -77.057142 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/IX/03
RMI-Indexes: 0214001 002700 00010 Within Park Boundary: No
RMI-Miles: 0112.80 0000.30 000.01
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010035 RF1 Mile Point: 0.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 2.27 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/20/71	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/20/71	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/21/71-07/21/71	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/20/71	1	7500.	7500.	7500.	7500.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/20/71-07/20/71	1	3.875	3.875	3.875	3.875	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7500.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/20/71	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/20/71-07/20/71	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			2300.								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0149

NPS Station ID: NACC0149
LAT/LON: 38.903338/ -77.079726
Agency: 21DCBAWQ
Date Created: 09/13/86
Location: THREE SISTERS ISLAND, WASH.,D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMS08
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0097.75
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 0.300
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 1.53
Distance from RF3: 0.05
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	130	17.8	16.523	32.3	1.8	81.535	9.03	4.6	7.025	24.75	27.66
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.767	1.8	0.2	0.803	0.896	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	120	306.	310.425	583.	119.	6575.473	81.089	218.4	257.5	348.75	409.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	130	9.15	9.324	14.6	1.5	6.26	2.502	6.9	7.775	11.4	12.7
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	117	7.9	7.974	8.8	7.1	0.127	0.357	7.6	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	117	7.9	7.836	8.8	7.1	0.146	0.382	7.6	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	117	0.013	0.015	0.079	0.002	0.	0.013	0.003	0.006	0.02	0.025
04378	WAVE STATE CODE	03/11/96-10/14/97	18	1000.	1055.556	2000.	1000.	55555.556	235.702	1000.	1000.	1000.	1100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	130	4	0.03	49	0	0.00	48	4	0.08	33	0	0.00			
00400	PH	Fresh Chronic	9.	117	0	0.00	45	0	0.00	43	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	117	0	0.00	45	0	0.00	43	0	0.00	29	0	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 1983 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.1	10.9	18.8	6.8	46.83	6.843	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	244.	244.	333.	155.	15842.	125.865	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	11.	12.2	8.7	3.97	1.992	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	18.85	17.088	28.3	3.2	106.721	10.331	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	146.	181.667	280.	119.	7434.333	86.223	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.15	9.6	13.8	7.	6.514	2.552	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.6	11.6	18.	5.2	40.96	6.4	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	259.	270.333	318.	234.	1860.333	43.132	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.1	11.133	12.5	9.8	1.823	1.35	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.9	7.867	7.9	7.8	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.9	7.864	7.9	7.8	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	3	0.013	0.014	0.016	0.013	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 1986 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.3	15.282	28.8	1.8	121.146	11.007	1.9	4.6	27.1	28.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	328.	350.	491.	251.	6572.6	81.072	256.	283.	416.	487.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.3	7.927	13.4	1.7	15.374	3.921	1.84	6.5	12.8	13.28
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	8.036	8.8	7.6	0.143	0.378	7.62	7.8	8.2	8.76
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.923	8.8	7.6	0.157	0.396	7.62	7.8	8.2	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.012	0.025	0.002	0.	0.007	0.002	0.006	0.016	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	11.6	15.	29.3	2.5	115.471	10.746	2.6	5.3	26.45	29.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	286.5	293.9	445.	198.	5272.989	72.615	200.5	241.75	324.25	438.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	7.75	7.27	12.2	1.5	11.616	3.408	1.63	3.925	9.6	12.
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.8	7.71	8.2	7.1	0.13	0.36	7.1	7.55	7.875	8.19
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.8	7.558	8.2	7.1	0.155	0.394	7.1	7.55	7.875	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.016	0.028	0.079	0.006	0.001	0.028	0.006	0.014	0.035	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.55	17.72	30.7	5.4	67.768	8.232	5.85	11.175	24.975	30.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	344.	336.7	519.	167.	13793.789	117.447	168.	234.	419.25	515.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.2	9.03	11.7	6.3	3.122	1.767	6.39	7.575	10.4	11.66
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	8.089	8.6	7.4	0.111	0.333	7.4	7.95	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	7.958	8.6	7.4	0.13	0.361	7.4	7.95	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.008	0.011	0.04	0.003	0.	0.011	0.003	0.005	0.011	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	14.5	15.191	26.6	2.3	88.279	9.396	2.5	5.3	24.7	26.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	318.	301.889	335.	218.	1515.361	38.928	218.	280.	332.5	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.	9.882	13.4	7.7	3.672	1.916	7.74	8.	10.9	13.18
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	8.1	8.8	7.6	0.14	0.374	7.64	7.8	8.3	8.76
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	8.	7.978	8.8	7.6	0.156	0.395	7.64	7.8	8.3	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.01	0.011	0.025	0.002	0.	0.007	0.002	0.005	0.016	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.45	16.37	27.1	5.1	79.396	8.91	5.15	5.675	24.425	26.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	255.	255.667	312.	178.	1475.75	38.415	178.	236.5	284.	312.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.4	10.04	13.8	7.8	5.314	2.305	7.8	7.875	12.4	13.69
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.75	7.83	8.8	7.4	0.16	0.4	7.41	7.575	7.95	8.73
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.747	7.716	8.8	7.4	0.174	0.418	7.41	7.575	7.95	8.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.018	0.019	0.04	0.002	0.	0.011	0.002	0.011	0.027	0.039

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	21.5	29.3	9.5	57.768	7.6	9.5	14.6	29.3	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	363.	365.556	513.	255.	6672.278	81.684	255.	298.	414.	513.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	7.8	8.711	12.5	6.9	3.476	1.864	6.9	7.15	9.9	12.5
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.978	8.2	7.6	0.057	0.239	7.6	7.75	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.914	8.2	7.6	0.062	0.248	7.6	7.75	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.012	0.025	0.006	0.	0.008	0.006	0.006	0.019	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	15.15	14.76	26.	3.4	58.214	7.63	3.68	7.55	21.725	25.79
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	300.	306.	354.	257.	1174.889	34.277	257.7	276.75	337.75	353.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	10.4	10.35	13.6	8.	3.649	1.91	8.01	8.625	11.725	13.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.85	7.85	8.3	7.6	0.063	0.251	7.6	7.6	8.025	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	10	7.847	7.791	8.3	7.6	0.067	0.258	7.6	7.6	8.025	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	10	0.014	0.016	0.025	0.005	0.	0.008	0.005	0.009	0.025	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	19.95	17.08	32.3	2.5	104.235	10.21	2.81	5.6	25.	31.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	333.	325.3	412.	188.	6474.233	80.463	188.8	269.5	400.5	411.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	8.7	9.72	14.6	6.2	6.871	2.621	6.34	7.975	12.175	14.41
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	8.011	8.7	7.5	0.179	0.423	7.5	7.6	8.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.857	8.7	7.5	0.205	0.453	7.5	7.6	8.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.013	0.014	0.032	0.002	0.	0.011	0.002	0.004	0.025	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.7	18.444	30.8	4.6	88.063	9.384	4.6	8.95	26.55	30.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	324.	313.778	359.	244.	1726.444	41.551	244.	276.5	350.	359.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.5	8.844	13.1	6.6	4.063	2.016	6.6	7.05	9.85	13.1
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	8.078	8.7	7.6	0.109	0.331	7.6	7.8	8.3	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	7.978	8.7	7.6	0.121	0.347	7.6	7.8	8.3	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.008	0.011	0.025	0.002	0.	0.007	0.002	0.005	0.016	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.9	18.522	28.	1.9	84.294	9.181	1.9	11.2	26.05	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	312.	358.333	583.	235.	13692.25	117.014	235.	271.	454.5	583.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	9.222	13.4	7.2	4.234	2.058	7.2	7.9	10.5	13.4
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	8.089	8.5	7.6	0.119	0.344	7.6	7.75	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	7.971	8.5	7.6	0.134	0.366	7.6	7.75	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.006	0.011	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.3	14.475	24.7	2.9	84.928	9.216	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	249.5	262.875	345.	187.	3394.696	58.264	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.1	10.425	13.8	7.7	5.482	2.341	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	8	7.95	7.863	8.4	7.3	0.188	0.434	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	8	7.947	7.683	8.4	7.3	0.225	0.474	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	8	0.011	0.021	0.05	0.004	0.	0.019	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	17.9	17.478	28.8	3.8	78.434	8.856	3.8	9.25	25.5	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	323.5	309.75	404.	194.	4423.071	66.506	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.2	9.389	12.9	7.1	4.104	2.026	7.1	7.7	11.	12.9
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	8.089	8.5	7.5	0.119	0.344	7.5	7.75	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.2	7.959	8.5	7.5	0.138	0.371	7.5	7.75	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.006	0.011	0.032	0.003	0.	0.01	0.003	0.004	0.018	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	49	25.1	24.455	32.3	14.5	18.19	4.265	18.	22.3	27.25	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	343.	347.067	499.	223.	4316.473	65.7	270.	307.	390.	455.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	49	7.8	7.998	10.5	6.2	1.01	1.005	6.6	7.3	8.7	9.4
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	45	8.	8.053	8.7	7.1	0.093	0.305	7.7	7.9	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	45	8.	7.939	8.7	7.1	0.106	0.326	7.7	7.9	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	45	0.01	0.012	0.079	0.002	0.	0.012	0.003	0.006	0.013	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	48	5.65	6.667	19.7	1.8	14.714	3.836	2.48	4.	8.075	12.01
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	45	283.	287.711	519.	119.	6815.846	82.558	192.8	242.	327.5	405.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	48	12.05	10.923	14.6	1.5	10.286	3.207	4.15	10.	12.775	13.62
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.8	7.914	8.8	7.1	0.127	0.356	7.54	7.6	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	43	7.8	7.782	8.8	7.1	0.145	0.38	7.54	7.6	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	43	0.016	0.017	0.079	0.002	0.	0.014	0.005	0.006	0.025	0.029

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	33	18.8	19.082	29.3	8.8	30.974	5.565	11.12	14.85	24.25	26.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	30	284.5	289.533	583.	167.	6756.257	82.196	178.9	251.5	331.	369.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	33	8.8	8.967	11.7	6.9	1.952	1.397	7.2	7.8	10.1	11.3
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	29	7.9	7.938	8.8	7.3	0.173	0.416	7.4	7.6	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	29	7.9	7.781	8.8	7.3	0.199	0.446	7.4	7.6	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	29	0.013	0.017	0.05	0.002	0.	0.013	0.003	0.005	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0150

NPS Station ID: NACC0150
LAT/LON: 38.903615/ -77.080559
Agency: 1113MCST
Date Created: / /
Location: THREE SISTERS ISLAND WASH DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P03/P03 /003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.24
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	12	29.	28.875	30.	28.	0.324	0.569	28.	28.5	29.	29.85
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	12	5.85	6.475	9.7	4.4	3.018	1.737	4.49	5.25	8.35	9.37
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.9	3.9	4.	3.8	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	3	7.4	7.4	7.5	7.3	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	3	7.4	7.392	7.5	7.3	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	3	0.04	0.041	0.05	0.032	0.	0.009	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.787	0.784	0.865	0.696	0.008	0.087	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.063	0.25	0.001	0.016	0.125	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.014	0.02	0.007	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.6	10.675	11.6	9.9	0.596	0.772	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.5	23.575	24.5	22.8	0.496	0.704	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	154.	154.	230.	78.	11552.	107.48	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.127	2.127	2.362	1.892	0.11	0.332	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			133.94								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	20.	20.	20.	20.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	86.25	89.625	109.5	76.5	260.063	16.126	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.285	0.283	0.32	0.24	0.001	0.039	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	12	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	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: NACC0151

NPS Station ID: NACC0151
LAT/LON: 38.903615/ -77.080559
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC AT THREE SISTERS ISLAND
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D3 /D03 /P03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 0.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010002900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/76-12/02/76	2	14.5	14.5	27.	2.	312.5	17.678	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/23/76-06/23/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/76-12/02/76	2	65.	65.	120.	10.	6050.	77.782	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/23/76-12/02/76	2	10.4	10.4	12.8	8.	11.52	3.394	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.109	0.109	0.109	0.109	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/76-12/02/76	2	0.486	0.486	0.611	0.36	0.032	0.177	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/76-12/02/76	2	1.385	1.385	1.53	1.24	0.042	0.205	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/23/76-12/02/76	2	0.335	0.335	0.63	0.04	0.174	0.417	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/23/76-12/02/76	2	0.135	0.135	0.18	0.09	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/23/76-12/02/76	2	6.4	6.4	7.4	5.4	2.	1.414	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	12/02/76-12/02/76	1	26.2	26.2	26.2	26.2	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: NACC0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0152

NPS Station ID: NACC0152 | LAT/LON: 38.903615/ -77.084171 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: SPOUT RUN,WASH.,D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS07
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0098.00
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 0.620 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.60 | Distance from RF3: 0.08 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: SPOUT RUN,D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	134	17.65	16.504	32.3	1.5	80.519	8.973	4.6	7.05	24.725	27.45
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-02/27/84	3	0.3	0.5	1.	0.2	0.19	0.436	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	125	304.	307.304	581.	120.	6688.068	81.781	208.4	256.	347.5	403.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	134	8.95	9.264	14.9	1.5	6.497	2.549	6.75	7.7	11.325	12.75
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	120	7.9	7.948	8.8	7.2	0.132	0.363	7.5	7.7	8.275	8.49
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	120	7.9	7.81	8.8	7.2	0.151	0.389	7.5	7.7	8.275	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	120	0.013	0.016	0.063	0.002	0.	0.013	0.003	0.005	0.02	0.032
04378	WAVE STATE CODE	03/11/96-10/14/97	18	1000.	1055.556	2000.	1000.	55555.556	235.702	1000.	1000.	1000.	1100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0152

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	134	5	0.04	50	0	0.00	49	4	0.08	35	1	0.03			
00400	PH	Fresh Chronic	9.	120	0	0.00	46	0	0.00	44	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	120	0	0.00	46	0	0.00	44	0	0.00	30	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.1	10.733	18.7	6.4	47.723	6.908	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	230.	230.	305.	155.	11250.	106.066	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	11.	12.4	8.5	4.71	2.17	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	18.85	17.038	28.2	3.2	105.054	10.25	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	142.	181.	281.	120.	7621.	87.298	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	9.3	9.525	13.6	6.4	6.579	2.565	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.6	11.633	18.1	5.2	41.603	6.45	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	259.	271.	319.	235.	1872.	43.267	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.2	11.1	12.8	9.3	3.07	1.752	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.9	7.833	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	3	7.9	7.823	7.9	7.7	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	3	0.013	0.015	0.02	0.013	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 1986 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	18.3	15.255	28.9	1.5	122.717	11.078	1.66	4.6	27.1	28.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	328.	348.091	491.	252.	6591.691	81.189	255.4	282.	404.	487.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.5	7.882	13.5	1.5	15.802	3.975	1.68	6.	12.7	13.36
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	8.009	8.8	7.6	0.163	0.404	7.6	7.7	8.1	8.78
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.885	8.8	7.6	0.18	0.424	7.6	7.7	8.1	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.013	0.025	0.002	0.	0.008	0.002	0.008	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	11.35	14.325	29.1	2.5	99.622	9.981	2.8	6.075	26.	28.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	271.	276.75	458.	144.	6979.477	83.543	160.2	216.75	310.75	433.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.55	7.025	12.3	1.5	11.935	3.455	1.89	3.15	9.575	11.73
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.664	8.1	7.2	0.087	0.294	7.22	7.4	7.8	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.8	7.573	8.1	7.2	0.096	0.309	7.22	7.4	7.8	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.016	0.027	0.063	0.008	0.	0.018	0.008	0.016	0.04	0.061

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.55	17.62	30.7	5.3	66.386	8.148	5.74	11.2	24.425	30.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	346.	336.1	513.	167.	13487.656	116.136	168.	234.75	415.	509.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.15	9.	11.7	6.2	3.358	1.832	6.29	7.325	10.45	11.68
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.989	8.5	7.3	0.166	0.408	7.3	7.65	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.802	8.5	7.3	0.205	0.453	7.3	7.65	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.016	0.05	0.003	0.	0.017	0.003	0.005	0.026	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	14.4	15.191	26.6	2.2	88.591	9.412	2.44	5.3	24.6	26.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	320.	301.778	335.	216.	1613.944	40.174	216.	279.	334.	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.	9.836	13.5	7.8	3.435	1.853	7.82	8.1	11.	13.16
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	8.064	8.8	7.5	0.143	0.378	7.56	7.8	8.3	8.74
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.937	8.8	7.5	0.16	0.4	7.56	7.8	8.3	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.012	0.032	0.002	0.	0.009	0.002	0.005	0.016	0.028

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	19.6	16.591	27.1	5.1	71.949	8.482	5.2	5.6	24.1	26.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	253.5	256.3	315.	178.	1408.011	37.523	183.4	238.75	282.75	313.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.5	10.045	13.8	7.6	4.813	2.194	7.66	8.1	12.3	13.62
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.7	7.809	8.8	7.5	0.137	0.37	7.5	7.6	7.9	8.64
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.7	7.717	8.8	7.5	0.146	0.382	7.5	7.6	7.9	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.02	0.019	0.032	0.002	0.	0.01	0.003	0.013	0.025	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	21.4	29.3	9.8	56.68	7.529	9.8	14.4	29.1	29.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	365.	368.333	517.	256.	6894.	83.03	256.	298.5	419.	517.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	7.8	8.689	12.5	7.	3.269	1.808	7.	7.35	9.9	12.5
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.978	8.3	7.6	0.067	0.259	7.6	7.7	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.906	8.3	7.6	0.073	0.27	7.6	7.7	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.012	0.025	0.005	0.	0.008	0.005	0.006	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.7	15.809	26.9	3.4	66.823	8.175	3.94	7.7	23.9	26.74
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	304.	305.909	352.	258.	1077.091	32.819	258.6	280.	334.	351.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.4	10.164	13.6	7.7	3.879	1.969	7.78	8.1	11.6	13.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.873	8.3	7.3	0.104	0.323	7.36	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	11	7.9	7.763	8.3	7.3	0.117	0.343	7.36	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	11	0.013	0.017	0.05	0.005	0.	0.013	0.005	0.008	0.025	0.045

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	19.85	17.06	32.3	2.6	102.507	10.125	2.9	5.6	24.95	31.61
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	339.5	324.8	410.	173.	6783.733	82.363	175.7	271.25	400.5	409.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	8.8	9.81	14.9	6.4	6.899	2.627	6.53	7.925	12.175	14.68
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	8.022	8.6	7.4	0.194	0.441	7.4	7.6	8.45	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	7.9	7.841	8.6	7.4	0.232	0.481	7.4	7.6	8.45	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.013	0.014	0.04	0.003	0.	0.013	0.003	0.004	0.025	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.7	18.467	30.8	4.6	88.135	9.388	4.6	9.	26.6	30.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	326.	315.556	363.	244.	1610.028	40.125	244.	284.	349.	363.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.6	8.867	13.1	6.7	3.917	1.979	6.7	7.15	9.9	13.1
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	8.044	8.6	7.6	0.093	0.305	7.6	7.8	8.25	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.	7.957	8.6	7.6	0.101	0.318	7.6	7.8	8.25	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.01	0.011	0.025	0.003	0.	0.007	0.003	0.006	0.016	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	18.578	28.8	1.9	85.582	9.251	1.9	11.2	25.9	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	307.	357.889	581.	237.	13358.861	115.581	237.	270.	450.5	581.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.3	9.067	13.5	6.9	4.262	2.065	6.9	7.7	10.25	13.5
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	8.056	8.5	7.6	0.118	0.343	7.6	7.75	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.1	7.944	8.5	7.6	0.132	0.363	7.6	7.75	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.008	0.011	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.3	14.463	24.7	3.	84.634	9.2	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	255.5	263.5	344.	183.	3372.857	58.076	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.25	10.513	13.8	7.8	5.327	2.308	**	**	**	**
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	8	7.95	7.85	8.4	7.2	0.177	0.421	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	8	7.947	7.674	8.4	7.2	0.213	0.461	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	8	0.011	0.021	0.063	0.004	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	17.7	17.378	28.9	3.7	78.249	8.846	3.7	9.15	25.3	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	318.	301.111	401.	194.	4411.861	66.422	194.	237.	346.5	401.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.3	9.511	12.9	7.3	3.644	1.909	7.3	7.95	11.05	12.9
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.3	8.122	8.5	7.5	0.127	0.356	7.5	7.75	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	9	8.3	7.978	8.5	7.5	0.15	0.388	7.5	7.75	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	9	0.005	0.011	0.032	0.003	0.	0.01	0.003	0.004	0.018	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	50	24.95	24.446	32.3	14.4	18.212	4.268	18.1	22.625	27.025	29.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	337.	346.717	498.	225.	4219.807	64.96	270.4	308.75	387.	462.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	50	7.95	7.974	10.5	6.	0.951	0.975	6.7	7.3	8.7	9.29
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	46	8.	8.05	8.6	7.3	0.091	0.302	7.7	7.9	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	46	8.	7.945	8.6	7.3	0.102	0.32	7.7	7.9	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	46	0.01	0.011	0.05	0.003	0.	0.009	0.003	0.005	0.013	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	49	5.6	6.906	19.7	1.5	17.934	4.235	2.5	4.15	8.85	12.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	47	279.	285.447	517.	120.	6613.426	81.323	193.	239.	328.	400.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	49	11.9	10.894	14.9	1.5	10.293	3.208	4.2	9.95	12.8	13.6
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	44	7.8	7.873	8.8	7.2	0.126	0.355	7.45	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	44	7.8	7.745	8.8	7.2	0.143	0.378	7.45	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	44	0.016	0.018	0.063	0.002	0.	0.014	0.005	0.008	0.025	0.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	35	17.7	18.594	28.9	6.9	33.391	5.779	10.5	14.4	23.8	26.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	32	280.	282.75	581.	144.	7161.548	84.626	177.3	222.25	334.75	365.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	35	8.8	8.826	11.5	2.8	3.038	1.743	6.92	7.8	10.	11.38
00400	PH (STANDARD UNITS)	10/07/85-10/14/97	30	7.8	7.903	8.8	7.3	0.187	0.432	7.4	7.575	8.3	8.59
00400	CONVERTED PH (STANDARD UNITS)	10/07/85-10/14/97	30	7.8	7.739	8.8	7.3	0.214	0.463	7.4	7.575	8.3	8.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/85-10/14/97	30	0.016	0.018	0.05	0.002	0.	0.014	0.003	0.005	0.027	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0153

NPS Station ID: NACC0153
LAT/LON: 38.904448/ -77.055559
Agency: 1113MCST
Date Created: / /
Location: ROCK CREEK AT M STREET BRIDGE
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P22/P22 /022
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 02070010004003.03
RF3 Mile Point: 3.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	25.75	25.75	26.	25.5	0.083	0.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	8.8	8.775	8.9	8.6	0.016	0.126	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	7.35	7.35	13.4	1.3	73.205	8.556	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.375	7.338	7.6	7.	0.096	0.309	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/73-08/09/73	4	7.319	7.258	7.6	7.	0.104	0.323	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/73-08/09/73	4	0.048	0.055	0.1	0.025	0.001	0.037	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.549	0.542	0.577	0.493	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.785	0.795	0.89	0.72	0.007	0.083	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.045	0.05	0.08	0.03	0.	0.022	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	6.2	6.05	7.1	4.7	1.417	1.19	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	16.75	16.575	18.2	14.6	2.936	1.713	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	35000.	35000.	35000.	35000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	4.544	4.544	4.544	4.544	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35000.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	17700.	17700.	35000.	400.	598580000.	24465.895	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	3.573	3.573	4.544	2.602	1.886	1.373	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3741.657								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	9.	8.25	9.	6.	2.25	1.5	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.175	0.178	0.21	0.15	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0154

NPS Station ID: NACC0154
LAT/LON: 38.905004/ -77.055838
Agency: 21MDEXP
Date Created: 06/27/81
Location: M STREET BRIDGE-
FIPS State/County: 24990 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 73078750431281
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02070010003200.53
RF3 Mile Point: 2.02
Distance from RF3: 0.16
On/Off RF3:
Description:
M STREET BRIDGE-

Parameter Inventory for Station: NACC0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0155

NPS Station ID: NACC0155
LAT/LON: 38.905004/ -77.056115
Agency: 1113UPBA
Date Created: / /
Location: PO.R.-ROCK CREEK AT M ST.BR. DC
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POTOMAC 004 /004 /3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: CHESAPEAKE BAY-POTOMAC R.
ECO Region:
RF1 Index: 02070010035
RF1 Mile Point: 0.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.24
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/67-03/13/67	9	5.5	4.611	8.	0.	6.174	2.485	0.	2.75	6.25	8.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	9	23000.	249388.889	1609000.	500.271127111111.111		520698.676	500.	12000.	235500.	1609000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/23/67-03/13/67	9	4.362	4.591	6.207	2.699	1.03	1.015	2.699	4.078	5.334	6.207
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			39011.88								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	10	9000.	13810.	49000.	500.	234652111.111	15318.359	550.	2725.	23750.	46700.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	02/23/67-03/13/67	10	3.906	3.816	4.69	2.699	0.414	0.643	2.729	3.389	4.375	4.663
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6549.281								
31676	FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	9	2000.	11800.	70000.	100.	529337500.	23007.336	100.	550.	15000.	70000.
31676	LOG FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	02/23/67-03/13/67	9	3.301	3.323	4.845	2.	0.838	0.915	2.	2.628	4.103	4.845
31676	GM FECAL STREPTOCOCCI,MPN,KF BROTH,TUBE CONFIG.	GEOMETRIC MEAN =			2104.993								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0155

				Total	Exceed	Prop.	7/01-10/14			10/15-3/31			4/01-6/30			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	9	8	0.89				9	8	0.89						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9 &	9	1.00				9	9	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0156

NPS Station ID: NACC0156 | LAT/LON: 38.906393/ -77.092504 | Agency: 21DCBAWQ | Date Created: 10/28/86
Location: WINDY RUN WATERFALL , WASH.,D.C. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): PMS05
RMI-Indexes: 0214001 | Within Park Boundary: No
RMI-Miles: 0098.50
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010040 | RF1 Mile Point: 1.030 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02070010003201.47 | RF3 Mile Point: 1.59 | Distance from RF3: 0.04 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	132	17.3	16.47	31.9	1.9	79.395	8.91	4.7	7.05	24.7	27.14
00032	CLOUD COVER (PERCENT)	10/12/83-07/09/85	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-04/09/84	5	0.3	0.74	2.1	0.2	0.663	0.814	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	125	300.	305.312	588.	112.	7311.781	85.509	191.6	252.5	351.5	402.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	132	8.9	9.258	14.1	1.2	6.586	2.566	6.83	7.7	11.3	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	11/16/83-12/13/83	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	123	7.9	7.898	8.8	6.9	0.159	0.399	7.34	7.6	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	123	7.9	7.72	8.8	6.9	0.191	0.437	7.34	7.6	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	123	0.013	0.019	0.126	0.002	0.	0.02	0.004	0.006	0.025	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/13/83	3	90.	80.667	102.	50.	741.333	27.227	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/13/83	3	5.	17.	41.	5.	432.	20.785	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/83-12/13/83	2	0.321	0.321	0.326	0.316	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/13/83	3	0.108	0.102	0.118	0.081	0.	0.019	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/13/83	3	0.068	0.068	0.088	0.048	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/13/83	3	0.054	0.054	0.071	0.036	0.	0.018	**	**	**	**
04378	WAVE STATE CODE	03/11/96-10/14/97	18	1000.	1055.556	2000.	1000.	55555.556	235.702	1000.	1000.	1000.	1100.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-12/13/83	3	10.	22.333	54.	3.	764.333	27.647	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	132	5	0.04	50	0	0.00	47	4	0.09	35	1	0.03			
00400	PH	Fresh Chronic	9.	123	0	0.00	47	0	0.00	44	0	0.00	32	0	0.00			
		Other-Lo Lim.	6.5	123	0	0.00	47	0	0.00	44	0	0.00	32	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	1	0.33	1	0	0.00	2	1	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.2	10.6	18.1	6.5	42.31	6.505	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	243.	245.333	338.	155.	8376.333	91.522	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.	11.1	12.4	8.9	3.67	1.916	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.1	7.133	7.3	7.	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.1	7.116	7.3	7.	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	3	0.079	0.077	0.1	0.05	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	6	11.65	14.033	27.	3.	102.667	10.132	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	4	159.5	179.	278.	119.	4860.667	69.718	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	6	10.7	10.433	13.8	7.2	5.783	2.405	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	5	18.1	16.92	26.2	5.3	73.207	8.556	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	256.	269.667	320.	233.	2032.333	45.081	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	5	9.7	9.44	12.4	6.3	6.293	2.509	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.7	7.633	7.8	7.4	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	3	7.7	7.599	7.8	7.4	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	3	0.02	0.025	0.04	0.016	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	17.6	15.245	29.	2.	120.983	10.999	2.08	4.7	27.	28.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	327.	351.909	533.	252.	7904.091	88.905	255.2	282.	401.	521.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.4	7.909	13.5	1.2	16.737	4.091	1.44	5.7	12.7	13.46
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.909	8.8	7.3	0.205	0.453	7.34	7.5	8.1	8.76
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	7.8	7.744	8.8	7.3	0.235	0.484	7.34	7.5	8.1	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.016	0.018	0.05	0.002	0.	0.014	0.002	0.008	0.032	0.046

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	12	11.15	14.275	29.1	2.5	99.328	9.966	2.8	6.075	26.025	28.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	12	270.5	277.	457.	142.	6957.818	83.414	159.4	216.25	312.	432.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	12	7.6	7.008	12.2	1.5	11.741	3.426	1.86	3.35	9.8	11.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	12	7.7	7.567	8.	6.9	0.113	0.337	6.99	7.3	7.8	7.97
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	12	7.7	7.437	8.	6.9	0.132	0.363	6.99	7.3	7.8	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	12	0.02	0.037	0.126	0.01	0.001	0.033	0.011	0.016	0.05	0.107

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	17.55	17.69	30.7	5.3	66.761	8.171	5.73	11.475	24.45	30.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	10	347.	336.	511.	165.	13584.222	116.551	166.2	234.	415.5	508.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.15	9.04	11.7	6.3	3.292	1.814	6.37	7.375	10.4	11.66
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.944	8.5	7.1	0.193	0.439	7.1	7.65	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.713	8.5	7.1	0.253	0.503	7.1	7.65	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.01	0.019	0.079	0.003	0.001	0.025	0.003	0.006	0.026	0.079

** - Less than 9 observations ## - Computed with 50% or 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 NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	14.4	15.136	26.7	2.1	88.719	9.419	2.36	5.2	24.5	26.66
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	319.	302.444	339.	216.	1638.528	40.479	216.	280.	335.	339.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.	9.827	13.6	7.7	3.816	1.954	7.72	7.9	10.9	13.3
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	8.055	8.8	7.4	0.145	0.38	7.46	7.8	8.3	8.72
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	7.914	8.8	7.4	0.166	0.408	7.46	7.8	8.3	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.01	0.012	0.04	0.002	0.	0.011	0.002	0.005	0.016	0.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.2	16.2	26.6	5.1	76.813	8.764	5.15	5.675	24.25	26.41
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	256.	258.222	318.	181.	1540.444	39.248	181.	239.5	287.	318.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.55	10.15	13.9	7.7	5.312	2.305	7.73	8.075	12.575	13.79
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.8	7.82	8.8	7.5	0.151	0.388	7.5	7.5	7.925	8.72
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	10	7.8	7.717	8.8	7.5	0.162	0.403	7.5	7.5	7.925	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	10	0.016	0.019	0.032	0.002	0.	0.01	0.002	0.012	0.032	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	21.289	29.2	9.8	55.269	7.434	9.8	14.35	28.8	29.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	366.	366.111	516.	243.	7251.611	85.156	243.	297.	417.5	516.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	7.8	8.789	12.5	7.1	3.594	1.896	7.1	7.3	10.4	12.5
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.9	7.944	8.3	7.5	0.09	0.3	7.5	7.65	8.25	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	7.9	7.853	8.3	7.5	0.1	0.316	7.5	7.65	8.25	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.013	0.014	0.032	0.005	0.	0.01	0.005	0.006	0.023	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.7	15.682	26.4	3.4	65.882	8.117	3.92	7.6	23.9	26.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	310.	307.727	359.	258.	1041.218	32.268	259.6	284.	328.	357.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.6	10.355	13.6	7.6	4.213	2.052	7.7	8.3	11.9	13.42
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	7.882	8.2	7.3	0.098	0.312	7.34	7.6	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	11	8.	7.771	8.2	7.3	0.111	0.333	7.34	7.6	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	11	0.01	0.017	0.05	0.006	0.	0.014	0.006	0.006	0.025	0.046

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	21.6	18.144	31.9	2.6	95.48	9.771	2.6	8.5	24.95	31.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	344.	314.444	418.	145.	8553.278	92.484	145.	240.5	385.5	418.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.9	9.222	12.7	6.5	4.202	2.05	6.5	7.7	11.05	12.7
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	8	8.	8.063	8.7	7.6	0.166	0.407	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	8	8.	7.92	8.7	7.6	0.189	0.435	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	8	0.01	0.012	0.025	0.002	0.	0.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	19.4	18.156	29.9	4.7	83.638	9.145	4.7	8.75	26.1	29.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	328.	321.	363.	243.	1708.75	41.337	243.	287.5	356.	363.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.6	9.056	14.1	6.8	4.833	2.198	6.8	7.45	9.95	14.1
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	8.033	8.6	7.5	0.117	0.343	7.5	7.75	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.92	8.6	7.5	0.132	0.363	7.5	7.75	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.01	0.012	0.032	0.003	0.	0.009	0.003	0.005	0.018	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.1	18.511	28.6	1.9	84.691	9.203	1.9	11.1	25.85	28.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	310.	358.556	588.	239.	13479.528	116.101	239.	271.5	448.	588.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.3	9.078	13.5	7.1	4.374	2.092	7.1	7.55	10.3	13.5
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	8.044	8.5	7.6	0.118	0.343	7.6	7.75	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.	7.935	8.5	7.6	0.131	0.362	7.6	7.75	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.01	0.012	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.25	14.413	24.7	3.	84.341	9.184	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	255.	263.5	356.	182.	3568.286	59.735	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.25	10.588	13.8	7.9	5.438	2.332	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	8	7.9	7.837	8.4	7.3	0.171	0.414	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	8	7.9	7.674	8.4	7.3	0.202	0.449	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	8	0.013	0.021	0.05	0.004	0.	0.019	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	17.6	17.367	28.8	3.8	78.955	8.886	3.8	9.1	25.65	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	312.	285.333	398.	112.	7986.75	89.369	112.	216.	347.	398.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.3	9.322	12.6	7.	3.944	1.986	7.	7.5	11.1	12.6
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.3	8.133	8.5	7.6	0.113	0.335	7.6	7.75	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	9	8.3	8.009	8.5	7.6	0.13	0.36	7.6	7.75	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	9	0.005	0.01	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	50	25.	24.302	31.9	14.3	18.535	4.305	17.42	22.575	27.05	29.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	339.	344.413	533.	145.	5220.292	72.252	261.7	311.5	376.	461.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	50	7.85	7.96	10.6	5.7	1.018	1.009	6.81	7.175	8.725	9.47
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	47	8.	8.004	8.6	7.3	0.101	0.318	7.48	7.8	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	47	8.	7.884	8.6	7.3	0.116	0.341	7.48	7.8	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	47	0.01	0.013	0.05	0.003	0.	0.011	0.003	0.005	0.016	0.033

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	47	5.7	6.653	19.6	1.9	14.77	3.843	2.48	3.8	8.	11.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	279.5	284.565	516.	112.	7078.562	84.134	178.1	241.75	326.25	400.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	47	12.	10.926	14.1	1.2	10.659	3.265	4.06	10.1	12.7	13.64
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	44	7.8	7.811	8.8	7.	0.158	0.397	7.3	7.525	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	44	7.8	7.649	8.8	7.	0.185	0.43	7.3	7.525	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	44	0.016	0.022	0.1	0.002	0.	0.021	0.005	0.008	0.03	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	35	17.6	18.463	28.6	6.9	31.698	5.63	10.56	14.3	23.7	26.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	33	270.	279.727	588.	142.	7546.33	86.87	175.2	214.	334.5	365.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	35	8.9	8.871	11.8	3.	3.01	1.735	6.98	7.9	10.1	11.3
00400	PH (STANDARD UNITS)	10/12/83-10/14/97	32	7.75	7.859	8.8	6.9	0.228	0.477	7.3	7.525	8.3	8.57
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-10/14/97	32	7.747	7.635	8.8	6.9	0.279	0.529	7.3	7.525	8.3	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-10/14/97	32	0.018	0.023	0.126	0.002	0.001	0.025	0.003	0.005	0.03	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0157

NPS Station ID: NACC0157
Location: POTOMAC ABOVE WINDY RUN
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010
RF3 Index: 02070010004000.00
Description:

LAT/LON: 38.906948/ -77.093616
Depth of Water: 1
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.50

Agency: 1113MCST
FIPS State/County: 11000 DISTRICT OF COLU/
STORET Station ID(s): MC SITE SVY P04/P04 /004
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.00
Distance from RF3: 0.07

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: NACC0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	9	28.5	28.422	29.5	27.	0.567	0.753	27.	28.	29.	29.5
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	9	6.3	7.022	9.	6.	1.122	1.059	6.	6.2	7.8	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.3	3.3	3.5	3.1	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.825	6.825	7.	6.65	0.061	0.247	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.791	6.791	7.	6.65	0.064	0.252	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.162	0.162	0.224	0.1	0.008	0.088	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.765	0.776	0.879	0.696	0.006	0.076	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.13	0.153	0.23	0.12	0.003	0.053	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.015	0.02	0.01	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	11.3	11.525	14.3	9.2	4.509	2.123	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	23.35	23.35	24.6	22.1	1.043	1.021	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	460.	460.	790.	130.	217800.	466.69	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.506	2.506	2.898	2.114	0.307	0.554	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			320.468								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	24.5	24.5	40.	9.	480.5	21.92	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2 ##	1.278	1.278	1.602	0.954	0.21	0.458	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.974								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	89.25	88.125	112.5	61.5	444.563	21.085	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.31	0.305	0.34	0.26	0.002	0.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	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: NACC0158

NPS Station ID: NACC0158
LAT/LON: 38.906948/ -77.093616
Agency: 11121TWQ
Date Created: / /
Location: POTOMAC ABOVE WINDY RUN
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D4 /D04 /P04
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 1.130
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.50
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	31	25.	22.703	31.	2.	56.488	7.516	9.2	18.8	28.	29.98
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	11	10.	19.664	76.	1.9	500.173	22.365	2.4	6.	29.	69.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/03/79-09/24/80	14	10.25	32.736	135.	4.	1834.616	42.832	5.5	8.95	40.	128.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	11	22.	26.636	108.	6.	790.655	28.119	6.4	10.	26.	92.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/03/79-09/15/81	19	0.64	0.626	1.31	0.18	0.099	0.314	0.23	0.3	0.8	1.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/79-09/15/81	10	300.	303.	380.	194.	5304.	72.829	194.6	237.5	377.75	380.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/23/80-09/15/81	5	7.9	7.88	9.8	5.9	2.507	1.583	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	29	9.	9.103	14.	6.5	3.524	1.877	7.1	7.9	9.85	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	05/03/79-09/15/81	18	1.6	1.661	3.7	0.4	0.827	0.91	0.49	1.075	2.2	3.16
00399	OXYGEN,DISSOLVED,LIMITS VIOLATED,PERCENT OF TIME,%	07/31/79-07/31/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/80-09/15/81	6	7.75	7.882	8.88	7.1	0.394	0.628	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/80-09/15/81	6	7.725	7.593	8.88	7.1	0.494	0.703	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/80-09/15/81	6	0.019	0.026	0.079	0.001	0.001	0.029	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/23/80-07/23/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	16 ##	0.02	0.042	0.153	0.02	0.001	0.036	0.02	0.02	0.057	0.11
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	11	0.065	0.078	0.145	0.022	0.002	0.044	0.023	0.044	0.124	0.144
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	21 ##	0.01	0.01	0.025	0.005	0.	0.006	0.005	0.005	0.013	0.021
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	21	0.77	0.744	1.4	0.02	0.144	0.379	0.184	0.53	1.09	1.292
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/03/79-09/15/81	14	0.308	0.302	0.521	0.1	0.012	0.11	0.1	0.261	0.357	0.461
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	32	0.445	0.464	0.829	0.1	0.027	0.163	0.313	0.335	0.57	0.708
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	12	0.76	0.713	1.52	0.001	0.275	0.525	0.006	0.105	1.21	1.436
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-10/09/79	24	0.295	0.346	1.06	0.05	0.054	0.232	0.14	0.185	0.45	0.675
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/03/79-10/09/79	6	0.145	0.137	0.18	0.09	0.002	0.039	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	12	0.03	0.07	0.23	0.01	0.006	0.076	0.013	0.02	0.1	0.224
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/80-09/15/81	8	0.067	0.084	0.19	0.056	0.002	0.045	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/23/80-09/15/81	8	0.036	0.046	0.088	0.024	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/80-09/15/81	9	0.022	0.031	0.079	0.004	0.001	0.028	0.004	0.013	0.056	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	23	5.	5.722	13.	1.6	6.116	2.473	3.	4.	7.4	8.68
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/03/79-08/14/79	4	2.35	2.5	3.8	1.5	0.913	0.956	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	01/14/74-07/31/79	12	24.35	23.425	30.3	16.	22.177	4.709	16.12	19.425	26.55	30.06
01046	IRON, DISSOLVED (UG/L AS FE)	07/31/79-07/31/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/31/79-10/09/79	6	3165.	2990.167	3930.	1940.	467416.167	683.678	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	08/07/79-10/09/79	2	46137.5	46137.5	92000.	275.	4206737812.5	64859.37	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	08/07/79-10/09/79	2	3.702	3.702	4.964	2.439	3.186	1.785	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			5029.911								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	1660.	1660.	3300.	20.	5379200.	2319.31	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/79-10/09/79	2	2.41	2.41	3.519	1.301	2.459	1.568	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.905								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: NACC0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32230	CHLOROPHYLL A (MG/L)	05/03/79-10/09/79	10	0.01	0.022	0.078	0.003	0.001	0.025	0.003	0.006	0.038	0.075
71889	PHOSPHATE, ORTHO, SOLUBLE, AS PO4 (MG/L)	05/03/79-10/09/79	12	0.069	0.093	0.296	0.02	0.007	0.086	0.02	0.02	0.147	0.256

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	6	1	0.17	2	0	0.00	3	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	14	3	0.21	10	2	0.20				4	1	0.25			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	4	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	29	0	0.00	17	0	0.00	3	0	0.00	9	0	0.00			
00400	PH	Fresh Chronic	9.	6	0	0.00	5	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	21	0	0.00	15	0	0.00				6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	21	0	0.00	15	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	20	26.35	25.975	31.	14.	17.929	4.234	17.69	24.85	29.	30.45
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	17	8.2	8.512	11.4	6.5	1.93	1.389	6.74	7.5	9.35	11.08
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	21	0.461	0.472	0.829	0.1	0.032	0.18	0.286	0.336	0.582	0.805
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	13	4.9	5.615	13.	2.8	7.575	2.752	3.	3.8	6.5	11.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	3	3.	4.333	8.	2.	10.333	3.215	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	3	13.7	13.3	14.	12.2	0.93	0.964	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	3	0.556	0.492	0.589	0.331	0.02	0.14	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	3	6.9	6.233	7.8	4.	3.943	1.986	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/15/81	8	21.5	21.413	28.	17.1	13.364	3.656	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-08/19/81	9	9.	8.822	10.1	7.4	0.804	0.897	7.4	7.9	9.5	10.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/15/81	8	0.382	0.433	0.702	0.313	0.018	0.135	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/24/80	7	6.4	5.7	8.5	1.6	5.807	2.41	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0159

NPS Station ID: NACC0159
LAT/LON: 38.909726/ -77.050837
Agency: 21DCBAWQ
Date Created: 07/09/88
Location: ROCK CREEK AT P STREET WASH.,D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 4.20
On/Off RF1:
RF3 Index: 02070010003600.00
RF3 Mile Point: 3.62
Distance from RF3: 0.08
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROCK CREEK,AT P STREET,NORTH WEST,BY PARK AREA IN WASHINGTON,D.C.. PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0159

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: NACC0160

NPS Station ID: NACC0160 LAT/LON: 38.911115/ -77.100281 Agency: 21DCBAWQ Date Created: 10/28/86
Location: FLETCHERS BOAT HOUSE SOUTH WASH.D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PMS03
RMI-Indexes: 0214001 Within Park Boundary: No
RMI-Miles: 0099.00
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 1.620 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010002900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.14 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: FLETCHERS BOATHOUSE SOUTH WASH.D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	126	17.5	16.772	31.8	2.	78.006	8.832	4.47	7.75	24.7	27.5
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	10	78.5	57.2	100.	0.	2306.178	48.023	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-10/15/90	4	0.6	0.525	0.9	0.	0.203	0.45	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	118	312.	318.593	843.	150.	8874.756	94.206	222.4	258.5	359.25	412.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	126	8.95	9.198	13.9	0.7	6.836	2.615	6.9	7.6	11.25	12.73
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	114	7.9	7.907	8.8	6.9	0.148	0.385	7.4	7.6	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	114	7.9	7.74	8.8	6.9	0.177	0.42	7.4	7.6	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	114	0.013	0.018	0.126	0.002	0.	0.018	0.004	0.006	0.025	0.04
04378	WAVE STATE CODE	03/11/96-10/14/97	18	1000.	1055.556	2000.	1000.	55555.556	235.702	1000.	1000.	1000.	1100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0160

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	126	5	0.04	50	0	0.00	44	4	0.09	32	1	0.03			
00400	PH	Fresh Chronic	9.	114	0	0.00	46	0	0.00	40	0	0.00	28	0	0.00			
		Other-Lo Lim.	6.5	114	0	0.00	46	0	0.00	40	0	0.00	28	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	7.2	10.567	18.	6.5	41.563	6.447	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	2	233.	233.	316.	150.	13778.	117.38	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	12.1	11.1	12.4	8.8	3.99	1.997	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	7	23.3	18.629	28.2	3.1	97.772	9.888	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	175.	199.	272.	150.	4153.	64.444	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	7	8.4	9.4	13.8	6.8	6.743	2.597	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	3	11.6	11.7	18.2	5.3	41.61	6.451	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	3	255.	269.667	320.	234.	2010.333	44.837	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	3	11.8	11.267	12.5	9.5	2.463	1.57	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	2	7.75	7.75	7.9	7.6	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	2	7.725	7.725	7.9	7.6	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	2	0.019	0.019	0.025	0.013	0.	0.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	17.2	15.245	29.	2.1	120.311	10.969	2.18	4.8	27.	28.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	328.	352.364	538.	252.	8197.855	90.542	255.	282.	404.	525.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	7.7	7.991	13.6	1.4	16.201	4.025	1.58	5.8	12.5	13.52
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	11	7.8	7.873	8.7	7.3	0.2	0.447	7.32	7.5	8.1	8.68
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	11	7.8	7.711	8.7	7.3	0.229	0.479	7.32	7.5	8.1	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	11	0.016	0.019	0.05	0.002	0.	0.015	0.002	0.008	0.032	0.048

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	14.3	14.733	29.1	2.6	101.535	10.076	2.6	5.7	25.7	29.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	278.	291.556	459.	199.	7090.278	84.204	199.	220.	343.5	459.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	6.5	5.878	10.3	0.7	12.979	3.603	0.7	2.3	9.1	10.3
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	7.6	7.522	8.1	6.9	0.142	0.377	6.9	7.2	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	7.6	7.378	8.1	6.9	0.165	0.406	6.9	7.2	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.025	0.042	0.126	0.008	0.001	0.037	0.008	0.016	0.063	0.126

** - Less than 9 observations ## - Computed with 50% or 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 NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	21.	18.233	30.5	5.3	68.753	8.292	5.3	11.	24.8	30.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	374.	355.333	512.	177.	11315.75	106.376	177.	276.	438.5	512.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	8.844	11.6	6.6	2.953	1.718	6.6	7.3	10.4	11.6
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	8	8.05	7.963	8.3	7.4	0.074	0.272	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	8	8.047	7.873	8.3	7.4	0.083	0.288	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	8	0.009	0.013	0.04	0.005	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	14.4	15.155	26.5	2.2	87.471	9.353	2.44	5.3	24.5	26.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	321.	302.778	341.	217.	1671.694	40.886	217.	279.	335.5	341.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	10.1	9.809	13.4	7.5	3.679	1.918	7.54	8.	11.1	13.1
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.2	8.1	8.6	7.3	0.15	0.387	7.4	7.8	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.2	7.925	8.6	7.3	0.184	0.429	7.4	7.8	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	11	0.006	0.012	0.05	0.003	0.	0.014	0.003	0.005	0.016	0.043

** - Less than 9 observations ## - Computed with 50% or 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 NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	10	18.25	16.2	26.6	5.1	76.304	8.735	5.16	5.7	24.225	26.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	256.	258.556	320.	180.	1559.778	39.494	180.	240.	287.	320.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	10	9.65	10.21	13.9	7.6	5.45	2.334	7.65	8.1	12.825	13.8
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	10	7.75	7.79	8.8	7.4	0.165	0.407	7.41	7.5	7.925	8.72
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	10	7.747	7.677	8.8	7.4	0.18	0.424	7.41	7.5	7.925	8.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	10	0.018	0.021	0.04	0.002	0.	0.012	0.002	0.012	0.032	0.039

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	21.1	28.9	9.9	53.5	7.314	9.9	14.1	28.55	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	372.	368.889	517.	255.	6878.611	82.937	255.	298.5	417.	517.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	7.8	8.722	12.4	7.1	3.407	1.846	7.1	7.35	10.25	12.4
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	7.9	7.911	8.2	7.5	0.069	0.262	7.5	7.65	8.15	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	7.9	7.839	8.2	7.5	0.074	0.273	7.5	7.65	8.15	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.013	0.014	0.032	0.006	0.	0.009	0.006	0.007	0.023	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	11	15.7	15.736	26.4	3.5	65.777	8.11	4.	7.6	23.9	26.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	11	310.	306.091	358.	259.	1014.691	31.854	260.4	284.	326.	356.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	11	9.8	10.482	13.8	7.6	4.612	2.147	7.72	8.3	12.4	13.64

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.	7.864	8.2	7.4	0.085	0.291	7.42	7.5	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	11	8.	7.772	8.2	7.4	0.094	0.306	7.42	7.5	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	11	0.01	0.017	0.04	0.006	0.	0.012	0.006	0.008	0.032	0.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	21.6	18.211	31.8	2.7	94.694	9.731	2.7	8.5	25.	31.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	345.	390.667	843.	183.	33515.	183.071	183.	307.	409.5	843.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.9	9.411	13.4	6.4	5.664	2.38	6.4	7.55	11.8	13.4
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	8	7.85	7.863	8.5	7.1	0.288	0.537	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	8	7.847	7.6	8.5	7.1	0.367	0.606	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	8	0.014	0.025	0.079	0.003	0.001	0.027	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	21.05	19.75	29.8	5.8	65.506	8.094	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	357.5	338.75	372.	281.	1176.5	34.3	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	8.5	8.35	10.1	6.9	1.169	1.081	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	8	8.05	8.075	8.5	7.7	0.079	0.282	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	8	8.047	8.001	8.5	7.7	0.086	0.292	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	8	0.009	0.01	0.02	0.003	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	20.	18.511	28.4	2.	83.596	9.143	2.	11.15	25.85	28.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	310.	361.778	588.	239.	13494.694	116.167	239.	274.	454.5	588.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	8.4	9.089	13.4	7.1	4.511	2.124	7.1	7.45	10.35	13.4
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.	8.033	8.5	7.6	0.125	0.354	7.6	7.7	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.	7.919	8.5	7.6	0.14	0.374	7.6	7.7	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.01	0.012	0.025	0.003	0.	0.008	0.003	0.004	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	8	15.25	14.4	24.7	3.	84.057	9.168	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	8	255.	263.	357.	182.	3506.286	59.214	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	8	10.25	10.563	13.6	8.	4.763	2.182	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	8	7.95	7.825	8.3	7.2	0.176	0.42	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	8	7.947	7.646	8.3	7.2	0.213	0.462	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	8	0.011	0.023	0.063	0.005	0.	0.022	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	9	17.5	17.367	28.8	3.7	79.425	8.912	3.7	9.05	25.65	28.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	9	313.	299.889	394.	194.	4159.861	64.497	194.	238.5	346.5	394.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	9	9.4	9.344	12.7	7.	4.165	2.041	7.	7.55	11.2	12.7
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.3	8.133	8.5	7.6	0.113	0.335	7.6	7.75	8.35	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	9	8.3	8.009	8.5	7.6	0.13	0.36	7.6	7.75	8.35	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	9	0.005	0.01	0.025	0.003	0.	0.008	0.003	0.004	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	50	25.05	24.252	31.8	14.3	18.149	4.26	17.43	22.4	27.05	28.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	46	340.5	359.717	843.	230.	9769.674	98.842	271.1	312.5	386.	478.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	50	8.05	7.996	10.4	5.8	0.953	0.976	6.9	7.275	8.65	9.37
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	46	8.	8.	8.5	7.2	0.088	0.297	7.67	7.8	8.225	8.43
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	46	8.	7.895	8.5	7.2	0.1	0.316	7.67	7.8	8.225	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	46	0.01	0.013	0.063	0.003	0.	0.011	0.004	0.006	0.016	0.022

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	44	5.7	6.77	19.7	2.	15.441	3.929	2.55	3.625	9.225	12.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	42	281.5	293.	517.	150.	6303.707	79.396	206.2	245.75	327.25	402.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	44	12.05	10.9	13.9	1.4	11.126	3.336	3.45	10.15	12.875	13.6
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	40	7.8	7.83	8.8	7.1	0.154	0.392	7.3	7.5	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	40	7.8	7.673	8.8	7.1	0.179	0.424	7.3	7.5	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	40	0.016	0.021	0.079	0.002	0.	0.018	0.005	0.008	0.032	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-10/14/97	32	18.25	18.838	28.4	8.9	27.81	5.273	11.32	15.15	23.65	26.31
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-10/14/97	30	286.	291.367	588.	175.	7334.999	85.645	180.2	239.5	342.	371.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-10/14/97	32	8.75	8.738	11.8	0.7	3.964	1.991	7.23	7.8	10.075	11.17
00400	PH (STANDARD UNITS)	07/09/84-10/14/97	28	7.8	7.864	8.7	6.9	0.226	0.475	7.3	7.5	8.3	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/09/84-10/14/97	28	7.8	7.641	8.7	6.9	0.278	0.527	7.3	7.5	8.3	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/84-10/14/97	28	0.016	0.023	0.126	0.002	0.001	0.025	0.003	0.005	0.032	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0161

NPS Station ID: NACC0161
LAT/LON: 38.912504/ -77.101392
Agency: 1113MCST
Date Created: / /
Location: NEAR BEECHWOOD HILLS
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P05/P05 /005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.36
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	8	28.5	28.5	29.	28.	0.214	0.463	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	7	7.2	7.414	8.6	6.6	0.718	0.847	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.35	3.35	3.4	3.3	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	2	7.	7.	7.1	6.9	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	2	6.989	6.989	7.1	6.9	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	2	0.103	0.103	0.126	0.079	0.001	0.033	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.788	0.784	0.843	0.715	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.16	0.163	0.21	0.12	0.002	0.044	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	9.55	9.575	11.9	7.3	3.529	1.879	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	22.25	22.35	25.6	19.3	6.67	2.583	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	245.	245.	260.	230.	450.	21.213	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	2.388	2.388	2.415	2.362	0.001	0.038	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			244.54								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	1.278	1.278	1.301	1.255	0.001	0.032	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.974								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	85.5	88.125	112.5	69.	420.563	20.508	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.3	0.298	0.33	0.26	0.001	0.03	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: NACC0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	7	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	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: NACC0162

NPS Station ID: NACC0162
LAT/LON: 38.913948/ -76.982753
Agency: 21DCBAWQ
Date Created: 09/28/96
Location: ANACOSTIA AQUATIC GARDENS D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): AAG01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010059601.50
RF3 Mile Point: 4.50
Distance from RF3: 0.21
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ANACOSTIA AQUATIC GARDENS OPEN MARSH 50M INSIDE KENIWORTH MARSH FROM ANACOSTIA. PARTICIPATING AGENCY: D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0163

NPS Station ID: NACC0163
LAT/LON: 38.914449/ -77.102782
Agency: 21DCBAWQ
Date Created: 06/18/88
Location: FLETCHER'S BOATHOUSE SOUTH
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PMS02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002200.58
RF3 Mile Point: 2.76
Distance from RF3: 0.02
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-WATER HYGIENE BRANCH STATION LOCATION:D.C. FLECTHER'S BOATHOUSE SOUTH
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATING AFFAIRS

Parameter Inventory for Station: NACC0163

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: NACC0164

NPS Station ID: NACC0164 LAT/LON: 38.915698/ -77.059754 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/IX/02
RMI-Indexes: 0214001 002700 00030 Within Park Boundary: No
RMI-Miles: 0112.80 0001.50 000.01
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 1.260 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 2.45 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	19.25	19.25	20.	18.5	1.125	1.061	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	20.1	20.1	20.2	20.	0.02	0.141	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	2	0.087	0.087	0.125	0.05	0.003	0.053	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/20/71-07/21/71	2	57150.	57150.	110000.	4300.	5586245000.	74741.187	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/20/71-07/21/71	2	4.337	4.337	5.041	3.633	0.991	0.996	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21748.563								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	2	900.	900.	900.	900.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/20/71-07/21/71	2	2.954	2.954	2.954	2.954	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			900.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/20/71	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/20/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1000.								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0165

NPS Station ID: NACC0165 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A1
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101001.1 /A-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003202.39 RF3 Mile Point: 2.78 Distance from RF3: 0.06 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM WESTERN SHORE

Parameter Inventory for Station: NACC0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0166

NPS Station ID: NACC0166
LAT/LON: 38.916670/ -77.100003
Agency: 31POTOMA
Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A2
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101001.2 /A-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 49
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 2.020
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 1.98
Distance from RF3: 0.11
On/Off RF3:
Description:
TRANSECT STATION LOCATED AT MID-CHANNEL

Parameter Inventory for Station: NACC0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0167

NPS Station ID: NACC0167 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A8
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101001.8 /A-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 16 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED 50 FEET FROM EASTERN SHORE

Parameter Inventory for Station: NACC0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0168

NPS Station ID: NACC0168 LAT/LON: 38.916670/ -77.100003 Agency: 31POTOMA Date Created: 01/24/81
Location: POTOMAC AT FLETCHER'S BOATHOUSE TRANS A9
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 101001.9 /A-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 3 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010040 RF1 Mile Point: 2.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010004000.00 RF3 Mile Point: 1.98 Distance from RF3: 0.11 On/Off RF3:
Description:
TRANSECT STATION LOCATED 10 FEET FROM EASTERN SHORE

Parameter Inventory for Station: NACC0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0169

NPS Station ID: NACC0169
LAT/LON: 38.917504/ -77.104171
Agency: 1113MCST
Date Created: / /
Location: OPP DC TRIBUTARY
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MC SITE SVY P06/P06 /006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.58
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/73-08/09/73	4	28.5	28.5	29.	28.	0.167	0.408	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/73-08/09/73	4	7.25	7.525	8.6	7.	0.529	0.727	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/73-08/09/73	2	3.1	3.1	3.7	2.5	0.72	0.849	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/73-08/08/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/73-08/08/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/73-08/08/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/73-08/09/73	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/73-08/09/73	4	0.746	0.765	0.888	0.678	0.008	0.092	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/73-08/09/73	4	0.17	0.17	0.22	0.12	0.002	0.042	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/06/73-08/09/73	4	0.02	0.018	0.02	0.01	0.	0.005	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/73-08/09/73	4	10.1	10.05	11.3	8.7	1.37	1.17	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/06/73-08/09/73	4	22.5	22.95	25.2	21.6	2.857	1.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/06/73-08/07/73	2	2000.	2000.	2600.	1400.	720000.	848.528	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/06/73-08/07/73	2	3.281	3.281	3.415	3.146	0.036	0.19	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1907.878								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	247.5	247.5	450.	45.	82012.5	286.378	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/06/73-08/07/73	2	2.153	2.153	2.653	1.653	0.5	0.707	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			142.302								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	08/06/73-08/09/73	4	102.75	97.875	124.5	61.5	858.563	29.301	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/06/73-08/09/73	4	0.3	0.3	0.33	0.27	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0170

NPS Station ID: NACC0170
LAT/LON: 38.917504/ -77.104171
Agency: 11121TWQ
Date Created: / /
Location: PO.R. OPPOSITE D.C. TRIBUTARY
FIPS State/County: 11000 DISTRICT OF COLU/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): POT-CONS-D6 /D06 /P06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 1
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 2.310
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010004000.00
RF3 Mile Point: 0.36
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	21	27.	23.286	29.	2.	66.814	8.174	4.1	24.	28.	28.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/14/74-06/23/76	10	14.75	25.16	110.	1.6	1075.923	32.801	1.79	4.25	35.375	103.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/80-09/10/80	5	5.8	5.82	7.2	4.7	1.042	1.021	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/14/74-12/02/76	10	20.	25.7	108.	4.	893.789	29.896	4.4	9.5	24.5	99.8
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	25	8.	8.668	14.1	6.8	3.154	1.776	7.2	7.7	9.25	12.12
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/80-09/16/81	12	1.65	1.825	3.6	0.5	0.955	0.977	0.5	1.1	2.375	3.51
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	12	0.057	0.049	0.08	0.01	0.001	0.024	0.01	0.025	0.067	0.077
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/74-06/23/76	10	0.069	0.076	0.155	0.022	0.002	0.042	0.023	0.039	0.109	0.151
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	15	0.01	0.009	0.013	0.005	0.	0.003	0.005	0.005	0.012	0.013
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/30/80-09/16/81	15	0.46	61.451	914.	0.03	55625.654	235.851	0.162	0.36	0.89	366.434
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/06/80-09/16/81	13	0.392	0.414	0.722	0.24	0.018	0.132	0.245	0.335	0.503	0.658
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	24	0.504	0.539	0.986	0.311	0.025	0.158	0.358	0.423	0.612	0.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/74-12/02/76	11	0.72	0.713	1.51	0.03	0.281	0.53	0.03	0.07	1.21	1.456
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/14/74-12/02/76	11	0.24	0.383	0.93	0.05	0.079	0.281	0.068	0.19	0.66	0.892
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/14/74-12/02/76	11	0.02	0.054	0.26	0.01	0.005	0.072	0.012	0.02	0.06	0.226
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/30/80-09/16/81	15	0.072	0.084	0.208	0.054	0.002	0.039	0.058	0.065	0.076	0.167
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/80-09/16/81	15	0.038	0.043	0.094	0.02	0.	0.022	0.021	0.023	0.052	0.086
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/30/80-09/16/81	15	0.021	0.028	0.08	0.004	0.001	0.025	0.004	0.004	0.036	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	19	5.5	5.705	13.2	2.1	5.421	2.328	3.1	4.1	6.7	7.3
00690	CARBON, TOTAL (MG/L AS C)	01/14/74-12/02/76	10	22.05	22.54	28.2	15.5	19.949	4.466	15.76	18.85	27.15	28.17
32230	CHLOROPHYLL A (MG/L)	12/02/76-12/02/76	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: NACC0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	5	1	0.20	2	0	0.00	3	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0	0.00	5	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	17	0	0.00	3	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	15	0	0.00	13	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	15	1	0.07	13	0	0.00				2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	14	27.25	26.821	29.	24.	3.562	1.887	24.	24.375	28.125	29.
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	17	7.7	7.876	9.6	6.8	0.398	0.631	7.12	7.55	8.2	8.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	17	0.486	0.531	0.986	0.311	0.032	0.179	0.325	0.406	0.6	0.896
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	13	5.1	5.546	13.2	2.1	7.696	2.774	2.5	3.7	6.8	10.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	3	3.	4.5	8.5	2.	12.25	3.5	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	3	12.6	12.833	14.1	11.8	1.363	1.168	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	3	0.536	0.512	0.597	0.403	0.01	0.099	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	3	5.5	5.767	7.2	4.6	1.743	1.32	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/74-09/16/81	4	25.	25.	28.	22.	6.667	2.582	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/74-09/16/81	5	8.9	8.86	10.	7.8	0.928	0.963	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/14/74-09/16/81	4	0.614	0.596	0.686	0.469	0.011	0.103	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/14/74-09/17/80	3	6.2	6.333	6.7	6.1	0.103	0.321	**	**	**	**

** - Less than 9 observations ## - Computed 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: NACC0171

NPS Station ID: NACC0171
LAT/LON: 38.917781/ -77.105004
Agency: 21DCBAWQ
Date Created: 09/13/86
Location: FLETCHERS BOAT HOUSE WASH.D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): PMS01
RMI-Indexes: 0214001
Within Park Boundary: No
RMI-Miles: 0099.50
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 2.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02070010002900.85
RF3 Mile Point: 3.44
Distance from RF3: 0.07
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-DC WATER HYGIENE BRANCH STATION LOCATION: FLETCHERS BOAT HOUSE D. C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	491	20.4	18.883	31.5	0.2	61.691	7.854	6.02	13.7	25.7	28.3
00032	CLOUD COVER (PERCENT)	10/12/83-09/04/84	11	100.	61.091	100.	0.	2242.091	47.351	0.	0.	100.	100.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	136	0.9	1.059	3.6	0.	0.587	0.766	0.2	0.4	1.4	2.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	473	313.	319.258	582.	9.	6378.137	79.863	230.	263.5	363.	420.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	490	8.4	8.994	18.1	1.9	4.757	2.181	7.	7.7	10.1	12.49
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	139	1.	1.299	4.4	0.	0.826	0.909	0.5	0.5	1.8	2.4
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	470	7.9	7.841	8.8	6.4	0.194	0.44	7.21	7.6	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	470	7.9	7.6	8.8	6.4	0.252	0.502	7.21	7.6	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	470	0.013	0.025	0.398	0.002	0.001	0.036	0.004	0.008	0.025	0.062
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	153	78.	79.216	124.	0.	436.67	20.897	52.8	66.	92.5	107.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	101	9.	21.627	650.	0.02	4332.388	65.821	0.2	2.	20.	42.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	130	0.02	0.047	0.36	0.	0.002	0.046	0.02	0.02	0.061	0.098
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	115	0.01	0.037	2.8	0.005	0.068	0.261	0.005	0.005	0.016	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	102	1.31	1.243	2.08	0.05	0.188	0.434	0.562	0.978	1.55	1.777
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	73	0.429	0.54	2.33	0.1	0.162	0.402	0.139	0.294	0.655	0.999
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/95-08/14/95	1	2.49	2.49	2.49	2.49	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/12/96-12/08/97	16	1.15	1.244	3.5	0.3	0.659	0.812	0.37	0.55	1.6	2.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	71	0.072	0.108	0.466	0.018	0.009	0.094	0.037	0.056	0.114	0.245
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	70	0.049	0.057	0.24	0.005	0.002	0.042	0.015	0.032	0.076	0.104
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	110	0.024	0.029	0.095	0.	0.	0.022	0.004	0.013	0.042	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	91	4.2	4.695	15.	0.	5.513	2.348	2.32	3.2	5.5	7.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	106	3.85	3.739	7.9	0.	1.955	1.398	1.9	2.875	4.525	5.59
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	151	130.	135.093	228.	0.	1424.258	37.739	92.4	112.	162.	185.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/83-12/13/83	3	48.	44.	52.	32.	112.	10.583	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	108	2.5	2.386	8.3	0.05	2.126	1.458	0.4	1.325	3.2	3.81
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/14/86-10/01/91	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/03/94-01/09/95	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	28 ##	2.5	2.571	6.	1.	0.532	0.729	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	28 ##	5.	7.679	34.5	2.5	57.763	7.6	5.	5.	5.	15.8
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	28 ##	12.5	10.75	13.	5.	9.806	3.131	5.	10.	12.5	12.55
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	28	513.	931.375	4737.5	168.	992244.604	996.115	196.	273.	1576.	2151.3
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	28 ##	25.	19.464	25.	2.5	95.536	9.774	2.5	10.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	27	54.	294.926	3854.	5.	581754.148	762.728	9.2	20.	260.	719.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-01/09/95	21 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
04378	WAVE STATE CODE	02/12/96-12/08/97	51	1000.	1058.824	3000.	1000.	96470.588	310.597	1000.	1000.	1000.	1000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	89	404.	8043.478	240000.	10.	957517927.67	30943.787	40.	190.	2115.5	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	89	2.606	2.816	5.38	1.	0.818	0.904	1.602	2.279	3.325	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			653.966								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	96	90.	578.25	10000.	10.	2107458.8	1451.709	10.	20.	400.5	1560.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	96	1.952	2.003	4.	1.	0.685	0.828	1.	1.301	2.603	3.192
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			100.67								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	22	300.	880.909	4500.	0.	1364741.991	1168.222	0.	15.	1350.	2620.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/14/90-04/13/92	22	2.473	2.127	3.653	0.	1.688	1.299	0.	0.976	3.123	3.417
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			133.93								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	23	2400.	7078.261	47200.	0.	115612687.747	10752.334	0.	300.	10200.	18440.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	05/14/90-04/13/92	23	3.38	2.847	4.674	0.	2.617	1.618	0.	2.477	4.009	4.265
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			702.408								
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/12/84-03/12/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/16/83-11/17/86	22	2.5	6.091	34.	0.	73.753	8.588	0.15	0.5	7.75	21.2
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/12/83-11/17/86	23	2.	7.13	31.	0.	90.346	9.505	0.2	0.5	13.	23.6
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	28 ##	0.1	0.164	1.8	0.1	0.103	0.321	0.1	0.1	0.1	0.11
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	152	10.	28.454	360.	0.	2776.952	52.697	5.	7.	24.75	66.

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EPA Water Quality Criteria Analysis for Station: NACC0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	490	7	0.01	225	0	0.00	106	7	0.07	159	0	0.00			
00400	PH	Fresh Chronic	9.	470	0	0.00	217	0	0.00	100	0	0.00	153	0	0.00			
		Other-Lo Lim.	6.5	470	1	0.00	217	0	0.00	100	1	0.01	153	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	115	1	0.01	37	1	0.03	50	0	0.00	28	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	102	0	0.00	33	0	0.00	44	0	0.00	25	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	16	0	0.00	4	0	0.00	6	0	0.00	6	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
		Drinking Water	50.	15	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	28	1	0.04	10	0	0.00	11	1	0.09	7	0	0.00			
		Drinking Water	5.	28	1	0.04	10	0	0.00	11	1	0.09	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
		Drinking Water	1300.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
		Drinking Water	15.	7 &	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	27	8	0.30	9	6	0.67	11	1	0.09	7	1	0.14			
		Drinking Water	5000.	27	0	0.00	9	0	0.00	11	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	21	0	0.00	7	0	0.00	10	0	0.00	4	0	0.00			
		Drinking Water	50.	21	0	0.00	7	0	0.00	10	0	0.00	4	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	88 &	30	0.34	29	10	0.34	37	14	0.38	22	6	0.27			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	96	37	0.39	34	15	0.44	38	14	0.37	24	8	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	14	0.64	7	6	0.86	9	5	0.56	6	3	0.50			
71900	MERCURY, TOTAL	Fresh Acute	2.4	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
		Drinking Water	2.	28	0	0.00	10	0	0.00	11	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	152	22	0.14	51	7	0.14	64	10	0.16	37	5	0.14			

& - 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 1983 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	3	7.3	10.433	17.3	6.7	35.453	5.954	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	3	0.3	0.433	0.7	0.3	0.053	0.231	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	3	245.	225.	280.	150.	4525.	67.268	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	3	12.2	11.	12.4	8.4	5.08	2.254	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3	1.2	1.4	1.8	1.2	0.12	0.346	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	3	7.1	7.1	7.3	6.9	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	3	7.1	7.07	7.3	6.9	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	3	0.079	0.085	0.126	0.05	0.001	0.038	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	3	82.	72.	88.	46.	516.	22.716	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	3	27.	22.667	37.	4.	286.333	16.921	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	3	0.042	0.041	0.056	0.026	0.	0.015	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	3	1.31	1.217	1.6	0.74	0.191	0.438	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	3	0.231	0.276	0.393	0.203	0.011	0.103	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	3	0.109	0.124	0.159	0.105	0.001	0.03	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	3	0.085	0.073	0.087	0.046	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	3	0.063	0.056	0.07	0.035	0.	0.019	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	5.5	6.167	9.4	3.6	8.743	2.957	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.7	4.767	5.5	4.1	0.493	0.702	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	3	3.8	3.2	4.	1.8	1.48	1.217	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	3	22000.	48266.667	120000.	2800.	3951413333.333	62860.268	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	3	4.342	4.29	5.079	3.447	0.668	0.817	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19479.927								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	3	1700.	3933.	10000.	99.	28247167.	5314.806	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	3	3.23	3.075	4.	1.996	1.022	1.011	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1189.492								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	3	66.	47.333	66.	10.	1045.333	32.332	**	**	**	**

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Annual Analysis for 1984 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	9	14.4	15.144	28.4	0.2	123.573	11.116	0.2	4.25	26.2	28.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	6	0.25	0.317	0.7	0.1	0.046	0.214	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	7	243.	231.714	353.	109.	6655.571	81.582	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	9	10.1	10.289	14.4	6.4	9.729	3.119	6.4	7.3	13.45	14.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	7	2.	2.114	3.9	0.5	1.018	1.009	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	6	7.8	7.65	8.4	6.8	0.323	0.568	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	6	7.789	7.346	8.4	6.8	0.434	0.659	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	6	0.016	0.045	0.158	0.004	0.004	0.059	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	7	70.	67.714	94.	46.	288.571	16.987	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	7	33.	43.429	112.	7.	1377.286	37.112	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	8	0.074	0.073	0.134	0.027	0.002	0.04	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	8	0.013	0.015	0.037	0.005	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	8	1.52	1.476	2.08	0.81	0.191	0.437	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	8	0.566	0.564	1.02	0.1	0.088	0.297	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	8	0.109	0.134	0.288	0.049	0.006	0.076	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	8	0.038	0.053	0.123	0.013	0.002	0.041	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	8	0.022	0.027	0.095	0.004	0.001	0.03	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	3.6	4.8	7.9	2.8	4.965	2.228	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	3.5	3.54	4.8	2.	1.183	1.088	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	8	96.	102.5	136.	84.	335.714	18.323	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	11	2.3	2.091	3.3	0.2	1.375	1.173	0.32	1.	3.2	3.28
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	17500.	54416.25	240000.	330.	7087186112.5	84185.427	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	4.239	4.209	5.38	2.519	0.74	0.86	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16187.434								

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Annual Analysis for 1984 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	1300.	975.556	2200.	10.	708152.778	841.518	10.	120.	1700.	2200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	3.114	2.605	3.342	1.	0.69	0.831	1.	1.952	3.227	3.342
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			402.898								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	8	35.	55.625	162.	10.	2667.696	51.65	**	**	**	**

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Annual Analysis for 1985 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	11	11.8	13.773	18.	5.7	15.406	3.925	6.9	11.7	17.5	17.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	3	0.7	0.7	1.2	0.2	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	11	257.	277.364	320.	233.	919.655	30.326	237.6	256.	310.	318.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	11	10.8	10.473	12.8	9.	1.53	1.237	9.04	9.2	11.3	12.54
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	3	1.	0.9	1.2	0.5	0.13	0.361	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	7	7.7	7.686	7.9	7.5	0.015	0.121	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	7	7.7	7.671	7.9	7.5	0.015	0.122	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	7	0.02	0.021	0.032	0.013	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	3	64.	78.667	112.	60.	837.333	28.937	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	3	7.	30.	77.	6.	1657.	40.706	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	3 ##	0.02	0.028	0.043	0.02	0.	0.013	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	3	0.01	0.011	0.012	0.01	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	3	1.52	1.39	1.75	0.9	0.193	0.44	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	3	0.613	0.571	0.668	0.433	0.015	0.123	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	3	0.114	0.142	0.242	0.071	0.008	0.089	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	3	0.08	0.07	0.091	0.039	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	3	0.063	0.052	0.072	0.021	0.001	0.027	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	3.1	3.767	6.8	1.4	7.623	2.761	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	3.	2.733	4.	1.2	2.013	1.419	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	3	110.	126.	164.	104.	1092.	33.045	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	10	2.35	2.39	3.5	1.2	0.712	0.844	1.23	1.65	3.325	3.49
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	6	1650.	3196.667	8000.	10.	13499386.667	3674.151	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	6	3.216	2.909	3.903	1.	1.248	1.117	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			810.15								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	150.	469.429	1900.	10.	462735.619	680.247	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	7	2.176	2.114	3.279	1.	0.757	0.87	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			129.902								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	3	15.	40.667	96.	11.	2300.333	47.962	**	**	**	**

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Annual Analysis for 1986 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	34	21.9	20.424	28.8	3.1	61.665	7.853	5.4	17.1	27.1	28.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	11	1.	1.036	2.	0.5	0.209	0.457	0.52	0.7	1.3	1.92
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	34	361.	368.176	525.	217.	10445.725	102.204	267.	276.5	475.	522.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	34	7.8	7.812	13.2	1.9	5.063	2.25	6.3	7.05	8.7	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	11	1.	1.509	4.4	0.5	1.753	1.324	0.5	0.5	2.6	4.12
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	34	7.8	7.95	8.8	6.4	0.34	0.583	7.4	7.575	8.6	8.8
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	34	7.8	7.549	8.8	6.4	0.506	0.711	7.4	7.575	8.6	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	34	0.016	0.028	0.398	0.002	0.004	0.067	0.002	0.003	0.027	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	12	83.	81.	112.	60.	244.727	15.644	60.6	65.5	90.	106.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	10	10.5	11.1	20.	2.	32.322	5.685	2.2	7.	16.	19.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	11 ##	0.02	0.038	0.158	0.	0.002	0.047	0.004	0.02	0.02	0.146

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Annual Analysis for 1986 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	0.015	0.015	0.027	0.005	0.	0.007	0.005	0.01	0.021	0.026
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	0.825	0.89	1.96	0.05	0.346	0.588	0.068	0.47	1.343	1.876
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	12	0.415	0.563	1.38	0.1	0.153	0.391	0.1	0.3	0.895	1.256
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	12	0.06	0.059	0.089	0.029	0.	0.018	0.031	0.043	0.071	0.087
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	12	0.033	0.031	0.051	0.005	0.	0.017	0.005	0.015	0.046	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.013	0.014	0.028	0.004	0.	0.01	0.004	0.004	0.026	0.028
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.85	4.908	7.7	1.9	5.086	2.255	1.96	2.475	7.325	7.7
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.6	3.408	4.9	1.7	1.132	1.064	1.79	2.4	4.25	4.81
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	12	128.	134.333	186.	100.	690.788	26.283	101.2	115.	156.5	180.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	12	1.6	1.588	2.9	0.05	0.953	0.976	0.095	0.675	2.375	2.87
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	11	620.	3844.273	35000.	16.	107517469.618	10369.063	20.8	51.	1600.	28580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	11	2.792	2.64	4.544	1.204	0.896	0.946	1.284	1.708	3.204	4.328
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			436.823								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	20.	488.364	4900.	10.	2143013.655	1463.904	10.	10.	81.	3952.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	1.301	1.673	3.69	1.	0.624	0.79	1.	1.	1.908	3.393
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			47.08								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	12	11.	13.417	27.	6.	50.447	7.103	6.3	8.	20.	26.1

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Annual Analysis for 1987 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	51	24.4	19.363	29.1	2.3	67.169	8.196	8.	13.7	26.4	28.34
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	11	1.4	1.1	2.	0.1	0.428	0.654	0.12	0.4	1.5	1.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	51	264.	294.392	460.	199.	8243.843	90.796	200.	212.	315.	459.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	51	7.9	7.627	13.	2.1	4.671	2.161	4.08	6.3	8.9	9.7
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.	1.289	3.	0.5	0.781	0.884	0.5	0.5	2.05	3.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	51	7.3	7.324	8.	6.7	0.112	0.334	6.9	7.	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	51	7.3	7.203	8.	6.7	0.127	0.356	6.9	7.	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	51	0.05	0.063	0.2	0.01	0.002	0.046	0.02	0.025	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	11	70.	79.091	112.	58.	321.091	17.919	58.4	66.	96.	109.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	5	## 2.	135.2	650.	2.	82879.2	287.887	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	12	## 0.02	0.035	0.091	0.02	0.001	0.028	0.02	0.02	0.046	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	## 0.005	0.011	0.045	0.005	0.	0.012	0.005	0.005	0.015	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	1.35	1.373	1.87	0.32	0.179	0.424	0.545	1.133	1.71	1.831
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	4	## 0.155	0.685	2.33	0.1	1.205	1.098	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	4	0.06	0.153	0.466	0.028	0.044	0.209	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	4	0.04	0.04	0.059	0.021	0.	0.016	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	12	0.025	0.03	0.079	0.004	0.	0.019	0.007	0.022	0.035	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	5	3.8	4.82	11.6	2.	14.922	3.863	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.5	3.65	6.5	1.8	1.675	1.294	2.01	2.575	4.45	6.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	11	120.	119.455	170.	86.	590.473	24.3	88.	100.	130.	166.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	11	8.	16.182	66.	5.	327.964	18.11	5.2	7.	20.	58.8

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Annual Analysis for 1988 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	37	21.5	20.097	30.	4.3	63.219	7.951	9.6	10.75	25.8	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	10	1.	1.28	3.4	0.1	0.753	0.868	0.17	0.875	1.625	3.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	37	376.	357.892	514.	165.	8489.377	92.138	243.6	253.	395.	485.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	36	7.45	8.014	11.9	6.	2.83	1.682	6.	6.825	9.75	10.35
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	8	1.3	1.4	3.	0.5	0.874	0.935	**	**	**	**

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Annual Analysis for 1988 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	29	7.9	7.914	8.4	7.	0.094	0.307	7.4	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	29	7.9	7.778	8.4	7.	0.113	0.337	7.4	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	29	0.013	0.017	0.1	0.004	0.	0.019	0.006	0.008	0.016	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	11	90.	82.364	120.	44.	567.055	23.813	44.4	60.	100.	116.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	11 ##	0.02	0.067	0.36	0.02	0.011	0.107	0.02	0.02	0.048	0.322
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	11 ##	0.005	0.009	0.017	0.005	0.	0.005	0.005	0.005	0.013	0.016
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	11	1.	1.063	1.77	0.43	0.156	0.395	0.48	0.81	1.34	1.722
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	2	0.328	0.328	0.442	0.213	0.026	0.162	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	7	0.024	0.022	0.038	0.004	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	4.7	5.2	7.3	3.6	3.61	1.9	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	11	4.2	4.064	6.2	2.3	1.121	1.059	2.34	3.6	4.4	5.94
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	11	120.	125.818	192.	62.	1786.764	42.27	62.	96.	154.	188.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	11	9.	37.455	240.	4.	5117.273	71.535	4.2	7.	19.	210.

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Annual Analysis for 1989 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	42	23.65	18.333	26.5	1.1	63.258	7.954	7.1	10.875	26.1	26.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	11	0.7	1.145	3.3	0.2	0.913	0.955	0.22	0.4	1.9	3.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	32	282.	282.313	340.	217.	2212.157	47.034	218.	223.75	333.25	335.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	42	8.7	9.493	14.7	7.5	3.431	1.852	7.63	7.7	11.1	11.77
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12 ##	0.5	0.742	1.4	0.5	0.135	0.368	0.5	0.5	1.15	1.37
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	42	7.9	7.96	8.7	7.1	0.068	0.26	7.7	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	42	7.9	7.877	8.7	7.1	0.075	0.273	7.7	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	42	0.013	0.013	0.079	0.002	0.	0.012	0.006	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	12	78.	74.667	90.	48.	208.242	14.431	49.2	64.5	87.	90.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	12	10.5	17.083	47.	2.	271.174	16.467	2.6	4.	33.25	45.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	12 ##	0.02	0.05	0.198	0.02	0.003	0.054	0.02	0.02	0.078	0.167
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	0.012	0.243	2.8	0.005	0.649	0.805	0.005	0.005	0.017	1.966
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	1.29	1.288	1.75	0.98	0.033	0.183	1.016	1.203	1.348	1.63
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	7	0.497	0.435	0.599	0.1	0.028	0.167	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	5	0.065	0.077	0.104	0.052	0.001	0.023	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	4	0.063	0.076	0.14	0.037	0.002	0.046	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.018	0.025	0.057	0.004	0.	0.018	0.004	0.014	0.043	0.056
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.1	4.275	8.5	2.2	2.691	1.64	2.32	3.225	5.	7.48
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.7	3.542	4.9	2.2	0.724	0.851	2.26	2.75	4.1	4.81
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	12	121.	117.167	138.	80.	334.879	18.3	82.4	108.5	133.	137.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	5	2.8	2.	3.4	0.4	2.18	1.476	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	5	744.	654.2	1100.	78.	168061.2	409.953	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	5	2.872	2.679	3.041	1.892	0.219	0.468	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			477.444								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	50.	130.2	280.	18.	18218.2	134.975	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	5	1.699	1.858	2.447	1.255	0.311	0.557	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			72.041								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	12	13.	20.5	60.	4.	400.818	20.02	4.	5.25	33.75	58.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	44	16.9	16.789	26.3	1.2	66.147	8.133	5.8	10.2	24.6	26.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	12	0.4	0.608	2.1	0.	0.368	0.607	0.03	0.125	0.975	1.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	39	276.	263.769	332.	163.	2359.13	48.571	180.	247.	300.	321.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	44	9.25	9.852	13.7	7.4	4.395	2.096	7.45	8.025	11.55	13.05
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.6	1.642	3.4	0.5	0.928	0.963	0.5	0.625	2.25	3.31
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	44	7.6	7.711	8.7	6.8	0.197	0.444	7.3	7.4	7.9	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	44	7.6	7.542	8.7	6.8	0.227	0.476	7.3	7.4	7.9	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	44	0.025	0.029	0.158	0.002	0.001	0.026	0.003	0.013	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	13	66.	60.769	84.	0.	540.359	23.246	11.2	55.	77.	81.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	12	19.5	24.167	48.	4.	202.333	14.224	5.5	13.	37.	47.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	12	0.051	0.063	0.131	0.02	0.002	0.039	0.02	0.026	0.095	0.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	0.011	0.012	0.024	0.005	0.	0.007	0.005	0.005	0.018	0.024
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	1.365	1.412	1.89	0.77	0.118	0.343	0.851	1.203	1.768	1.872
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	12	0.442	0.639	1.61	0.272	0.177	0.421	0.278	0.389	0.845	1.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	12	0.072	0.143	0.441	0.03	0.017	0.129	0.034	0.065	0.221	0.407
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	12	0.051	0.077	0.24	0.01	0.006	0.076	0.013	0.026	0.095	0.234
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	11	0.041	0.039	0.074	0.004	0.001	0.027	0.004	0.012	0.07	0.074
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.2	5.458	15.	3.2	10.284	3.207	3.26	3.925	6.275	12.51
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.95	4.267	6.6	3.	1.321	1.149	3.06	3.45	4.575	6.54
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	13	112.	99.385	128.	0.	1163.59	34.111	25.6	95.	116.	126.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	11	3.	2.618	3.3	0.3	0.938	0.968	0.48	2.5	3.2	3.28
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	1	10700.	10700.	10700.	10700.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	1	4.029	4.029	4.029	4.029	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10700.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	390.	390.	390.	390.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	1	2.591	2.591	2.591	2.591	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			390.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	13	20.	57.462	360.	0.	9449.603	97.209	2.8	11.5	54.	268.8

** - 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 NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	45	20.	21.916	28.9	3.3	47.539	6.895	11.24	17.6	28.3	28.56
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	11	1.2	1.282	2.5	0.1	0.518	0.719	0.24	0.8	1.9	2.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	45	340.	332.667	582.	183.	5540.682	74.436	255.	256.	402.	406.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	45	7.8	8.453	14.	7.	3.254	1.804	7.1	7.25	9.5	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.1	1.24	3.9	0.5	1.049	1.024	0.5	0.5	1.425	3.66
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	45	7.8	7.764	8.2	7.	0.084	0.29	7.5	7.5	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	45	7.8	7.666	8.2	7.	0.094	0.307	7.5	7.5	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	45	0.016	0.022	0.1	0.006	0.	0.017	0.008	0.01	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	12	101.	93.	124.	54.	646.909	25.434	55.2	68.5	116.5	122.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	11	8.	10.818	42.	2.	117.564	10.843	2.8	6.	10.	36.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	12	0.054	0.042	0.062	0.02	0.	0.019	0.02	0.02	0.058	0.061
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12 ##	0.005	0.009	0.022	0.005	0.	0.006	0.005	0.005	0.014	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	1.19	1.188	1.86	0.44	0.19	0.436	0.485	0.91	1.495	1.848
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	12	0.386	0.461	1.71	0.158	0.163	0.404	0.186	0.275	0.441	1.335
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	12	0.061	0.093	0.41	0.026	0.011	0.103	0.03	0.045	0.099	0.32
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	12	0.064	0.063	0.109	0.023	0.001	0.029	0.026	0.034	0.089	0.108
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	12	0.023	0.036	0.088	0.008	0.001	0.027	0.01	0.015	0.062	0.082
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	5.	5.475	10.4	3.2	5.429	2.33	3.2	3.825	6.475	10.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.95	5.317	7.9	3.4	1.934	1.391	3.43	4.2	6.4	7.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	12	148.	142.333	204.	92.	1059.515	32.55	93.2	114.	165.5	193.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	12	2.35	2.292	4.1	0.1	1.566	1.252	0.28	1.1	3.325	4.01
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	12	11.5	40.167	360.	3.	10171.242	100.853	3.6	7.	17.5	257.7

** - 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 NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	49	15.8	17.461	26.1	1.7	46.594	6.826	10.7	12.55	23.9	26.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	12	0.95	0.967	2.6	0.2	0.461	0.679	0.23	0.325	1.35	2.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	49	293.	299.082	446.	258.	1010.368	31.786	259.	283.	315.	327.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	49	9.3	10.271	14.5	7.7	4.278	2.068	7.8	8.35	12.3	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12	1.25	1.217	2.4	0.	0.569	0.754	0.15	0.5	1.875	2.34
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	49	7.9	7.865	8.5	7.5	0.065	0.255	7.5	7.65	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	49	7.9	7.793	8.5	7.5	0.071	0.266	7.5	7.65	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	49	0.013	0.016	0.032	0.003	0.	0.009	0.006	0.008	0.023	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	12	82.	85.583	111.	70.	163.356	12.781	70.6	76.5	92.25	109.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	12 ##	0.02	0.043	0.119	0.02	0.001	0.034	0.02	0.02	0.058	0.113
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	10	0.011	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.016	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	12	1.46	1.309	1.73	0.53	0.154	0.392	0.536	1.183	1.573	1.694
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	10	0.559	0.599	1.34	0.126	0.116	0.341	0.142	0.342	0.762	1.288
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	11	0.093	0.109	0.27	0.018	0.005	0.073	0.022	0.069	0.136	0.256
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	11	0.06	0.055	0.078	0.015	0.	0.021	0.017	0.043	0.076	0.078
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	12	0.049	0.041	0.061	0.	0.	0.02	0.004	0.028	0.058	0.061
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	4.65	4.2	6.4	0.	3.129	1.769	0.78	2.95	5.35	6.28
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	12	3.75	3.408	5.8	0.	2.755	1.66	0.45	2.1	4.525	5.62
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	12	133.	136.583	186.	104.	695.72	26.376	104.6	112.5	158.75	181.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	12	2.5	2.25	4.	0.1	1.292	1.137	0.13	1.85	2.975	3.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	230.	300.5	742.	173.	34241.429	185.044	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	2.362	2.43	2.87	2.238	0.039	0.198	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			269.018								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	183.	178.75	387.	20.	15328.786	123.809	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	8	2.248	2.093	2.588	1.301	0.221	0.47	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			123.965								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	12	10.5	43.667	174.	8.	3310.424	57.536	8.	9.	81.25	161.4

** - 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 NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	46	21.7	20.565	31.5	2.9	44.358	6.66	11.2	17.6	24.9	27.02
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	9	1.	1.378	3.6	0.1	1.444	1.202	0.1	0.45	2.3	3.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	46	356.5	363.674	423.	150.	3133.958	55.982	324.8	342.5	419.	421.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	46	8.7	8.77	14.9	6.2	2.824	1.68	7.27	7.7	9.225	10.36
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	1.35	1.38	3.5	0.5	0.951	0.975	0.5	0.5	1.9	3.34
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	40	8.3	7.94	8.6	7.1	0.285	0.534	7.1	7.525	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	40	8.3	7.628	8.6	7.1	0.385	0.62	7.1	7.525	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	40	0.005	0.024	0.079	0.003	0.001	0.028	0.003	0.004	0.03	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	11	88.	89.455	110.	48.	332.073	18.223	53.6	76.	104.	108.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	5 ##	0.02	0.072	0.2	0.02	0.006	0.079	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	9	0.04	0.043	0.08	0.02	0.001	0.025	0.02	0.02	0.07	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	7 ##	0.005	0.013	0.04	0.005	0.	0.013	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	3	1.56	1.553	1.78	1.32	0.053	0.23	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	6	0.015	0.018	0.03	0.005	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	9	3.2	3.633	7.8	1.3	3.4	1.844	1.3	2.6	4.4	7.8
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	9	2.4	2.456	4.	0.8	1.133	1.064	0.8	1.7	3.4	4.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	11	134.	136.636	178.	76.	1116.855	33.419	78.6	120.	164.	178.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	9	2.4	2.489	4.1	0.6	1.306	1.143	0.6	1.75	3.65	4.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	9	230.	314.889	1196.	40.	128595.361	358.602	40.	85.	381.5	1196.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	9	2.362	2.281	3.078	1.602	0.226	0.475	1.602	1.858	2.559	3.078
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			191.171								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	20.	99.222	429.	10.	20590.444	143.494	10.	10.	166.	429.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	9	1.301	1.573	2.632	1.	0.425	0.652	1.	1.	2.185	2.632

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.451								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	10	6.5	16.5	75.	4.	510.5	22.594	4.	4.75	19.25	71.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	41	22.4	20.72	29.5	0.4	50.695	7.12	11.12	16.2	26.9	29.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	8	0.8	0.975	1.9	0.5	0.205	0.453	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	41	332.	336.366	402.	197.	1546.738	39.329	293.	311.5	363.	375.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	41	8.4	8.434	15.	6.7	2.997	1.731	6.8	7.2	8.6	9.88
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	11	1.	1.418	4.4	0.5	1.446	1.202	0.5	0.5	2.3	4.
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	41	7.9	7.951	8.4	6.6	0.171	0.413	7.62	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	41	7.9	7.63	8.4	6.6	0.276	0.525	7.62	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	41	0.013	0.023	0.251	0.004	0.003	0.053	0.004	0.005	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	11	94.	89.818	120.	58.	416.364	20.405	58.	78.	98.	120.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	7	0.1	0.131	0.3	0.02	0.011	0.105	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	3 ##	0.02	0.04	0.08	0.02	0.001	0.035	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	7 ##	0.005	0.011	0.03	0.005	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	5	0.02	0.017	0.03	0.005	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	2.4	3.067	5.4	1.4	4.333	2.082	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	3	1.9	2.067	3.4	0.9	1.583	1.258	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	11	144.	153.455	214.	108.	1091.273	33.034	109.2	130.	180.	209.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	18	2.5	2.8	8.3	0.1	6.111	2.472	0.1	1.	3.75	8.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	20	315.	635.675	2231.	14.5	539076.797	734.218	30.1	173.	944.	2176.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	20	2.482	2.463	3.348	1.161	0.403	0.635	1.476	2.238	2.975	3.336
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			290.633								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	22	51.	235.636	944.	10.	129457.195	359.802	10.	10.	404.	944.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	22	1.708	1.768	2.975	1.	0.6	0.774	1.	1.	2.606	2.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.607								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	11	8.	9.727	27.	3.	44.218	6.65	3.4	5.	13.	24.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	30	16.6	15.517	28.5	0.2	79.751	8.93	2.51	5.3	24.8	25.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	8	1.6	1.788	3.	0.7	0.844	0.919	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	30	285.	355.6	573.	239.	13927.49	118.015	245.1	247.75	505.25	527.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	30	8.9	9.89	18.1	7.2	5.904	2.43	7.81	8.2	12.325	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	12 ##	0.5	1.05	2.6	0.5	0.608	0.78	0.5	0.5	1.775	2.48
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	30	7.9	8.01	8.5	6.8	0.136	0.369	7.7	7.875	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	30	7.9	7.802	8.5	6.8	0.181	0.425	7.7	7.875	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	30	0.013	0.016	0.158	0.003	0.001	0.028	0.003	0.005	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	12	77.	84.	112.	68.	200.727	14.168	68.6	73.	97.5	108.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	9	10.	14.111	48.	2.	197.611	14.057	2.	3.5	17.	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	9 ##	0.02	0.043	0.151	0.02	0.002	0.044	0.02	0.02	0.058	0.151
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	6	0.018	0.043	0.184	0.005	0.005	0.07	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	2	0.67	0.67	0.85	0.49	0.065	0.255	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	12	129.	145.833	206.	102.	1487.606	38.569	102.6	113.	188.	203.
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	5	2.7	3.2	5.8	1.5	2.815	1.678	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	10	208.5	367.	1573.	40.	200414.222	447.676	45.	150.	470.	1465.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	10	2.319	2.362	3.197	1.602	0.186	0.431	1.637	2.161	2.672	3.147
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			230.313								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	20.	208.818	944.	10.	131514.564	362.649	10.	10.	300.	935.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	11	1.301	1.66	2.975	1.	0.587	0.766	1.	1.	2.477	2.971
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.753								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	12	6.	7.5	20.	3.	24.455	4.945	3.	3.5	10.	17.6

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Annual Analysis for 1996 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	14	22.9	17.986	24.7	3.2	65.232	8.077	4.	12.5	24.4	24.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	11	0.4	0.673	1.6	0.2	0.226	0.476	0.22	0.3	0.9	1.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	14	255.	272.786	416.	191.	4063.258	63.744	206.5	236.5	288.75	399.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	14	9.35	10.079	14.	8.2	3.916	1.979	8.2	8.275	11.325	13.65
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	9	1.6	1.444	2.6	0.6	0.418	0.646	0.6	0.85	1.85	2.6
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	14	8.	7.921	8.4	7.2	0.16	0.4	7.25	7.675	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	14	8.	7.732	8.4	7.2	0.199	0.446	7.25	7.675	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	14	0.01	0.019	0.063	0.004	0.	0.02	0.004	0.005	0.024	0.057
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	11	58.	61.545	102.	25.	484.673	22.015	28.4	48.	80.	99.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	6	4.5	13.5	38.	2.	259.9	16.121	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	5	0.063	0.057	0.077	0.032	0.	0.02	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	11	182.	162.091	224.	51.	2172.091	46.606	67.6	140.	184.	220.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	8	3500.	4835.	11000.	180.	19037800.	4363.233	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	8	3.54	3.408	4.041	2.255	0.411	0.641	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2557.362								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	230.	1543.	8000.	30.	6259556.667	2501.911	37.	152.5	2550.	7500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	10	2.362	2.646	3.903	1.477	0.584	0.764	1.529	2.173	3.404	3.86
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			442.924								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	11	21.	37.	166.	5.	2243.6	47.367	5.	6.	39.	147.8

** - 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 1997 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	35	21.1	18.963	28.5	1.	67.122	8.193	4.88	12.3	26.8	28.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	10	1.6	1.49	2.4	0.6	0.377	0.614	0.63	0.9	2.025	2.37
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	34	329.5	321.588	394.	9.	4464.734	66.819	298.	308.75	361.	394.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	35	8.2	9.154	14.6	6.9	4.545	2.132	7.	7.3	10.9	13.02
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	10	0.8	0.89	2.3	0.1	0.352	0.593	0.14	0.5	1.2	2.19
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	35	8.3	8.217	8.5	7.4	0.082	0.286	7.6	8.3	8.3	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	35	8.3	8.09	8.5	7.4	0.099	0.314	7.6	8.3	8.3	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	35	0.005	0.008	0.04	0.003	0.	0.009	0.003	0.005	0.005	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	12	89.	80.	98.	44.	305.455	17.477	48.2	63.	92.	96.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	7	5.	11.429	32.	1.	149.619	12.232	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	8	0.016	0.025	0.07	0.001	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	8	0.018	0.02	0.035	0.008	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	12	174.	176.833	228.	124.	1190.152	34.499	125.8	152.5	211.	226.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	11	5.	8.818	25.	2.	69.764	8.352	2.2	3.	10.	25.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	225	24.6	24.094	31.5	13.7	17.193	4.146	17.46	22.4	26.5	28.84
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	48	1.15	1.14	3.	0.	0.553	0.744	0.29	0.525	1.6	2.13
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	214	340.	359.523	525.	230.	4977.002	70.548	282.	310.	402.25	474.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	225	8.	7.952	10.5	6.	0.954	0.977	6.8	7.2	8.55	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	46	1.	1.187	3.5	0.5	0.619	0.787	0.5	0.5	1.725	2.33
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	217	7.9	7.92	8.5	6.7	0.116	0.34	7.5	7.7	8.2	8.32
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	217	7.9	7.767	8.5	6.7	0.139	0.373	7.5	7.7	8.2	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	217	0.013	0.017	0.2	0.003	0.	0.02	0.005	0.006	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	51	90.	89.765	118.	48.	262.064	16.188	70.	78.	102.	111.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	31	7.	14.141	112.	0.02	467.779	21.628	0.036	2.	18.	35.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	43	0.032	0.058	0.36	0.	0.004	0.064	0.02	0.02	0.08	0.131
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	37	0.01	0.093	2.8	0.005	0.21	0.458	0.005	0.005	0.021	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	33	1.	0.992	2.	0.05	0.203	0.451	0.364	0.74	1.33	1.52
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	24	0.493	0.592	1.38	0.126	0.08	0.283	0.358	0.394	0.749	0.994
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	23	0.089	0.105	0.288	0.039	0.004	0.061	0.062	0.068	0.114	0.22
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	22	0.065	0.072	0.14	0.013	0.001	0.033	0.032	0.048	0.1	0.119
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	35	0.043	0.04	0.095	0.004	0.001	0.026	0.004	0.015	0.061	0.076
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	28	4.6	4.625	7.8	2.6	1.957	1.399	2.79	3.325	5.475	6.71
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	35	4.1	4.043	6.5	1.5	1.494	1.222	2.24	3.5	4.6	6.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	51	144.	148.471	224.	51.	1136.054	33.705	112.	126.	174.	185.6
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	35	2.6	2.74	8.3	0.2	3.258	1.805	0.92	1.6	3.4	4.78
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	10 ##	5.	10.65	34.5	5.	142.225	11.926	5.	5.	11.75	34.25
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	10 ##	12.5	10.6	13.	5.	9.933	3.152	5.	8.75	12.625	13.
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	10	313.5	649.9	2149.	187.	472211.211	687.176	188.5	204.25	895.75	2099.5
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	10 ##	25.	22.75	25.	2.5	50.625	7.115	4.75	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	9	260.	333.444	1324.	13.	173357.028	416.362	13.	20.	472.	1324.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-01/09/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	30	500.	19230.8	240000.	40.	2663814165.476	51612.151	170.3	192.75	8675.	111500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	30	2.699	3.065	5.38	1.602	1.034	1.017	2.231	2.285	3.934	5.026
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1162.537								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	119.	830.147	10000.	10.	3615109.038	1901.344	10.	20.	944.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	34	2.071	2.128	4.	1.	0.768	0.877	1.	1.301	2.975	3.361
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			134.256								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	10 ##	0.1	0.28	1.8	0.1	0.286	0.535	0.1	0.1	0.125	1.64
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	51	9.	23.02	166.	2.	1383.46	37.195	3.2	5.	20.	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	107	6.7	7.474	19.7	0.2	16.435	4.054	2.28	5.	10.7	11.72
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	54	1.	1.193	3.6	0.1	0.777	0.881	0.2	0.4	1.8	2.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	101	260.	280.198	582.	9.	6173.64	78.573	199.	246.5	317.5	392.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	106	12.3	11.16	18.1	1.9	9.787	3.128	6.12	10.1	13.	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	58	1.	1.176	3.9	0.5	0.626	0.791	0.5	0.5	1.725	2.4
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	100	7.7	7.706	8.7	6.4	0.253	0.503	7.01	7.4	8.	8.39
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	100	7.7	7.414	8.7	6.4	0.34	0.583	7.01	7.4	8.	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	100	0.02	0.039	0.398	0.002	0.003	0.058	0.004	0.01	0.04	0.098
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	65	74.	73.246	124.	0.	506.938	22.515	49.2	60.	88.	100.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	45	6.	14.805	77.	0.02	315.503	17.762	2.	4.	21.	40.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	57 ##	0.02	0.037	0.151	0.001	0.001	0.033	0.02	0.02	0.045	0.087
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	50 ##	0.005	0.011	0.03	0.005	0.	0.007	0.005	0.005	0.016	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	44	1.54	1.459	2.08	0.53	0.139	0.372	0.91	1.25	1.75	1.865
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	32	0.345	0.448	1.71	0.1	0.156	0.396	0.1	0.218	0.454	1.126
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	32	0.06	0.1	0.441	0.018	0.011	0.107	0.027	0.04	0.105	0.301

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Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	32	0.041	0.053	0.24	0.005	0.003	0.051	0.012	0.029	0.062	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	47	0.022	0.025	0.074	0.	0.	0.018	0.004	0.012	0.03	0.053
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	42	3.85	4.614	15.	0.	8.287	2.879	1.55	2.575	6.1	8.89
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	46	3.45	3.524	7.9	0.	2.939	1.714	1.41	2.275	4.6	6.26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	63	120.	128.937	228.	0.	1590.415	39.88	88.	104.	160.	188.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	48	2.5	2.31	4.8	0.1	1.673	1.294	0.19	1.525	3.2	3.81
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	11 ##	2.5	2.682	6.	1.	1.414	1.189	1.3	2.5	2.5	5.3
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	11 ##	5.	6.682	14.	2.5	13.014	3.607	3.	5.	10.	13.6
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	11 ##	12.5	11.818	12.5	5.	5.114	2.261	6.5	12.5	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	11	460.	1099.409	4737.5	168.	1881074.241	1371.523	173.8	209.	1668.	4224.4
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	11 ##	25.	15.	25.	2.5	132.5	11.511	2.5	2.5	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	11	54.	394.182	3854.	5.	1317446.164	1147.801	8.6	23.	81.	3100.
01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-01/09/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	37	330.	2334.176	22000.	14.5	21603188.531	4647.923	40.	180.	1957.	8300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	37	2.519	2.684	4.342	1.161	0.686	0.828	1.602	2.255	3.287	3.915
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			483.333								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	38	86.5	388.447	3000.	10.	459434.038	677.816	10.	10.	404.	1720.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	38	1.932	1.915	3.477	1.	0.707	0.841	1.	1.	2.606	3.235
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			82.244								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	64	10.	30.125	360.	0.	4105.444	64.074	5.	6.	24.	70.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-12/08/97	159	19.3	19.187	28.4	9.1	29.007	5.386	10.9	15.6	24.2	26.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/83-12/08/97	34	0.75	0.732	2.5	0.1	0.216	0.465	0.2	0.4	1.	1.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/83-12/08/97	158	283.	289.69	573.	163.	4419.285	66.478	212.	256.	335.	357.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/12/83-12/08/97	159	8.9	9.025	12.9	6.4	2.171	1.473	7.5	7.9	9.6	11.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/12/83-12/08/97	35	1.4	1.651	4.4	0.	1.311	1.145	0.5	0.8	2.3	3.36
00400	PH (STANDARD UNITS)	10/12/83-12/08/97	153	7.7	7.816	8.8	6.8	0.246	0.496	7.1	7.5	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/83-12/08/97	153	7.7	7.557	8.8	6.8	0.313	0.56	7.1	7.5	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/83-12/08/97	153	0.02	0.028	0.158	0.002	0.001	0.033	0.003	0.006	0.032	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/83-12/08/97	37	78.	75.162	112.	44.	339.64	18.429	46.	60.	91.	98.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/83-12/08/97	25	15.	43.187	650.	0.08	16244.616	127.454	0.16	3.5	35.5	48.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/12/83-12/08/97	30	0.044	0.049	0.172	0.02	0.001	0.034	0.02	0.02	0.062	0.096
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	28	0.011	0.011	0.024	0.005	0.	0.006	0.005	0.005	0.014	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/83-07/10/95	25	1.3	1.196	1.7	0.46	0.098	0.313	0.686	1.005	1.4	1.55
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/83-10/05/92	17	0.497	0.64	2.33	0.1	0.279	0.528	0.146	0.326	0.798	1.538
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/83-12/07/92	16	0.091	0.127	0.466	0.038	0.012	0.11	0.043	0.06	0.143	0.329
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/83-12/07/92	16	0.044	0.044	0.091	0.005	0.001	0.026	0.009	0.022	0.057	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/83-12/08/97	28	0.022	0.022	0.068	0.004	0.	0.016	0.004	0.011	0.029	0.047
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/83-04/04/94	21	4.1	4.948	11.6	2.4	5.092	2.256	3.04	3.5	5.8	8.38
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/83-04/04/94	25	3.8	3.708	4.9	1.9	0.702	0.838	2.76	3.	4.45	4.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/27/84-12/08/97	37	124.	127.135	224.	62.	1232.565	35.108	87.2	104.	145.	177.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/12/83-07/10/95	25	2.2	2.034	4.1	0.05	1.263	1.124	0.5	1.2	3.05	3.3
01027	CADMIUM, TOTAL (UG/L AS CD)	10/12/83-01/09/95	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/83-01/09/95	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/83-01/09/95	7 ##	12.5	9.286	12.5	5.	16.071	4.009	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/12/83-01/09/95	7	1047.	1069.429	1970.	325.	415612.952	644.681	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/12/83-01/09/95	7 ##	25.	21.786	25.	2.5	72.321	8.504	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/12/83-01/09/95	7	32.	89.429	441.	6.	24493.952	156.505	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/14/86-01/09/95	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/12/83-12/09/96	22	404.	2390.045	23000.	10.	27112444.331	5206.961	26.5	185.75	1850.	8770.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/12/83-12/09/96	22	2.606	2.696	4.362	1.	0.69	0.831	1.355	2.269	3.267	3.942

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			496.232								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	76.5	521.917	8000.	10.	2622106.167	1619.292	10.	20.5	316.25	945.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/12/83-12/09/96	24	1.883	1.965	3.903	1.	0.553	0.744	1.	1.311	2.499	2.942
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			92.212								
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/83-01/09/95	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/83-11/17/97	37	16.	33.054	240.	3.	2473.219	49.731	5.8	9.5	32.5	98.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0172

NPS Station ID: NACC0172 LAT/LON: 38.918976/ -77.056366 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/IX/01 /TAFT BRIDGE
RMI-Indexes: 0214001 002700 00050 Within Park Boundary: No
RMI-Miles: 0112.80 0001.80 000.01
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 2.000 Distance from RF1: 0.30 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 10.29 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	19.75	19.75	20.	19.5	0.125	0.354	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/20/71-07/21/71	2	21.5	21.5	22.5	20.5	2.	1.414	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/71-07/21/71	2	0.178	0.178	0.23	0.125	0.006	0.074	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/21/71-07/21/71	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/21/71-07/21/71	1	4.176	4.176	4.176	4.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15000.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/20/71-07/21/71	2	56000.	56000.	110000.	2000.	5832000000.	76367.532	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/20/71-07/21/71	2	4.171	4.171	5.041	3.301	1.514	1.231	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			14832.397								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/21/71	2	11100.	11100.	15000.	7200.	30420000.	5515.433	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/20/71-07/21/71	2	4.017	4.017	4.176	3.857	0.051	0.225	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			10392.305								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/20/71-07/21/71	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0173

NPS Station ID: NACC0173
LAT/LON: 38.919448/ -77.033338
Agency: 31POTOMA
Date Created: 01/24/81
Location: ROCK CREEK AT CONN. AVENUE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101033.0 /RC6
RMI-Indexes: 0214001 002700
Within Park Boundary: No
RMI-Miles: 0101.00 0007.60
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010003604.49
RF3 Mile Point: 14.96
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0174

NPS Station ID: NACC0174
LAT/LON: 38.919448/ -77.036115
Agency: 31POTOMA
Date Created: 03/27/81
Location: ROCK CREEK AT WEST BEACH DRIVE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101020.5 /RC-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010062200.00
RF3 Mile Point: 8.72
Distance from RF3: 0.07
On/Off RF3:
Description:
STATION LOCATED AT WEST BEACH DRIVE 8.8 MILES FROM THE MOUTH

Parameter Inventory for Station: NACC0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0175

NPS Station ID: NACC0175 LAT/LON: 38.920948/ -77.050503 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): REF. STATION 02/TAFT ST.
RMI-Indexes: 0214001 002700 Within Park Boundary: No
RMI-Miles: 0112.80 0002.35
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 02070010003600.00 RF3 Mile Point: 0.11 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/31/71	34	22.95	22.897	29.	18.	4.163	2.04	20.25	21.8	24.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/31/71	33	24.	24.076	29.	16.5	7.261	2.695	21.	22.35	25.75	28.6
00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	30	7.8	7.733	10.	5.	1.353	1.163	5.91	7.1	8.425	9.63
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/12/71	32	0.635	0.729	2.117	0.006	0.232	0.481	0.203	0.321	1.1	1.412
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	42	24000.	198209.524	2400000.	1500.203803543809.524		451446.059	5260.	13575.	110000.	908000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/71-08/12/71	42	4.38	4.619	6.38	3.176	0.558	0.747	3.706	4.124	5.041	5.928
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41588.004								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	39	9300.	50887.179	460000.	1500.12358051673.414		111166.774	2300.	4300.	24000.	240000.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	06/16/71-08/12/71	39	3.968	4.099	5.663	3.176	0.438	0.662	3.362	3.633	4.38	5.38
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			12549.216								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	11	9000.	43954.545	240000.	400. 5332494727.273		73023.933	400.	400.	46000.	214000.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/26/71-08/12/71	11	3.954	3.919	5.38	2.602	1.008	1.004	2.602	2.602	4.663	5.312
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			8291.212								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	41	30000.	94865.854	890000.	6300.24334946304.878		155996.623	9400.	14000.	118500.	296000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	41	4.477	4.606	5.949	3.799	0.314	0.56	3.972	4.146	5.074	5.471
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			40399.285								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	32	0.025	0.032	0.19	0.008	0.001	0.033	0.013	0.02	0.03	0.047

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0175

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	0	0.00	16	0	0.00				14	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	32	8	0.25	25	6	0.24				7	2	0.29			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	42	42	1.00	28	28	1.00				14	14	1.00			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	37 &	37	1.00	24	24	1.00				13	13	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0176

NPS Station ID: NACC0176
LAT/LON: 38.927504/ -77.083338
Agency: 21DCBAWQ
Date Created: 10/28/86
Location: FOUNDRY BRANCH PARK, D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TFB01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02070010002900.85
RF3 Mile Point: 3.04
Distance from RF3: 0.26
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH
STATION LOCATION: FOUNDRY BRANCH PARK, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	112	16.	15.141	24.7	0.2	29.356	5.418	6.91	10.825	19.975	21.34
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	30.	43.333	100.	0.	2633.333	51.316	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/85-01/14/86	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	112	447.	475.67	4850.	61.	194757.088	441.313	222.9	371.25	520.	614.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	106	7.	7.068	13.6	0.	4.288	2.071	4.84	5.975	8.4	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	104	2.7	2.872	11.	0.	4.267	2.066	0.5	1.4	3.963	5.
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	109	7.4	7.323	9.3	6.2	0.255	0.505	6.7	7.	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	109	7.4	7.057	9.3	6.2	0.326	0.571	6.7	7.	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	109	0.04	0.088	0.631	0.001	0.013	0.114	0.013	0.025	0.1	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	114	74.	72.14	150.	10.	731.254	27.042	38.	57.5	82.	109.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	91	8.	17.01	286.	0.	1140.071	33.765	0.4	4.	17.	39.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	84	0.07	0.129	0.641	0.	0.019	0.137	0.02	0.02	0.201	0.273
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	95	0.039	0.065	0.776	0.005	0.009	0.096	0.01	0.019	0.074	0.145
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	85	2.95	3.198	15.8	0.02	5.011	2.239	0.812	1.97	4.13	4.95
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	72	0.579	0.834	5.42	0.02	0.736	0.858	0.088	0.259	1.173	1.677
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-08/07/95	1	3.19	3.19	3.19	3.19	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/12/96-05/14/96	2	5.05	5.05	7.4	2.7	11.045	3.323	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-07/15/91	61	0.14	0.21	0.81	0.	0.036	0.19	0.032	0.06	0.342	0.512
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-07/15/91	61	0.071	0.128	0.579	0.	0.02	0.14	0.012	0.03	0.186	0.362
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	82	0.032	0.079	0.883	0.	0.018	0.134	0.006	0.014	0.085	0.175
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/19/83-12/19/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	12/19/83-12/19/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	113	162.	171.035	500.	22.	3945.499	62.813	101.6	146.	196.	239.2
00945	SULFATE, TOTAL (MG/L AS SO4)	12/19/83-12/19/83	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	75	8.1	7.783	13.8	0.7	11.434	3.381	2.6	5.4	10.6	12.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-01/14/91	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	04/11/94-01/23/95	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	22 ##	2.5	2.432	2.5	1.	0.102	0.32	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	22 ##	5.	5.659	15.	2.5	6.938	2.634	5.	5.	5.	9.9
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	22 ##	12.5	118.841	1940.	5.	166976.057	408.627	5.	8.75	51.	140.6
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	22	549.5	898.227	3057.	1.	763677.994	873.887	44.3	212.75	1516.	2433.
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	22 ##	25.	21.341	25.	2.5	63.604	7.975	5.	25.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	22	66.5	166.5	1045.	0.	52858.071	229.909	24.8	47.	204.25	452.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	15 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/19/83-02/22/84	2	155.	155.	230.	80.	11250.	106.066	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/19/83-02/22/84	2	2.132	2.132	2.362	1.903	0.105	0.324	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			135.647								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	74	2764.	14997.703	90000.	0.	591688208.404	24324.642	32.5	297.5	22000.	52000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	74	3.433	3.3	4.954	0.	1.336	1.156	1.477	2.472	4.342	4.716
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1994.061								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-07/15/91	7	11900.	49742.857	230000.	0.	7395099523.81	85994.765	**	**	**	**
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-07/15/91	7	4.076	3.054	5.362	0.	4.98	2.232	**	**	**	**
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			1133.034								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/14/86-01/14/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/14/86-01/14/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	21 ##	0.1	0.124	0.3	0.1	0.004	0.062	0.1	0.1	0.1	0.28
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	115	10.	18.432	162.	1.	729.869	27.016	3.	5.	19.	34.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/14---------- Obs	Exceed	Prop.	----------10/15-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	106	7	0.07	32	2	0.06	44	3	0.07	30	2	0.07			
00400	PH	Fresh Chronic	9.	109	1	0.01	33	0	0.00	46	0	0.00	30	1	0.03			
		Other-Lo Lim.	6.5	109	7	0.06	33	2	0.06	46	3	0.07	30	2	0.07			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	95	0	0.00	25	0	0.00	41	0	0.00	29	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	85	2	0.02	23	0	0.00	37	2	0.05	25	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
		Drinking Water	50.	12	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
		Drinking Water	5.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	21 &	8	0.38	6	4	0.67	9	4	0.44	6	0	0.00			
		Drinking Water	1300.	22	1	0.05	6	1	0.17	10	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
		Drinking Water	15.	4 &	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	22	9	0.41	6	2	0.33	10	5	0.50	6	2	0.33			
		Drinking Water	5000.	22	0	0.00	6	0	0.00	10	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
		Drinking Water	50.	15	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00				2	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	73 &	60	0.82	21	19	0.90	29	21	0.72	23	20	0.87			
71900	MERCURY, TOTAL	Fresh Acute	2.4	21	0	0.00	4	0	0.00	11	0	0.00	6	0	0.00			
		Drinking Water	2.	21	0	0.00	4	0	0.00	11	0	0.00	6	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	115	9	0.08	34	1	0.03	49	6	0.12	32	2	0.06			

& - 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 1983 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	1	0.201	0.201	0.201	0.201	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	9	16.	15.744	21.1	9.5	20.788	4.559	9.5	11.25	20.9	21.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	9	410.	382.778	469.	268.	5558.694	74.557	268.	297.5	439.	469.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	8	7.8	7.363	9.8	1.4	7.028	2.651	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	2 ##	6.7	6.7	8.7	4.7	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	7	7.5	7.543	8.3	6.7	0.29	0.538	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	7	7.5	7.271	8.3	6.7	0.376	0.613	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	7	0.032	0.054	0.2	0.005	0.005	0.068	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	11	80.	82.727	138.	38.	1134.618	33.684	39.6	50.	120.	136.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	9	7.	19.222	72.	2.	732.694	27.068	2.	2.	36.5	72.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	10	0.053	0.092	0.217	0.01	0.007	0.084	0.01	0.014	0.191	0.217
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	10	0.081	0.112	0.407	0.01	0.014	0.119	0.011	0.026	0.151	0.383
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	10	4.48	5.199	15.8	0.02	16.331	4.041	0.362	3.74	5.505	14.79
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	10	0.276	0.506	1.15	0.1	0.144	0.379	0.113	0.246	0.887	1.138
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	10	0.019	0.018	0.031	0.007	0.	0.008	0.007	0.012	0.026	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	10	165.	178.8	246.	142.	1223.289	34.976	143.	158.	195.5	245.
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	9	10.6	10.633	12.6	6.5	3.783	1.945	6.5	9.75	12.35	12.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	8	270.	747.5	3300.	20.	1207421.429	1098.827	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	8	2.42	2.403	3.519	1.301	0.622	0.788	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			252.824								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	11	11.	19.355	90.	1.5	826.293	28.745	1.52	2.1	16.	84.

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Annual Analysis for 1985 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	7	16.4	16.429	21.7	5.4	29.162	5.4	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	7	374.	356.857	390.	239.	2886.143	53.723	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	6	5.85	6.367	8.9	5.4	1.751	1.323	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	9	1.	1.767	4.	0.	2.133	1.46	0.	0.5	3.15	4.
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	7	7.6	7.486	7.7	7.	0.061	0.248	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	7	7.6	7.414	7.7	7.	0.067	0.26	**	**	**	**

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Annual Analysis for 1985 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	7	0.025	0.039	0.1	0.02	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	7	80.	79.143	96.	56.	151.81	12.321	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	9	9.	10.889	24.	0.	73.611	8.58	0.	4.	20.	24.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	9 ##	0.02	0.05	0.121	0.02	0.002	0.042	0.02	0.02	0.092	0.121
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	9 ##	0.013	0.026	0.106	0.005	0.001	0.033	0.005	0.005	0.036	0.106
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	9	2.27	2.591	4.86	0.32	2.761	1.662	0.32	1.1	4.15	4.86
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	9	0.606	1.428	5.42	0.332	2.91	1.706	0.332	0.433	2.1	5.42
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	8	0.025	0.063	0.29	0.009	0.009	0.095	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	7	152.	154.571	200.	110.	838.286	28.953	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	6	8.15	7.417	11.4	2.9	14.91	3.861	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	6	1095.	6750.	35000.	0.	193129040.	13897.087	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	6	2.96	2.497	4.544	0.	2.857	1.69	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			314.199								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	7	10.	10.857	30.	3.	85.476	9.245	**	**	**	**

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Annual Analysis for 1986 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	10	19.2	17.14	24.7	0.2	51.605	7.184	1.11	15.525	21.275	24.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	10	426.5	435.5	621.	331.	9048.056	95.121	332.1	349.5	494.	610.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	9	6.4	6.989	11.5	3.9	4.834	2.199	3.9	5.85	8.2	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	11	2.3	2.909	7.4	0.	3.877	1.969	0.26	2.	3.6	6.94
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	10	7.15	7.1	7.8	6.2	0.196	0.442	6.26	6.8	7.425	7.77
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	10	7.147	6.873	7.8	6.2	0.253	0.503	6.26	6.8	7.425	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	10	0.071	0.134	0.631	0.016	0.033	0.181	0.017	0.038	0.158	0.584
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	11	76.	58.818	82.	10.	741.364	27.228	11.2	32.	78.	81.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	11	15.	15.727	35.	0.	135.818	11.654	0.	6.	26.	33.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	11	0.06	0.116	0.53	0.	0.024	0.155	0.004	0.02	0.19	0.469
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	11	0.042	0.043	0.076	0.005	0.001	0.023	0.006	0.03	0.062	0.075
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	9	4.47	4.65	10.2	0.04	11.589	3.404	0.04	1.995	7.58	10.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	11	0.579	0.885	2.71	0.397	0.5	0.707	0.399	0.501	1.2	2.486
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	11	0.012	0.016	0.045	0.	0.	0.013	0.001	0.005	0.025	0.041
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	11	162.	168.818	300.	60.	3682.164	60.681	72.6	140.	200.	284.
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	10	9.15	8.55	12.1	1.4	10.656	3.264	1.74	7.275	10.925	11.99
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	10	1045.	7473.	35000.	140.	147220334.444	12133.439	149.	252.5	15250.	33700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	10	3.006	3.166	4.544	2.146	0.774	0.88	2.168	2.402	4.171	4.524
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1464.416								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	11	6.	14.364	72.	3.	396.455	19.911	3.	3.	15.	61.

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Annual Analysis for 1987 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	12	13.6	14.508	22.	5.5	36.648	6.054	6.49	9.05	20.8	21.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	12	370.	391.417	848.	61.	48157.902	219.449	79.3	285.75	433.25	813.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	12	7.95	8.517	13.6	6.4	3.992	1.998	6.52	6.925	9.625	12.52
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	12	2.45	2.729	4.5	0.5	1.612	1.27	0.77	1.725	3.925	4.485
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	12	6.75	6.975	9.3	6.2	0.731	0.855	6.26	6.425	7.075	8.88
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	12	6.747	6.647	9.3	6.2	0.848	0.921	6.26	6.425	7.075	8.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	12	0.179	0.225	0.631	0.001	0.034	0.185	0.004	0.085	0.378	0.561
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	12	70.	63.75	124.	11.	898.568	29.976	13.7	43.5	79.5	110.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	5	8.	8.6	17.	2.	33.3	5.771	**	**	**	**

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Annual Analysis for 1987 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	9	0.042	0.085	0.249	0.02	0.007	0.081	0.02	0.02	0.139	0.249
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	12	0.023	0.032	0.09	0.005	0.001	0.03	0.005	0.007	0.052	0.088
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	12	3.105	3.039	5.5	0.4	2.19	1.48	0.502	2.16	4.135	5.149
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	6 ##	0.327	0.446	1.47	0.02	0.277	0.527	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	12	0.06	0.159	0.625	0.008	0.043	0.207	0.009	0.026	0.242	0.591
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	151.	161.167	382.	22.	7551.606	86.9	41.8	135.	158.5	342.4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	12	8.	16.583	66.	1.	394.447	19.861	1.3	3.25	26.25	58.8

** - 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 NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	12	13.25	14.325	23.5	4.7	44.062	6.638	5.12	7.575	20.725	23.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	12	394.5	777.833	4850.	128.	1666134.333	1290.788	153.5	374.75	598.5	3588.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	12	7.35	7.167	11.3	0.	9.026	3.004	1.41	5.375	9.225	10.97
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	10	1.45	2.19	9.1	0.5	6.31	2.512	0.5	0.95	2.225	8.45
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	12	7.05	7.2	8.7	6.4	0.453	0.673	6.43	6.65	7.75	8.46
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	12	7.047	6.891	8.7	6.4	0.557	0.746	6.43	6.65	7.75	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	12	0.09	0.129	0.398	0.002	0.016	0.128	0.005	0.022	0.228	0.374
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	12	79.	83.5	136.	58.	523.727	22.885	59.2	70.	89.	131.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	3	7.	14.333	31.	5.	209.333	14.468	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	3	0.075	0.132	0.301	0.02	0.022	0.149	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	11	0.016	0.023	0.053	0.005	0.	0.015	0.006	0.011	0.032	0.05
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	11	3.64	3.564	4.87	1.82	0.67	0.818	2.046	3.	4.14	4.746
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	10 ##	0.073	0.094	0.224	0.02	0.006	0.078	0.02	0.02	0.159	0.224
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	9	0.025	0.042	0.086	0.004	0.001	0.032	0.004	0.015	0.075	0.086
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	166.	201.667	500.	130.	10020.97	100.105	136.6	153.	225.	423.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	1	45.	45.	45.	45.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	1	1.653	1.653	1.653	1.653	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	12	4.5	18.583	132.	3.	1334.265	36.528	3.	4.	19.75	99.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	12	15.95	14.617	21.8	5.2	35.691	5.974	5.29	8.275	19.825	21.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	12	451.	424.75	553.	177.	8705.477	93.303	235.5	389.5	478.	534.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	11	7.3	7.291	10.8	3.1	5.175	2.275	3.4	6.	8.	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	12	1.65	2.588	11.	0.5	8.591	2.931	0.5	0.625	3.7	8.915
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	11	7.5	7.5	8.3	7.	0.188	0.434	7.	7.1	7.7	8.28
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	11	7.5	7.346	8.3	7.	0.214	0.463	7.	7.1	7.7	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	11	0.032	0.045	0.1	0.005	0.001	0.034	0.005	0.02	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	11	76.	73.455	90.	28.	264.073	16.25	36.4	70.	80.	89.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	11	7.	10.091	35.	2.	85.691	9.257	2.4	4.	14.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	10	0.061	0.106	0.25	0.02	0.008	0.09	0.02	0.036	0.218	0.248
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	12	0.043	0.059	0.213	0.012	0.003	0.057	0.014	0.026	0.069	0.186
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	12	2.55	2.703	4.55	0.86	1.84	1.356	0.959	1.31	4.093	4.541
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	6	0.896	1.024	2.54	0.34	0.648	0.805	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	10	0.086	0.166	0.883	0.024	0.066	0.257	0.025	0.046	0.162	0.811
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	158.	157.667	220.	50.	1691.515	41.128	76.4	145.5	181.5	212.2
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	12	9.95	9.633	13.	1.9	10.608	3.257	3.28	7.725	12.4	12.85
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	11	460.	7371.818	54000.	20.	263834636.364	16242.987	60.	330.	4900.	46600.

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Annual Analysis for 1989 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	11	2.663	2.997	4.732	1.301	0.925	0.962	1.509	2.519	3.69	4.632
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			993.981								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	12	8.	20.75	162.	2.	1998.932	44.709	2.3	4.	11.75	118.8

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Annual Analysis for 1990 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	12	15.8	15.117	21.2	9.4	13.812	3.717	9.64	12.125	17.85	20.84
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	12	463.	450.583	618.	216.	11141.902	105.555	250.2	391.5	522.5	596.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	12	6.45	6.567	8.4	3.3	2.193	1.481	3.81	5.925	7.675	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	12	2.9	2.933	7.7	0.1	5.472	2.339	0.13	0.825	4.55	6.83
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	12	7.6	7.592	7.8	7.1	0.043	0.207	7.19	7.5	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	12	7.6	7.54	7.8	7.1	0.046	0.214	7.19	7.5	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	12	0.025	0.029	0.079	0.016	0.	0.018	0.016	0.016	0.032	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	12	65.	68.167	96.	48.	265.788	16.303	49.2	54.	84.5	94.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	12	8.5	17.083	110.	2.	889.174	29.819	2.	4.75	13.5	83.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	12	0.186	0.204	0.49	0.02	0.024	0.154	0.029	0.066	0.282	0.486
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	12	0.048	0.121	0.776	0.012	0.045	0.211	0.014	0.029	0.102	0.593
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	12	2.185	2.208	3.21	1.29	0.219	0.467	1.44	1.965	2.465	3.009
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	12	1.125	1.036	1.67	0.102	0.188	0.434	0.245	0.734	1.25	1.646
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	12	0.07	0.072	0.188	0.004	0.003	0.058	0.004	0.009	0.102	0.176
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	150.	155.333	220.	84.	1113.697	33.372	98.4	141.	179.5	209.8
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	11	5.6	5.445	7.2	1.8	2.235	1.495	2.26	5.2	6.1	7.18
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	1	4.342	4.342	4.342	4.342	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22000.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	12	17.	19.417	54.	8.	174.083	13.194	8.	10.	21.5	48.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	7	11.2	14.086	21.4	8.6	28.131	5.304	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	7	517.	434.857	765.	68.	52771.81	229.721	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	6	6.65	6.317	8.5	2.7	4.046	2.011	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	7	0.6	1.464	4.4	0.1	2.567	1.602	**	**	**	**
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	7	7.6	7.3	7.8	6.6	0.247	0.497	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	7	7.6	7.055	7.8	6.6	0.316	0.563	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	7	0.025	0.088	0.251	0.016	0.009	0.097	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	7	64.	76.857	150.	18.	2134.476	46.2	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	7	5.	14.857	56.	2.	368.143	19.187	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	7	0.235	0.325	0.641	0.115	0.046	0.214	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	7	0.05	0.091	0.248	0.034	0.006	0.077	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	7	1.67	1.896	3.54	0.38	1.021	1.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	7	1.58	1.441	2.13	0.73	0.239	0.489	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	7	0.102	0.099	0.194	0.024	0.004	0.062	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	7	154.	152.857	326.	30.	9527.81	97.61	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	7	6.4	5.229	8.3	0.7	6.752	2.599	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	7	19.	45.143	162.	7.	3147.476	56.102	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	9	15.3	16.978	22.1	13.3	10.809	3.288	13.3	14.05	20.	22.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	9	520.	495.333	613.	208.	14328.	119.7	208.	464.5	577.5	613.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	9	5.9	6.011	9.5	3.5	3.299	1.816	3.5	4.6	7.25	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	8 ##	3.375	3.538	6.3	1.6	1.734	1.317	**	**	**	**
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	9	7.4	7.3	7.7	6.7	0.11	0.332	6.7	7.	7.55	7.7
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	9	7.4	7.178	7.7	6.7	0.127	0.356	6.7	7.	7.55	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	9	0.04	0.066	0.2	0.02	0.003	0.058	0.02	0.028	0.1	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	9	76.	74.444	102.	42.	383.778	19.59	42.	57.	90.	102.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	8	0.2	0.24	0.5	0.02	0.03	0.173	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	5	0.06	0.07	0.13	0.02	0.003	0.053	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	4	0.07	0.073	0.12	0.03	0.001	0.038	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	1	3.36	3.36	3.36	3.36	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	9	204.	196.222	248.	76.	2835.444	53.249	76.	175.	237.	248.
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	14	8.2	7.7	13.8	2.6	11.668	3.416	2.6	4.8	9.1	13.8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	16	7646.5	19836.625	84503.	93.	817255772.783	28587.686	93.	2135.	35218.	84503.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	16	3.883	3.759	4.927	1.968	0.769	0.877	1.968	3.302	4.479	4.927
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5737.976								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	9	14.	14.222	35.	5.	97.444	9.871	5.	5.5	19.5	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 1995 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	12	13.55	13.892	21.8	2.8	39.334	6.272	3.97	8.35	20.55	21.62
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	12	539.	528.167	892.	103.	34118.515	184.712	189.1	459.75	611.75	820.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	12	6.45	6.758	9.6	5.	1.821	1.349	5.03	5.925	7.775	9.24
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	12 ##	3.325	3.3	4.9	1.8	0.873	0.934	1.89	2.7	3.7	4.87
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	12	7.3	7.292	7.6	6.9	0.048	0.219	6.93	7.125	7.5	7.57
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	12	7.3	7.239	7.6	6.9	0.051	0.226	6.93	7.125	7.5	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	12	0.05	0.058	0.126	0.025	0.001	0.031	0.027	0.032	0.075	0.118
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	12	66.	76.833	140.	38.	933.424	30.552	42.8	55.	104.	133.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	8	33.	60.75	286.	5.	8629.357	92.894	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	5	0.042	0.113	0.248	0.02	0.014	0.118	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	6	0.045	0.066	0.178	0.032	0.003	0.055	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	179.	167.167	242.	52.	3111.606	55.782	65.2	126.5	215.	237.2
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	5	8.1	6.36	11.3	1.6	18.763	4.332	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	11	8000.	19355.364	90000.	10.	861396390.855	29349.555	38.	1700.	28000.	84000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	11	3.903	3.587	4.954	1.	1.326	1.152	1.235	3.23	4.447	4.919
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3865.182								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	12	19.	19.083	31.	8.	70.083	8.372	8.3	11.25	28.	30.7

** - 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 1996 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	9	15.6	15.644	20.	9.6	14.855	3.854	9.6	12.5	19.4	20.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	9	510.	488.333	650.	362.	7349.	85.726	362.	420.	528.	650.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	9	7.3	7.656	9.5	4.9	2.208	1.486	4.9	6.8	8.95	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	9	3.7	4.261	8.1	2.1	3.261	1.806	2.1	3.05	5.4	8.1
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	9	7.4	7.444	7.9	6.7	0.158	0.397	6.7	7.2	7.8	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 1996 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	9	7.4	7.269	7.9	6.7	0.192	0.438	6.7	7.2	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	9	0.04	0.054	0.2	0.013	0.003	0.059	0.013	0.016	0.065	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	9	54.	56.444	110.	12.	836.778	28.927	12.	39.	77.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	7	8.	15.429	54.	4.	310.286	17.615	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	2	0.172	0.172	0.204	0.139	0.002	0.046	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	9	198.	183.111	238.	64.	2650.111	51.479	64.	167.	217.	238.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	9	30000.	39463.333	90000.	170.	959604600.	30977.485	170.	13500.	65000.	90000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	9	4.477	4.272	4.954	2.23	0.725	0.852	2.23	4.021	4.801	4.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18723.069								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	9	10.	10.444	25.	3.	48.778	6.984	3.	5.	14.	25.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	34	21.	19.991	23.5	13.8	5.297	2.302	15.8	18.75	21.475	22.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	34	493.	482.412	765.	61.	23606.977	153.646	274.5	397.5	607.25	647.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	32	6.3	6.153	9.2	2.7	1.811	1.346	4.42	5.2	6.975	7.75
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	31	2.6	2.792	5.6	0.1	1.945	1.394	1.04	1.7	3.75	4.76
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	33	7.4	7.364	7.9	6.5	0.161	0.401	6.74	7.1	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	33	7.4	7.16	7.9	6.5	0.203	0.451	6.74	7.1	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	33	0.04	0.069	0.316	0.013	0.006	0.08	0.016	0.02	0.082	0.183
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	34	77.5	80.647	150.	11.	1271.993	35.665	18.	61.5	100.	133.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	24	8.5	11.188	60.	0.02	156.516	12.511	0.25	4.	15.	21.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	24	0.083	0.149	0.641	0.02	0.03	0.172	0.02	0.02	0.237	0.483
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	25	0.032	0.05	0.178	0.005	0.003	0.054	0.005	0.013	0.054	0.154
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	23	2.39	2.448	4.34	0.02	1.562	1.25	0.184	1.82	3.37	4.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	20	0.593	1.071	5.42	0.062	1.507	1.228	0.113	0.3	1.25	2.499
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-07/15/91	17	0.265	0.271	0.81	0.	0.044	0.21	0.014	0.069	0.397	0.58
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-07/15/91	16	0.132	0.163	0.579	0.	0.024	0.154	0.013	0.034	0.251	0.42
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	24	0.055	0.061	0.161	0.008	0.002	0.042	0.014	0.025	0.092	0.128
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	34	185.	185.735	326.	22.	3792.564	61.584	109.5	152.	227.	248.
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	21	8.3	8.305	13.8	2.9	8.658	2.943	4.8	5.85	10.4	13.4
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	6 ##	5.	6.667	15.	5.	16.667	4.082	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	6	92.5	383.917	1940.	5.	584492.642	764.521	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	6	642.5	844.	1880.	157.	428989.6	654.973	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	6 ##	25.	21.667	25.	5.	66.667	8.165	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	6	64.	112.167	319.	39.	11230.567	105.974	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	21	3584.	21938.571	90000.	10.	1026246054.257	32035.075	154.	395.	42500.	84503.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	21	3.554	3.503	4.954	1.	1.231	1.11	2.181	2.591	4.622	4.927
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3181.867								
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	4 ##	0.1	0.15	0.3	0.1	0.01	0.1	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	34	10.	13.176	60.	3.	146.574	12.107	3.	4.75	17.5	27.5

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Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	47	10.2	10.757	24.7	0.2	21.72	4.661	5.36	7.4	13.9	16.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	47	410.	508.234	4850.	122.	439781.531	663.16	209.6	362.	483.	556.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	44	7.65	7.661	11.5	3.1	3.496	1.87	4.8	6.625	9.	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	43	3.1	3.12	11.	0.	6.192	2.488	0.37	1.1	4.4	6.96
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	46	7.15	7.22	8.3	6.2	0.222	0.472	6.6	6.975	7.6	7.83
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	46	7.147	6.986	8.3	6.2	0.278	0.527	6.6	6.975	7.6	7.83
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	46	0.071	0.103	0.631	0.005	0.015	0.121	0.015	0.025	0.106	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	48	70.	66.	124.	28.	351.489	18.748	37.8	54.	80.	82.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	40	10.	24.408	286.	0.	2294.282	47.899	0.11	4.	26.	59.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	36	0.053	0.107	0.591	0.	0.013	0.115	0.015	0.02	0.188	0.235
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	41	0.04	0.079	0.776	0.005	0.018	0.133	0.01	0.025	0.082	0.185
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	37	3.45	3.8	15.8	0.22	8.877	2.979	0.836	1.72	4.755	6.404
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	32	0.579	0.719	2.95	0.02	0.414	0.643	0.06	0.222	1.128	1.547
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-07/15/91	28	0.088	0.181	0.702	0.019	0.032	0.179	0.035	0.059	0.234	0.477
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-07/15/91	29	0.033	0.105	0.506	0.005	0.019	0.136	0.012	0.024	0.139	0.368
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	33	0.024	0.075	0.513	0.	0.012	0.109	0.004	0.012	0.101	0.235
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	48	159.	164.333	500.	50.	5030.525	70.926	83.2	145.	178.	200.8
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	32	6.9	7.144	12.5	1.4	12.981	3.603	1.83	3.675	10.275	12.34
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	10 ##	2.5	2.35	2.5	1.	0.225	0.474	1.15	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	10 ##	5.	5.45	12.	2.5	5.914	2.432	2.75	5.	5.	11.3
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	10 ##	18.75	25.85	60.	5.	351.725	18.754	5.5	11.875	43.5	58.8
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	10	937.5	1137.2	3057.	2.	1179429.067	1086.015	16.1	174.5	1980.	3018.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	10 ##	25.	20.75	25.	2.5	80.625	8.979	2.75	20.	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	10	93.	229.8	1045.	0.	103752.844	322.107	4.7	47.	281.25	991.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	30	1940.	13521.133	90000.	0.	542765857.154	23297.336	20.	150.75	18250.	52100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	30	3.283	3.162	4.954	0.	1.621	1.273	1.301	2.165	4.258	4.714
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1452.99								
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	11 ##	0.1	0.118	0.3	0.1	0.004	0.06	0.1	0.1	0.1	0.26
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	49	14.	23.898	162.	1.	1043.151	32.298	2.7	5.	27.	72.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/19/83-12/02/96	31	16.3	16.468	21.	9.5	10.902	3.302	11.4	13.3	19.3	20.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/19/83-12/02/96	31	426.	418.903	613.	68.	15259.157	123.528	296.	371.	518.	554.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/20/84-12/02/96	30	7.15	7.173	13.6	0.	6.937	2.634	5.12	5.8	8.625	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	06/18/84-12/02/96	30	2.5	2.6	8.7	0.	4.001	2.	0.5	1.15	3.138	4.76
00400	PH (STANDARD UNITS)	12/19/83-12/02/96	30	7.5	7.437	9.3	6.2	0.394	0.628	6.61	7.075	7.725	8.18
00400	CONVERTED PH (STANDARD UNITS)	12/19/83-12/02/96	30	7.5	7.074	9.3	6.2	0.53	0.728	6.61	7.075	7.725	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/19/83-12/02/96	30	0.032	0.084	0.631	0.001	0.018	0.133	0.007	0.019	0.085	0.246
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/19/83-12/02/96	32	71.	72.313	138.	10.	640.802	25.314	40.4	59.	80.	106.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/19/83-12/02/96	27	6.	11.226	56.	0.2	216.303	14.707	0.48	2.	11.	38.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/19/83-04/09/96	24	0.12	0.142	0.53	0.01	0.017	0.129	0.02	0.026	0.222	0.326
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	29	0.044	0.056	0.248	0.005	0.003	0.053	0.01	0.022	0.066	0.12
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/19/83-07/17/95	25	2.92	2.996	5.94	0.32	1.651	1.285	1.154	2.225	4.005	4.644
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/19/83-07/15/91	20	0.551	0.78	2.71	0.02	0.482	0.694	0.026	0.283	1.204	1.671
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/19/83-07/15/91	16	0.119	0.195	0.578	0.014	0.033	0.183	0.026	0.044	0.327	0.558
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/19/83-07/15/91	16	0.078	0.133	0.417	0.005	0.018	0.134	0.005	0.034	0.269	0.371
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/19/83-04/17/95	25	0.026	0.099	0.883	0.004	0.042	0.206	0.004	0.011	0.083	0.363
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	31	164.	165.29	248.	30.	2326.013	48.229	116.	144.	200.	234.
00956	SILICA, TOTAL (MG/L AS SI02)	12/19/83-07/17/95	22	8.9	8.214	13.	0.7	11.792	3.434	2.63	5.875	10.8	12.54
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	6 ##	8.75	8.75	12.5	5.	16.875	4.108	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	6	386.5	554.167	1770.	1.	395687.767	629.037	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	6 ##	25.	22.	25.	7.	54.	7.348	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	6	91.	115.333	269.	20.	9320.267	96.542	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	23	3300.	10586.348	50000.	10.	245610478.783	15671.965	72.	260.	9916.	43652.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/19/83-12/02/96	23	3.519	3.294	4.699	1.	1.112	1.055	1.651	2.415	3.996	4.64
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1966.791								
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	6 ##	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/19/83-12/02/96	32	8.	15.647	162.	1.6	827.277	28.762	2.37	4.	14.5	32.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0177

NPS Station ID: NACC0177
LAT/LON: 38.927504/ -77.101670
Agency: 21DCBAWQ
Date Created: 10/28/86
Location: C&O CANAL FLETCHER'S BOATHOUSE, D.C.
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TCO06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010040
RF1 Mile Point: 2.750
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003201.47
RF3 Mile Point: 2.33
Distance from RF3: 0.44
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH
STATION LOCATION: C&O CANAL FLETCHER'S BOATHOUSE, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	120	16.85	16.881	30.6	0.3	70.344	8.387	4.67	9.4	24.175	27.7
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	120	304.5	305.883	521.	102.	6406.003	80.038	200.5	255.5	347.5	415.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	116	7.75	7.903	14.5	0.4	6.912	2.629	5.18	6.225	9.7	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	103	1.2	1.446	5.2	0.	1.147	1.071	0.5	0.5	1.8	2.86
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	116	7.7	7.718	8.7	6.	0.323	0.568	6.9	7.425	8.175	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	116	7.7	7.283	8.7	6.	0.514	0.717	6.9	7.425	8.175	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	116	0.02	0.052	1.	0.002	0.016	0.126	0.003	0.007	0.038	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	117	80.	78.615	132.	0.	480.515	21.921	53.6	64.	94.	102.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	87	8.	10.159	97.	0.	151.888	12.324	0.1	2.	15.	20.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	97	0.04	0.046	0.199	0.	0.001	0.037	0.02	0.02	0.06	0.087
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	106	0.01	0.014	0.226	0.005	0.001	0.023	0.005	0.005	0.018	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	94	1.125	1.116	2.34	0.19	0.175	0.419	0.605	0.803	1.37	1.675
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	75	0.442	0.424	0.985	0.02	0.06	0.246	0.022	0.264	0.601	0.758
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	2	1.175	1.175	1.79	0.56	0.756	0.87	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-12/14/92	69	0.074	0.075	0.208	0.013	0.001	0.037	0.035	0.05	0.095	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-12/14/92	68	0.04	0.044	0.103	0.005	0.001	0.024	0.017	0.024	0.066	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	91	0.021	0.026	0.082	0.	0.	0.02	0.004	0.008	0.037	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/18/83-12/19/83	3	5.	3.667	5.	1.	5.333	2.309	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	116	129.	134.716	274.	72.	1028.936	32.077	98.	112.5	151.5	176.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/18/83-12/19/83	3	28.	39.333	63.	27.	420.333	20.502	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	91	2.5	2.415	7.5	0.	1.968	1.403	0.64	1.4	3.2	3.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/10/94-10/03/94	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/18/83-10/03/94	24 ##	2.5	2.438	2.5	1.	0.094	0.306	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/18/83-10/03/94	24 ##	5.	5.313	15.	2.5	4.518	2.125	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	10/18/83-10/03/94	24 ##	12.5	9.583	12.5	5.	13.406	3.661	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	10/18/83-10/03/94	24	362.	421.625	1094.	0.	97095.897	311.602	2.5	234.5	645.	918.
01051	LEAD, TOTAL (UG/L AS PB)	10/18/83-10/03/94	25 ##	25.	18.7	25.	0.	106.833	10.336	2.5	3.75	25.	25.
01092	ZINC, TOTAL (UG/L AS ZN)	10/18/83-10/03/94	24	21.5	46.5	300.	0.	4719.652	68.7	8.	10.25	47.75	155.
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-07/18/94	17 ##	2.5	2.353	2.5	0.	0.368	0.606	2.	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/18/83-02/22/84	4	5600.	9125.	24000.	1300.	105975833.333	10294.456	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/18/83-02/22/84	4	3.708	3.728	4.38	3.114	0.292	0.54	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5340.401								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	78	130.	559.051	24000.	10.	7372234.673	2715.186	20.	40.	230.	944.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	78	2.114	2.047	4.38	1.	0.421	0.649	1.301	1.602	2.362	2.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			111.508								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-03/16/92	5	300.	298.	450.	140.	17020.	130.461	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-03/16/92	5	2.477	2.436	2.653	2.146	0.045	0.211	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			272.841								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	16	4200.	7287.5	21000.	500.	40775246.667	6385.55	850.	2395.	12400.	18480.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	16	3.623	3.67	4.322	2.699	0.214	0.462	2.91	3.379	4.093	4.265
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			4673.92								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/18/83-10/21/86	22	3.	5.636	24.	0.	43.242	6.576	0.5	0.875	7.25	18.4
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	10/18/83-10/21/86	23	4.	13.13	84.	0.5	391.641	19.79	0.7	3.	16.	42.
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/83-07/18/94	23 ##	0.1	0.122	0.6	0.1	0.011	0.104	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	120	12.	16.442	115.	2.	250.635	15.831	5.	7.25	19.	27.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------7/01-10/14---------- Obs	Exceed	Prop.	----------10/15-3/31---------- Obs	Exceed	Prop.	----------4/01-6/30---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	116	6	0.05	34	1	0.03	48	4	0.08	34	1	0.03			
00400	PH	Fresh Chronic	9.	116	0	0.00	35	0	0.00	48	0	0.00	33	0	0.00			
		Other-Lo Lim.	6.5	116	4	0.03	35	1	0.03	48	2	0.04	33	1	0.03			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	106	0	0.00	31	0	0.00	43	0	0.00	32	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	94	0	0.00	29	0	0.00	38	0	0.00	27	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00				3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00			
		Drinking Water	50.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
		Drinking Water	5.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
		Drinking Water	1300.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	25	0	0.00	7	0	0.00	13	0	0.00	5	0	0.00			
		Drinking Water	15.	7 &	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	24	3	0.13	7	1	0.14	12	1	0.08	5	1	0.20			
		Drinking Water	5000.	24	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	17	0	0.00	5	0	0.00	9	0	0.00	3	0	0.00			
		Drinking Water	50.	17	0	0.00	5	0	0.00	9	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	78	23	0.29	27	9	0.33	31	7	0.23	20	7	0.35			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	4	0.80				5	4	0.80						
71900	MERCURY, TOTAL	Fresh Acute	2.4	23	0	0.00	5	0	0.00	13	0	0.00	5	0	0.00			
		Drinking Water	2.	23	0	0.00	5	0	0.00	13	0	0.00	5	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	120	5	0.04	36	2	0.06	50	2	0.04	34	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	3	8.9	10.367	16.9	5.3	35.253	5.937	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	3	170.	217.333	380.	102.	21001.333	144.918	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	3	2.	4.	9.4	0.6	22.36	4.729	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	3	6.9	6.967	7.1	6.9	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	3	6.9	6.957	7.1	6.9	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	3	0.126	0.11	0.126	0.079	0.001	0.027	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	3	60.	70.	100.	50.	700.	26.458	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	3	7.	8.667	12.	7.	8.333	2.887	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	3	0.055	0.057	0.075	0.04	0.	0.018	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	3	1.51	1.39	1.75	0.91	0.187	0.433	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	3	0.402	0.315	0.442	0.1	0.035	0.187	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	3	0.044	0.043	0.055	0.03	0.	0.013	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	3	2.9	2.533	3.9	0.8	2.503	1.582	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	3	19.	19.333	23.	16.	12.333	3.512	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	10	17.2	16.43	28.3	1.	80.407	8.967	1.62	8.775	24.225	28.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	10	222.	248.2	442.	130.	9092.622	95.355	134.	176.	320.75	430.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	9	6.1	6.333	9.6	1.4	9.042	3.007	1.4	3.85	9.1	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	7	7.5	7.771	8.6	7.2	0.339	0.582	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	7	7.5	7.524	8.6	7.2	0.41	0.641	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	7	0.032	0.03	0.063	0.003	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	9	70.	73.333	112.	46.	429.	20.712	46.	57.	88.	112.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	9	12.	12.111	24.	4.	28.361	5.326	4.	9.5	13.	24.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	10	0.045	0.074	0.199	0.01	0.005	0.069	0.01	0.021	0.145	0.196
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	10 ##	0.005	0.013	0.035	0.005	0.	0.011	0.005	0.005	0.024	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	10	1.215	1.314	2.34	0.76	0.239	0.488	0.765	0.953	1.595	2.294
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	10	0.474	0.424	0.839	0.1	0.052	0.229	0.112	0.223	0.553	0.819
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	10	0.017	0.026	0.058	0.007	0.	0.019	0.007	0.012	0.049	0.057
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	10	114.	120.8	176.	92.	775.289	27.844	92.6	99.5	136.	174.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	9	2.7	2.878	3.7	1.2	0.609	0.781	1.2	2.6	3.6	3.7
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	10	18.5	26.9	78.	6.	477.211	21.845	7.	16.75	31.5	75.6

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Annual Analysis for 1985 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	8	22.1	22.013	27.7	14.3	22.793	4.774	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	8	278.5	275.375	445.	108.	13141.125	114.635	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	7	7.7	7.786	10.9	6.2	2.765	1.663	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	8	1.55	1.988	5.2	0.	3.033	1.741	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	8	7.75	7.875	8.6	7.3	0.231	0.48	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	8	7.747	7.691	8.6	7.3	0.269	0.519	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	8	0.018	0.02	0.05	0.003	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	8	77.	70.5	96.	6.	770.	27.749	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	8	10.	10.	17.	0.	32.571	5.707	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	8 ##	0.02	0.029	0.061	0.02	0.	0.017	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8 ##	0.005	0.009	0.018	0.005	0.	0.006	**	**	**	**

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Annual Analysis for 1985 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8	0.74	0.804	1.13	0.58	0.035	0.188	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	8	0.536	0.509	0.641	0.32	0.013	0.113	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	7	0.036	0.035	0.061	0.004	0.001	0.024	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	8	132.	137.5	180.	120.	398.571	19.964	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	5	1.6	1.53	2.8	0.05	1.135	1.065	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	8	12.5	14.5	23.	10.	22.571	4.751	**	**	**	**

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Annual Analysis for 1986 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	7	25.4	20.757	26.5	4.4	73.47	8.571	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	7	319.	369.	521.	286.	8732.	93.445	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	6	6.85	7.583	12.3	4.8	7.894	2.81	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	8	1.75	2.125	4.6	0.	2.014	1.419	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	7	7.9	7.743	8.5	6.9	0.39	0.624	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	7	7.9	7.393	8.5	6.9	0.532	0.73	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	7	0.013	0.04	0.126	0.003	0.003	0.051	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	7	76.	65.143	92.	0.	926.476	30.438	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	8	18.	24.5	97.	0.	986.	31.401	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	8	0.05	0.05	0.103	0.	0.001	0.036	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8	0.019	0.018	0.026	0.005	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8	0.565	0.74	2.1	0.19	0.474	0.688	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	8	0.725	0.681	0.985	0.341	0.05	0.224	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	8	0.008	0.01	0.021	0.	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	7	126.	144.	196.	116.	1010.667	31.791	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	5	1.8	1.74	2.2	1.	0.198	0.445	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	7	19.	25.571	66.	9.	428.286	20.695	**	**	**	**

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Annual Analysis for 1987 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	10	20.1	16.95	29.7	0.3	107.894	10.387	0.72	6.375	26.05	29.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	10	308.	318.	460.	216.	5323.556	72.963	220.5	264.	356.	455.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	10	8.6	9.28	14.5	4.8	6.735	2.595	5.12	8.075	10.725	14.22
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	8	1.45	1.613	2.9	0.5	0.604	0.777	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	10	7.5	7.43	8.7	6.1	0.593	0.77	6.14	6.8	8.025	8.64
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	10	7.5	6.859	8.7	6.1	0.956	0.978	6.14	6.8	8.025	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	10	0.032	0.138	0.794	0.002	0.062	0.249	0.003	0.009	0.173	0.747
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	10	66.	68.8	110.	10.	712.178	26.687	14.6	59.	88.5	108.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	3	15.	10.667	15.	2.	56.333	7.506	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	7 ##	0.02	0.032	0.05	0.02	0.	0.015	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8 ##	0.008	0.01	0.02	0.005	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8	0.96	1.114	2.05	0.75	0.181	0.426	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	2 ##	0.146	0.146	0.271	0.02	0.032	0.177	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	8	0.013	0.013	0.029	0.004	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	10	117.	123.	166.	92.	664.889	25.785	92.2	100.	151.	164.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	10	14.	16.1	38.	5.	83.211	9.122	5.5	10.	19.25	36.5

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Annual Analysis for 1988 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	11	16.	17.073	30.5	4.2	84.526	9.194	4.44	9.3	24.4	30.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	11	315.	360.	511.	288.	6215.6	78.839	288.2	290.	419.	501.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	11	9.4	8.5	12.	3.9	7.682	2.772	4.06	6.3	10.9	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	10	1.3	1.67	3.9	0.5	1.027	1.013	0.55	1.075	2.35	3.79
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	11	7.6	7.7	8.7	6.7	0.498	0.706	6.72	7.1	8.5	8.68
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	11	7.6	7.283	8.7	6.7	0.69	0.83	6.72	7.1	8.5	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	11	0.025	0.052	0.2	0.002	0.005	0.067	0.002	0.003	0.079	0.191
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	11	92.	88.727	110.	70.	132.218	11.499	71.2	80.	94.	108.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	3 ##	2.	5.333	12.	2.	33.333	5.774	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	11	0.014	0.013	0.022	0.005	0.	0.006	0.005	0.005	0.018	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	11	0.99	1.056	1.82	0.61	0.169	0.411	0.624	0.7	1.16	1.814
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	10 ##	0.02	0.062	0.352	0.02	0.011	0.105	0.02	0.02	0.044	0.327
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	9	0.012	0.016	0.04	0.004	0.	0.015	0.004	0.004	0.032	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	11	144.	144.364	194.	120.	505.455	22.482	120.	122.	152.	189.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	11	12.	12.545	34.	2.	97.473	9.873	2.4	5.	16.	32.4

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Annual Analysis for 1989 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	9	12.3	11.667	22.7	2.7	47.997	6.928	2.7	4.6	17.35	22.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	9	300.	285.778	369.	188.	2768.444	52.616	188.	254.	320.	369.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	8	9.2	9.137	11.4	6.8	2.074	1.44	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	10	1.1	1.15	2.3	0.5	0.354	0.595	0.5	0.5	1.575	2.25
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	8	8.1	8.013	8.4	7.6	0.081	0.285	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	8	8.089	7.931	8.4	7.6	0.089	0.298	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	8	0.008	0.012	0.025	0.004	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	8	62.	68.5	94.	48.	276.286	16.622	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	10	8.5	10.	18.	2.	31.111	5.578	2.2	6.25	15.75	18.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	10	0.043	0.042	0.093	0.02	0.001	0.024	0.02	0.02	0.053	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	10 ##	0.008	0.031	0.226	0.005	0.005	0.069	0.005	0.005	0.015	0.205
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	10	1.205	1.238	1.63	0.96	0.05	0.225	0.967	1.053	1.373	1.626
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	6	0.445	0.463	0.821	0.272	0.039	0.196	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	8	0.027	0.025	0.043	0.004	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	9	108.	110.667	146.	72.	465.	21.564	72.	99.	128.	146.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	10	2.65	2.36	3.3	1.	0.705	0.84	1.04	1.4	3.2	3.29
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	9	12.	14.667	48.	5.	165.5	12.865	5.	8.5	14.	48.

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Annual Analysis for 1990 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	8	18.9	17.138	25.6	8.7	32.934	5.739	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	8	277.	278.625	343.	205.	2904.268	53.891	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	8	8.4	8.15	10.4	5.4	4.294	2.072	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	8	1.4	1.563	4.9	0.1	2.711	1.647	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	8	7.8	7.875	8.4	7.6	0.082	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	8	7.8	7.807	8.4	7.6	0.087	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	8	0.016	0.016	0.025	0.004	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	8	78.	75.75	98.	52.	400.5	20.012	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	8	11.5	11.5	20.	2.	37.714	6.141	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	8 ##	0.02	0.044	0.104	0.02	0.001	0.035	**	**	**	**

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Annual Analysis for 1990 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8 ##	0.008	0.011	0.023	0.005	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	8	1.34	1.254	1.79	0.6	0.125	0.353	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	8	0.523	0.503	0.731	0.1	0.034	0.185	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	8	0.03	0.027	0.052	0.004	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	8	129.	118.75	142.	82.	623.929	24.979	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	9	2.5	2.578	4.8	0.3	1.937	1.392	0.3	1.7	3.85	4.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	8	15.5	16.5	28.	6.	56.857	7.54	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	12	13.4	15.867	27.6	2.6	76.744	8.76	3.83	9.325	25.35	27.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	12	352.	355.333	459.	266.	4123.152	64.212	272.6	298.5	414.	449.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	12	6.8	7.45	13.3	0.4	9.948	3.154	2.17	6.45	8.45	12.85
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	12	0.5	0.737	1.8	0.05	0.358	0.598	0.065	0.2	1.275	1.71
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	12	8.15	8.075	8.7	7.1	0.291	0.54	7.22	7.625	8.575	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	12	8.082	7.773	8.7	7.1	0.39	0.625	7.22	7.625	8.575	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	12	0.008	0.017	0.079	0.002	0.	0.022	0.002	0.003	0.024	0.065
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	11	98.	94.909	132.	60.	503.491	22.439	60.8	80.	114.	129.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	12	8.5	11.	30.	2.	80.727	8.985	2.	4.25	17.5	28.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	12 ##	0.03	0.04	0.089	0.02	0.001	0.024	0.02	0.02	0.061	0.083
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	12 ##	0.008	0.009	0.018	0.005	0.	0.005	0.005	0.005	0.014	0.017
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	12	1.135	1.035	1.72	0.41	0.169	0.411	0.413	0.643	1.298	1.636
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	11	0.526	0.494	0.826	0.17	0.033	0.183	0.195	0.396	0.617	0.788
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	12	0.022	0.031	0.07	0.003	0.001	0.026	0.003	0.007	0.061	0.068
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	11	142.	142.364	186.	98.	767.055	27.696	100.8	114.	164.	182.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	12	1.5	1.833	4.4	0.	2.079	1.442	0.09	0.575	3.1	4.22
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	12	11.	18.583	78.	6.	408.811	20.219	6.	7.	22.75	63.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	12	13.55	15.2	28.7	5.9	63.153	7.947	6.2	7.35	22.1	27.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	12	306.	297.417	399.	220.	3324.447	57.658	224.5	245.	348.5	388.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	12	8.4	8.3	12.	5.3	4.662	2.159	5.45	6.45	10.125	11.73
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	9	1.1	1.222	2.1	0.5	0.324	0.57	0.5	0.75	1.8	2.1
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	12	7.5	7.583	8.4	6.5	0.36	0.6	6.56	7.325	8.175	8.37
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	12	7.5	7.203	8.4	6.5	0.518	0.719	6.56	7.325	8.175	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	12	0.032	0.063	0.316	0.004	0.009	0.096	0.004	0.007	0.048	0.281
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	12	81.	77.833	106.	38.	422.879	20.564	43.4	59.5	96.	103.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	11	0.045	0.044	0.084	0.02	0.001	0.026	0.02	0.02	0.068	0.083
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	11 ##	0.005	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.028
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	11	1.32	1.27	1.62	0.89	0.04	0.2	0.926	1.15	1.39	1.586
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	9	0.381	0.44	0.87	0.211	0.049	0.221	0.211	0.264	0.601	0.87
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	11	0.042	0.042	0.082	0.013	0.001	0.023	0.013	0.02	0.06	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	12	125.5	122.917	150.	82.	478.811	21.882	85.	106.	143.	148.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	10	2.7	2.49	3.4	0.5	1.028	1.014	0.54	2.025	3.3	3.39
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	12	15.	15.083	30.	5.	59.356	7.704	5.	7.75	21.	27.6

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Annual Analysis for 1993 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	9	21.6	19.044	28.7	4.6	80.503	8.972	4.6	11.4	28.35	28.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	9	329.	311.222	392.	169.	5564.444	74.595	169.	257.5	374.5	392.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	9	7.1	7.656	14.4	4.9	8.453	2.907	4.9	5.75	8.7	14.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	8	1.45	1.813	3.7	0.5	1.556	1.247	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	9	7.5	7.5	8.2	6.7	0.185	0.43	6.7	7.25	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	9	7.5	7.299	8.2	6.7	0.23	0.48	6.7	7.25	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	9	0.032	0.05	0.2	0.006	0.004	0.06	0.006	0.016	0.06	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	9	86.	86.	110.	50.	393.	19.824	50.	73.	103.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	5	0.1	0.29	1.	0.05	0.161	0.401	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	6	0.04	0.072	0.19	0.02	0.005	0.069	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	6	0.015	0.024	0.07	0.005	0.001	0.024	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	2	0.91	0.91	1.15	0.67	0.115	0.339	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	3	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	9	144.	143.778	190.	84.	974.444	31.216	84.	126.	168.	190.
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	7	2.1	2.743	6.6	0.6	3.916	1.979	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	9	8.	19.333	115.	3.	1303.	36.097	3.	4.	13.5	115.

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Annual Analysis for 1994 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	10	14.8	15.8	30.3	0.3	77.211	8.787	1.09	8.725	23.5	29.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	10	318.5	303.5	381.	191.	3723.167	61.018	196.3	254.5	350.	379.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	10	7.45	8.03	12.6	4.4	5.209	2.282	4.6	6.55	9.7	12.31
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	11	1.1	1.245	3.	0.5	0.705	0.839	0.5	0.5	1.5	2.9
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	10	7.65	7.69	8.4	6.9	0.152	0.39	6.96	7.5	7.925	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	10	7.647	7.52	8.4	6.9	0.184	0.429	6.96	7.5	7.925	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	10	0.023	0.03	0.126	0.004	0.001	0.035	0.005	0.012	0.032	0.116
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	10	83.	82.2	114.	50.	513.289	22.656	50.4	58.5	99.	114.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	11	0.1	0.122	0.3	0.02	0.01	0.101	0.02	0.04	0.2	0.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	8 ##	0.035	0.041	0.08	0.02	0.001	0.024	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	7	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	2	1.47	1.47	1.55	1.39	0.013	0.113	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	10	148.	166.4	274.	120.	2513.6	50.136	120.2	123.5	195.5	268.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	18	2.5	2.756	7.5	0.3	3.89	1.972	0.3	1.625	3.05	7.5
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	10	9.	12.1	27.	4.	62.767	7.923	4.1	6.5	17.25	26.7

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Annual Analysis for 1995 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	11	19.	18.845	30.6	3.2	83.445	9.135	3.82	14.	27.2	30.26
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	11	274.	288.727	341.	248.	1245.618	35.293	248.8	255.	330.	339.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	11	6.7	7.727	11.6	5.5	5.502	2.346	5.52	5.6	9.7	11.52
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	10	1.4	1.31	2.6	0.5	0.63	0.794	0.5	0.5	2.	2.57
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	11	7.8	7.673	8.3	6.	0.38	0.617	6.3	7.5	8.1	8.28
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	11	7.8	6.973	8.3	6.	0.92	0.959	6.3	7.5	8.1	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	11	0.016	0.107	1.	0.005	0.088	0.296	0.005	0.008	0.032	0.806
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	11	84.	83.273	100.	70.	101.018	10.051	70.4	74.	94.	98.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	6	10.5	13.667	34.	6.	118.667	10.893	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	3	0.046	0.038	0.047	0.02	0.	0.015	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	4 ##	0.005	0.007	0.014	0.005	0.	0.005	**	**	**	**

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Annual Analysis for 1995 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	11	144.	140.727	224.	100.	1428.218	37.792	100.8	106.	164.	213.2
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	3	2.9	2.467	3.4	1.1	1.463	1.21	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	11	7.	8.091	17.	3.	15.691	3.961	3.4	5.	10.	16.

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Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	36	25.7	25.069	30.6	16.	13.002	3.606	20.5	22.25	28.15	29.73
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	36	337.5	343.194	482.	200.	3830.047	61.887	264.	306.	378.	437.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	34	6.3	6.424	9.7	3.9	1.54	1.241	5.05	5.6	6.95	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	33	1.2	1.597	4.6	0.1	1.175	1.084	0.5	0.75	2.15	3.48
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	35	7.7	7.72	8.6	6.	0.253	0.503	7.3	7.4	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	35	7.7	7.278	8.6	6.	0.454	0.674	7.3	7.4	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	35	0.02	0.053	1.	0.003	0.028	0.166	0.004	0.01	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	36	90.	83.389	120.	0.	563.616	23.741	55.4	78.5	95.5	100.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	24	8.5	10.028	31.	0.02	95.855	9.791	0.075	0.125	17.75	24.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	31	0.041	0.051	0.19	0.02	0.002	0.041	0.02	0.02	0.06	0.104
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	31 ##	0.011	0.012	0.035	0.005	0.	0.009	0.005	0.005	0.018	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	29	0.99	0.904	1.37	0.2	0.11	0.332	0.41	0.68	1.18	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	21	0.521	0.503	0.857	0.02	0.064	0.252	0.024	0.374	0.656	0.835
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-12/14/92	19	0.093	0.098	0.208	0.035	0.001	0.037	0.06	0.076	0.103	0.154
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-12/14/92	18	0.061	0.057	0.103	0.023	0.001	0.025	0.025	0.032	0.077	0.089
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	27	0.035	0.035	0.082	0.004	0.	0.021	0.004	0.021	0.049	0.064
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	36	143.	144.889	274.	98.	876.902	29.613	117.6	128.	155.5	172.4
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	32	2.55	2.788	7.5	0.3	2.707	1.645	1.53	1.8	3.2	5.64
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	27	130.	257.444	944.	10.	100538.949	317.079	20.	40.	300.	944.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	27	2.114	2.087	2.975	1.	0.327	0.572	1.301	1.602	2.477	2.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			122.249								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	36	12.	15.417	66.	3.	192.079	13.859	4.7	7.	16.	35.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	50	8.9	8.962	20.2	0.3	22.367	4.729	2.75	5.125	12.825	15.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	50	306.5	309.42	521.	102.	8678.33	93.158	178.5	253.75	371.	439.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	48	9.45	9.154	14.5	0.4	9.6	3.098	6.14	8.025	11.175	12.33
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	42	1.	1.035	3.	0.	0.485	0.697	0.13	0.5	1.425	2.01
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	48	7.6	7.612	8.7	6.1	0.379	0.616	6.7	7.1	8.1	8.41
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	48	7.6	7.178	8.7	6.1	0.572	0.757	6.7	7.1	8.1	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	48	0.025	0.066	0.794	0.002	0.016	0.127	0.004	0.008	0.079	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	49	78.	78.571	132.	6.	562.	23.707	50.	62.	96.	110.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	37	6.	7.88	34.	0.	62.601	7.912	0.036	2.	12.	18.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	40	0.03	0.042	0.199	0.	0.001	0.034	0.02	0.02	0.058	0.075
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	43 ##	0.005	0.016	0.226	0.005	0.001	0.035	0.005	0.005	0.016	0.023
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	38	1.39	1.344	2.34	0.42	0.197	0.444	0.629	1.015	1.653	1.897
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	32	0.359	0.376	0.87	0.02	0.053	0.23	0.044	0.213	0.537	0.708
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-12/14/92	31	0.055	0.066	0.17	0.013	0.001	0.037	0.02	0.038	0.088	0.119
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-12/14/92	31	0.04	0.044	0.096	0.005	0.001	0.022	0.015	0.03	0.055	0.081
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	36	0.024	0.028	0.07	0.	0.	0.019	0.005	0.014	0.041	0.06
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	47	126.	137.532	224.	82.	1194.994	34.569	97.6	112.	162.	190.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	38	1.85	1.976	3.9	0.	1.486	1.219	0.48	1.	3.	3.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	31	80.	970.032	24000.	10.	18364500.832	4285.382	19.2	28.	170.	944.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	31	1.903	2.004	4.38	1.	0.52	0.721	1.283	1.447	2.23	2.975
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			100.907								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	50	11.5	15.98	78.	2.	248.959	15.778	5.	6.	19.25	29.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/83-12/18/95	34	19.7	19.856	30.3	10.5	29.383	5.421	12.4	14.5	24.725	26.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/18/83-12/18/95	34	264.5	261.176	344.	130.	2555.362	50.551	179.	233.	299.	325.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/18/83-12/18/95	34	7.7	7.618	11.	2.3	4.26	2.064	4.85	6.15	9.625	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/18/95	28	1.55	1.886	5.2	0.	1.714	1.309	0.46	1.025	2.475	4.
00400	PH (STANDARD UNITS)	10/18/83-12/18/95	33	7.8	7.87	8.7	6.5	0.293	0.542	7.18	7.5	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/18/83-12/18/95	33	7.8	7.514	8.7	6.5	0.424	0.651	7.18	7.5	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/83-12/18/95	33	0.016	0.031	0.316	0.002	0.003	0.057	0.003	0.004	0.032	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/18/83-12/18/95	32	76.	73.313	100.	46.	236.028	15.363	50.6	60.	86.	93.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/18/83-11/27/95	26	12.	13.522	97.	0.06	324.699	18.019	0.1	6.	15.	18.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/18/83-11/27/95	26 ##	0.02	0.044	0.138	0.01	0.001	0.036	0.017	0.02	0.074	0.098
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	32	0.013	0.012	0.025	0.005	0.	0.006	0.005	0.005	0.018	0.022
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/83-07/17/95	27	1.06	1.021	1.55	0.19	0.093	0.305	0.648	0.78	1.3	1.378
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/18/83-12/14/92	22	0.438	0.419	0.985	0.02	0.064	0.253	0.02	0.254	0.589	0.741
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/83-12/14/92	19	0.072	0.068	0.123	0.022	0.001	0.026	0.04	0.05	0.083	0.11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/18/83-12/14/92	19	0.024	0.032	0.079	0.005	0.	0.022	0.005	0.018	0.048	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/18/83-04/17/95	28	0.011	0.015	0.061	0.003	0.	0.015	0.003	0.004	0.019	0.038
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/18/95	33	120.	119.606	188.	72.	657.309	25.638	86.4	101.	138.	154.8
00956	SILICA, TOTAL (MG/L AS SI02)	10/18/83-07/17/95	21	2.7	2.64	4.8	0.05	1.27	1.127	0.92	2.05	3.25	4.32
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	20	150.	329.2	1652.	10.	282328.063	531.346	11.	40.	230.	1616.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/18/83-11/27/95	20	2.172	2.061	3.218	1.	0.433	0.658	1.03	1.602	2.362	3.208
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			114.985								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/18/83-12/18/95	34	15.	18.206	115.	4.	325.744	18.048	7.5	10.	20.25	23.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0178

NPS Station ID: NACC0178
LAT/LON: 38.928337/ -77.043615
Agency: 21DCBAWQ
Date Created: 07/09/88
Location: NATIONAL ZOO OFF BRIDGE WASH.,D.C..
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR08
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02070010003600.00
RF3 Mile Point: 10.29
Distance from RF3: 0.07
On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH
STATION LOCATION:NATIONAL ZOO OFF BRIDGE AT ENTRANCE IN WASH.,D.C..
PARTICIPATING AGENCY:D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0178

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: NACC0179

NPS Station ID: NACC0179
LAT/LON: 38.928337/ -77.049727
Agency: 21DCBAWQ
Date Created: 10/28/86
Location: ROCK CREEK AT CONN. AVENUE
FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): RCR09 /RC9
RMI-Indexes: 0214000 002700
Within Park Boundary: No
RMI-Miles: 9875.00 0007.60
HUC: 02070010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: POTOMAC RIVER
ECO Region:
RF1 Index: 02070010036
RF1 Mile Point: 2.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02070010003600.00
RF3 Mile Point: 9.86
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	146	14.25	14.104	29.2	0.	63.09	7.943	3.	7.275	21.625	24.13
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/18/86-02/18/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	146	291.	319.445	1437.	77.	36779.462	191.78	164.	236.	350.	428.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	140	9.4	9.454	15.	0.9	6.905	2.628	6.5	7.8	11.3	12.9
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	133	1.4	1.926	9.5	0.	2.667	1.633	0.5	1.	2.35	4.28
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	141	7.6	7.516	9.7	5.7	0.289	0.537	6.8	7.2	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	141	7.6	7.153	9.7	5.7	0.422	0.649	6.8	7.2	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	141	0.025	0.07	1.995	0.	0.033	0.18	0.008	0.016	0.063	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	144	54.	55.056	92.	8.	274.85	16.579	34.	44.	66.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	108	2.5	24.552	670.	0.	6471.204	80.444	0.02	2.	13.5	33.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	115 ##	0.02	0.059	0.791	0.	0.009	0.095	0.02	0.02	0.06	0.119
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	123	0.013	0.018	0.14	0.005	0.	0.02	0.005	0.005	0.02	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	109	0.86	0.972	4.11	0.02	0.269	0.519	0.41	0.665	1.24	1.59
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	90	0.468	0.601	8.	0.02	0.781	0.884	0.021	0.306	0.644	0.919
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-10/23/95	2	0.77	0.77	1.08	0.46	0.192	0.438	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/13/96-06/11/96	4	2.	2.375	4.6	0.9	3.009	1.735	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	79	0.05	0.092	0.58	0.005	0.012	0.108	0.026	0.033	0.09	0.242
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	80	0.031	0.035	0.162	0.005	0.001	0.026	0.01	0.019	0.043	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	110	0.012	0.017	0.106	0.	0.	0.016	0.004	0.007	0.024	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	142	107.	108.768	210.	32.	876.463	29.605	70.6	90.	122.5	145.4
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	102	4.3	4.23	6.9	0.	1.679	1.296	2.6	3.3	5.3	5.9
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/22/86-10/21/91	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/10/94-01/23/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	25 ##	2.5	2.44	2.5	1.	0.09	0.3	2.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	25 ##	5.	5.54	15.	2.5	5.623	2.371	5.	5.	5.	7.4
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	25 ##	12.5	10.54	19.	5.	14.436	3.799	5.	5.	12.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	25	675.	1325.8	12100.	0.	5814628.333	2411.354	14.	355.5	1073.5	3304.
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	25 ##	25.	21.24	58.	2.5	148.732	12.196	2.5	15.	25.	26.2
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	25	35.	44.64	195.	0.	2318.49	48.151	8.	18.5	49.5	119.6
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	18 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/22/84-02/22/84	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/22/84-02/22/84	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			700.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	96	944.	4614.083	92000.	0.	209721768.119	14481.774	230.	300.	2300.	7900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	96	2.975	3.001	4.964	0.	0.491	0.701	2.362	2.477	3.362	3.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1002.428								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	6	940.	1335.	4200.	120.	2146710.	1465.166	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/21/91-04/20/92	6	2.968	2.909	3.623	2.079	0.26	0.51	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			811.33								
31628	TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	16	11150.	24006.25	81000.	700.	596881958.333	24431.168	1330.	4075.	42150.	64900.
31628	LOG TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	04/09/90-09/23/91	16	4.047	4.081	4.908	2.845	0.365	0.604	3.096	3.602	4.623	4.807
31628	GM TOTAL COLIFORM,MF,MFC MEDIUM,VERIFIED #/100ML	GEOMETRIC MEAN =			12059.243								
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/25/84-10/21/86	22	2.	2.614	8.	0.5	4.879	2.209	0.5	1.	3.5	6.7
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	01/25/84-10/21/86	23	5.	5.283	16.	0.5	15.064	3.881	1.	2.	6.	12.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	24 ##	0.1	0.108	0.3	0.1	0.002	0.041	0.1	0.1	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	145	8.	23.962	378.	2.	2099.959	45.825	3.	5.	18.5	66.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	140	4	0.03	40	1	0.03	65	2	0.03	35	1	0.03			
00400	PH	Fresh Chronic	9.	141	1	0.01	42	0	0.00	65	0	0.00	34	1	0.03			
		Other-Lo Lim.	6.5	141	5	0.04	42	0	0.00	65	3	0.05	34	2	0.06			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	123	0	0.00	33	0	0.00	56	0	0.00	34	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	109	0	0.00	31	0	0.00	49	0	0.00	29	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00				2	0	0.00	2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00			
		Drinking Water	50.	12	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	25	0	0.00	6	0	0.00	13	0	0.00	6	0	0.00			
		Drinking Water	5.	25	0	0.00	6	0	0.00	13	0	0.00	6	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	25	0	0.00	6	0	0.00	13	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	25	1	0.04	6	1	0.17	13	0	0.00	6	0	0.00			
		Drinking Water	1300.	25	0	0.00	6	0	0.00	13	0	0.00	6	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	25	0	0.00	6	0	0.00	13	0	0.00	6	0	0.00			
		Drinking Water	15.	8 &	2	0.25	2	1	0.50	5	1	0.20	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	25	2	0.08	6	1	0.17	13	1	0.08	6	0	0.00			
		Drinking Water	5000.	25	0	0.00	6	0	0.00	13	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	18	0	0.00	5	0	0.00	10	0	0.00	3	0	0.00			
		Drinking Water	50.	18	0	0.00	5	0	0.00	10	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	96	92	0.96	29	29	1.00	41	37	0.90	26	26	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	5	0.83				6	5	0.83						
71900	MERCURY, TOTAL	Fresh Acute	2.4	24	0	0.00	4	0	0.00	14	0	0.00	6	0	0.00			
		Drinking Water	2.	24	0	0.00	4	0	0.00	14	0	0.00	6	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	145	20	0.14	43	4	0.09	68	14	0.21	34	2	0.06			

& - 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 1983 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	3	10.2	9.3	14.7	3.	34.83	5.902	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	3	82.	86.333	100.	77.	146.333	12.097	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	3	3.6	4.867	9.8	1.2	19.693	4.438	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	3	7.	6.9	7.1	6.6	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	3	7.	6.843	7.1	6.6	0.075	0.274	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	3	0.1	0.144	0.251	0.079	0.009	0.094	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	3	32.	32.667	36.	30.	9.333	3.055	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	3	48.	94.333	223.	12.	12740.333	112.873	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	3	0.411	0.403	0.491	0.308	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	3	0.164	0.2	0.346	0.089	0.017	0.132	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	3	0.054	0.055	0.067	0.043	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	3	0.03	0.028	0.032	0.023	0.	0.005	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	3	78.	106.	186.	54.	4944.	70.314	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	10	15.75	15.2	25.4	1.	63.602	7.975	1.55	8.75	21.875	25.31
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	10	265.	322.1	950.	148.	54959.878	234.435	150.2	179.75	350.	892.7
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	9	7.4	6.489	10.1	0.9	12.049	3.471	0.9	3.	9.5	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	7	7.7	7.857	8.7	7.	0.43	0.655	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	7	7.7	7.518	8.7	7.	0.564	0.751	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	7	0.02	0.03	0.1	0.002	0.001	0.035	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	9	48.	58.222	80.	42.	245.444	15.667	42.	46.	75.	80.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	9 ##	2.	6.333	31.	2.	88.75	9.421	2.	2.	6.	31.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	10 ##	0.016	0.1	0.791	0.01	0.059	0.243	0.01	0.01	0.054	0.718
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	10 ##	0.005	0.018	0.113	0.005	0.001	0.034	0.005	0.005	0.012	0.103
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	10	1.2	1.318	4.11	0.02	1.165	1.079	0.093	0.773	1.525	3.856
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	10	0.386	1.122	8.	0.1	5.856	2.42	0.115	0.287	0.479	7.256
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	10	0.032	0.045	0.131	0.023	0.001	0.032	0.023	0.027	0.051	0.124
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	10	0.019	0.022	0.045	0.012	0.	0.011	0.012	0.012	0.03	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	10	0.007	0.011	0.03	0.007	0.	0.007	0.007	0.007	0.012	0.028
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	10	97.	108.8	154.	84.	673.956	25.961	84.2	87.5	134.5	152.8
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	9	4.6	4.9	6.5	4.1	0.57	0.755	4.1	4.35	5.4	6.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	8	640.	4467.5	22000.	330.	57005307.143	7550.186	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	8	2.794	3.15	4.342	2.519	0.465	0.682	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1412.439								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	9	7.	15.833	72.	2.	518.	22.76	2.	3.25	21.	72.

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Annual Analysis for 1985 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	9	20.5	17.544	24.1	2.5	46.053	6.786	2.5	14.2	22.7	24.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	9	258.	232.889	422.	113.	11140.111	105.547	113.	127.5	302.5	422.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	8	8.8	8.75	10.9	6.5	1.991	1.411	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	9	2.	2.644	6.7	0.	4.175	2.043	0.	1.4	4.2	6.7
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	8	7.65	7.613	8.1	7.1	0.11	0.331	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	8	7.647	7.504	8.1	7.1	0.123	0.351	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	8	0.023	0.031	0.079	0.008	0.001	0.024	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	9	58.	55.111	80.	30.	313.111	17.695	30.	38.	72.	80.

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Annual Analysis for 1985 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	9	2.	53.556	230.	0.	9060.028	95.184	0.	2.	120.	230.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	9 ##	0.02	0.029	0.062	0.02	0.	0.015	0.02	0.02	0.04	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	9	0.013	0.016	0.037	0.005	0.	0.012	0.005	0.008	0.027	0.037
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	9	0.63	0.631	1.33	0.31	0.099	0.314	0.31	0.365	0.755	1.33
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	9	0.61	0.635	1.22	0.158	0.083	0.288	0.158	0.469	0.765	1.22
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	9	0.133	0.178	0.409	0.036	0.02	0.142	0.036	0.055	0.331	0.409
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	9	0.045	0.045	0.071	0.023	0.	0.017	0.023	0.03	0.061	0.071
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	9	0.02	0.023	0.042	0.004	0.	0.013	0.004	0.011	0.036	0.042
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	9	108.	106.444	140.	72.	451.778	21.255	72.	90.	122.	140.
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	6	2.7	2.867	4.4	1.9	0.859	0.927	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	6	5600.	19395.	92000.	0.	1289866550.	35914.712	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	6	3.708	3.121	4.964	0.	3.135	1.771	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1320.445								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	9	7.	55.333	216.	4.	6465.5	80.408	4.	5.5	114.	216.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	19.	15.018	24.4	0.	79.8	8.933	0.6	4.4	22.3	24.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	331.	416.182	1418.	222.	113502.364	336.901	223.6	289.	371.	1214.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	10	7.2	8.43	12.9	5.2	9.551	3.091	5.25	5.775	12.225	12.87
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	1.7	2.427	9.5	0.	6.682	2.585	0.1	1.	3.1	8.34
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.3	7.218	7.8	6.5	0.156	0.395	6.56	7.	7.6	7.76
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.3	7.053	7.8	6.5	0.185	0.431	6.56	7.	7.6	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.05	0.088	0.316	0.016	0.008	0.088	0.018	0.025	0.1	0.285
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	11	62.	59.818	90.	8.	473.964	21.771	16.	50.	76.	88.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	11	8.	9.273	22.	0.	79.218	8.9	0.	2.	20.	21.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	11	0.05	0.089	0.501	0.	0.02	0.141	0.004	0.02	0.092	0.426
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	11	0.023	0.029	0.085	0.005	0.001	0.023	0.007	0.016	0.037	0.079
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	11	0.51	0.801	2.14	0.16	0.389	0.624	0.204	0.41	1.25	2.052
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	11	0.559	0.635	1.73	0.334	0.15	0.387	0.348	0.416	0.674	1.539
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	10	0.078	0.111	0.325	0.031	0.009	0.092	0.033	0.053	0.139	0.315
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	11	0.032	0.034	0.056	0.016	0.	0.013	0.017	0.025	0.043	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	11	0.011	0.012	0.028	0.	0.	0.009	0.001	0.004	0.021	0.027
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	10	114.	112.8	152.	82.	465.956	21.586	82.8	91.5	125.5	150.4
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	9	3.5	3.633	5.	1.8	0.835	0.914	1.8	3.2	4.3	5.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	8	2045.	2725.	7900.	330.	7198885.714	2683.074	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	8	3.208	3.204	3.898	2.519	0.262	0.512	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1598.092								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	11	12.	23.909	144.	3.	1665.491	40.81	3.	5.	20.	121.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	10	13.3	13.44	25.7	0.2	92.587	9.622	0.54	4.35	22.675	25.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	10	300.5	401.5	1437.	210.	134790.5	367.138	212.3	235.25	334.	1330.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	10	10.15	9.85	14.2	5.7	8.341	2.888	5.8	7.	12.05	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	2.	2.817	8.5	0.5	5.492	2.344	0.71	1.325	3.7	7.78
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	9	7.2	7.344	8.7	6.5	0.465	0.682	6.5	6.8	7.75	8.7
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	9	7.2	7.019	8.7	6.5	0.584	0.764	6.5	6.8	7.75	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	9	0.063	0.096	0.316	0.002	0.01	0.102	0.002	0.019	0.158	0.316

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Annual Analysis for 1987 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	10	52.	55.	80.	36.	147.778	12.156	37.2	48.	62.	78.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	5 ##	2.	14.8	35.	2.	307.7	17.541	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	9	0.048	0.087	0.302	0.02	0.01	0.098	0.02	0.02	0.144	0.302
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.014	0.018	0.05	0.005	0.	0.015	0.005	0.005	0.024	0.048
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.915	1.094	2.03	0.7	0.163	0.404	0.706	0.77	1.4	1.871
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	6 ##	0.127	0.384	1.48	0.02	0.328	0.573	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	3	0.065	0.059	0.079	0.033	0.001	0.024	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	3	0.031	0.034	0.044	0.026	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	12	0.013	0.016	0.062	0.004	0.	0.017	0.004	0.004	0.02	0.052
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	10	99.	103.	142.	62.	490.	22.136	64.6	91.	117.5	140.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	10	14.5	21.5	66.	4.	387.389	19.682	4.1	8.	36.75	63.3

** - 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 NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	10	11.15	13.59	26.5	1.4	98.332	9.916	1.53	3.6	23.475	26.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	10	315.5	409.7	1184.	255.	77145.567	277.751	256.2	284.25	412.	1108.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	10	8.8	9.05	13.3	5.6	7.049	2.655	5.64	6.375	11.175	13.26
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	1.7	2.618	6.2	0.5	4.384	2.094	0.6	1.	4.8	5.98
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	10	7.7	7.63	8.4	6.9	0.267	0.517	6.91	7.075	8.1	8.37
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	10	7.689	7.378	8.4	6.9	0.337	0.581	6.91	7.075	8.1	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	10	0.02	0.042	0.126	0.004	0.002	0.044	0.004	0.008	0.085	0.123
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	10	61.	63.4	86.	30.	301.378	17.36	32.	50.	78.5	85.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	3 ##	2.	9.	23.	2.	147.	12.124	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	3 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.012	0.023	0.14	0.005	0.001	0.038	0.005	0.005	0.022	0.108
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.885	0.942	1.65	0.15	0.21	0.458	0.261	0.615	1.353	1.635
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	11 ##	0.02	0.078	0.397	0.02	0.015	0.124	0.02	0.02	0.058	0.366
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	2 ##	0.025	0.025	0.037	0.013	0.	0.017	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	2 ##	0.017	0.017	0.021	0.013	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	10 ##	0.004	0.007	0.015	0.004	0.	0.005	0.004	0.004	0.011	0.015
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	10	111.	117.4	152.	100.	328.044	18.112	100.4	104.	127.	151.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2300.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	10	6.	12.7	72.	2.	447.122	21.145	2.	2.75	11.25	66.

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Annual Analysis for 1989 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	12	13.35	13.875	27.	1.5	74.411	8.626	1.62	5.175	21.625	25.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	12	283.	280.083	375.	125.	6443.356	80.271	136.7	245.75	347.	373.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	10	9.1	9.31	12.7	5.8	4.328	2.08	5.95	7.9	11.075	12.56
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	1.3	1.3	2.9	0.5	0.596	0.772	0.5	0.5	1.875	2.69
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.65	7.642	8.5	6.7	0.21	0.458	6.85	7.425	7.8	8.41
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.647	7.409	8.5	6.7	0.269	0.519	6.85	7.425	7.8	8.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	12	0.023	0.039	0.2	0.003	0.003	0.053	0.004	0.016	0.038	0.159
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	11	48.	48.545	64.	30.	145.673	12.069	30.	38.	60.	64.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	11	5.	38.727	352.	2.	10875.818	104.287	2.	2.	11.	288.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	12	0.043	0.059	0.223	0.02	0.003	0.057	0.02	0.024	0.053	0.191
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.016	0.017	0.039	0.005	0.	0.011	0.005	0.006	0.02	0.038

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Annual Analysis for 1989 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.79	0.959	1.59	0.64	0.128	0.358	0.64	0.68	1.323	1.578
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	7	0.731	0.846	1.77	0.26	0.312	0.559	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	6	0.056	0.135	0.437	0.005	0.029	0.171	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	6	0.042	0.064	0.162	0.005	0.004	0.065	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	10	0.026	0.034	0.106	0.004	0.001	0.037	0.004	0.006	0.045	0.105
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	95.	88.333	116.	50.	442.788	21.043	51.2	73.5	101.5	114.8
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	12	4.2	4.133	6.9	2.4	1.606	1.267	2.55	3.	4.75	6.54
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	11	1300.	14309.091	92000.	330.	914901229.091	30247.334	362.	490.	3300.	84400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	11	3.114	3.336	4.964	2.519	0.645	0.803	2.553	2.69	3.519	4.918
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2169.526								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	12	10.	31.5	126.	3.	1633.364	40.415	3.	6.5	67.5	111.6

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Annual Analysis for 1990 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	12	15.75	14.925	25.7	5.3	38.662	6.218	5.72	9.925	18.3	25.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	12	277.	281.	413.	136.	7647.273	87.449	143.8	224.25	363.5	406.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	12	9.8	10.417	13.2	8.3	3.329	1.824	8.3	8.9	12.45	13.05
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	1.25	1.525	4.6	0.1	1.553	1.246	0.1	0.8	1.875	4.12
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.75	7.817	8.6	7.5	0.08	0.282	7.53	7.625	7.9	8.39
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.747	7.756	8.6	7.5	0.084	0.289	7.53	7.625	7.9	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	12	0.018	0.018	0.032	0.003	0.	0.008	0.006	0.013	0.024	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	12	49.	52.667	76.	28.	227.152	15.072	31.6	42.	68.	75.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	12	7.	13.333	50.	2.	263.515	16.233	2.	2.5	15.5	47.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	12 ##	0.02	0.036	0.065	0.02	0.	0.02	0.02	0.02	0.06	0.064
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12 ##	0.009	0.011	0.022	0.005	0.	0.007	0.005	0.005	0.018	0.021
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	1.085	1.111	1.61	0.64	0.092	0.304	0.676	0.883	1.305	1.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	12	0.584	0.625	0.929	0.406	0.03	0.172	0.419	0.465	0.789	0.899
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	12	0.058	0.074	0.186	0.026	0.003	0.054	0.028	0.034	0.089	0.182
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	12	0.035	0.04	0.11	0.005	0.001	0.03	0.005	0.018	0.06	0.096
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	12	0.013	0.018	0.048	0.004	0.	0.015	0.004	0.004	0.027	0.045
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	100.	94.167	144.	48.	702.879	26.512	52.8	71.	110.5	136.8
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	10	4.7	4.27	5.5	2.4	1.178	1.085	2.45	3.05	5.125	5.47
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			490.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	12	10.5	21.667	90.	5.	736.788	27.144	5.6	7.	18.25	82.8

** - 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 NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	12	10.5	13.45	23.9	2.8	57.386	7.575	3.73	7.6	21.675	23.69
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	12	311.5	303.417	382.	214.	3470.447	58.91	215.5	254.	362.5	380.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	10.5	10.291	13.9	7.4	4.643	2.155	7.56	8.4	12.2	13.76
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	12	0.85	0.804	1.8	0.05	0.284	0.533	0.065	0.35	1.175	1.65
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.65	7.625	8.	7.1	0.095	0.308	7.13	7.35	7.9	7.97
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.647	7.521	8.	7.1	0.107	0.326	7.13	7.35	7.9	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	12	0.023	0.03	0.079	0.01	0.001	0.023	0.011	0.013	0.045	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	12	58.	61.333	90.	40.	268.606	16.389	40.	50.5	73.	89.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	12	5.5	62.917	670.	2.	36605.538	191.326	2.	2.	18.75	475.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	12 ##	0.02	0.035	0.095	0.02	0.001	0.025	0.02	0.02	0.056	0.085

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Annual Analysis for 1991 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12 ##	0.008	0.012	0.039	0.005	0.	0.01	0.005	0.005	0.015	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.84	0.865	1.73	0.21	0.197	0.444	0.255	0.483	1.093	1.661
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	11	0.531	0.683	2.44	0.276	0.355	0.596	0.283	0.458	0.642	2.088
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	12	0.046	0.088	0.58	0.012	0.024	0.156	0.018	0.035	0.06	0.425
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	12	0.027	0.028	0.043	0.005	0.	0.013	0.005	0.023	0.04	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	12	0.013	0.014	0.029	0.004	0.	0.007	0.004	0.009	0.017	0.028
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	108.	112.	158.	50.	978.909	31.288	59.	88.	137.	155.
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	12	4.1	3.817	5.3	0.	1.96	1.4	0.81	3.625	4.575	5.27
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	12	5.	38.75	378.	3.	11463.114	107.066	3.	4.	18.5	271.5

** - 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 NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	12	11.55	13.025	24.7	4.2	54.238	7.365	4.38	5.975	19.55	24.01
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	12	270.5	298.917	505.	179.	7350.629	85.736	193.1	246.25	339.75	466.9
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	12	10.4	10.475	13.3	7.8	2.651	1.628	8.1	9.05	11.525	13.09
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	10	1.55	1.73	4.6	0.5	1.673	1.294	0.5	0.5	2.55	4.41
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.55	7.508	8.7	6.6	0.343	0.585	6.6	7.15	7.85	8.49
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.547	7.18	8.7	6.6	0.46	0.678	6.6	7.15	7.85	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	12	0.028	0.066	0.251	0.002	0.008	0.089	0.004	0.014	0.072	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	12	54.	57.167	92.	30.	302.152	17.383	33.6	45.	68.5	89.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	12 ##	0.02	0.037	0.113	0.02	0.001	0.03	0.02	0.02	0.046	0.103
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.013	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.027
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	12	0.91	0.895	1.22	0.45	0.059	0.243	0.486	0.748	1.118	1.208
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	10	0.461	0.484	0.818	0.28	0.035	0.188	0.282	0.314	0.621	0.803
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	12	0.039	0.047	0.12	0.011	0.001	0.028	0.016	0.031	0.06	0.104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	12	0.021	0.024	0.043	0.005	0.	0.013	0.007	0.014	0.038	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	12	0.01	0.013	0.031	0.003	0.	0.01	0.003	0.003	0.022	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	105.	101.667	146.	32.	885.697	29.761	44.6	88.5	122.	141.8
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	12	3.8	3.725	4.8	2.5	0.64	0.8	2.53	3.05	4.475	4.74
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	8	230.	350.	800.	80.	54000.	232.379	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	8	2.362	2.456	2.903	1.903	0.094	0.307	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			286.008								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	12	9.5	10.833	30.	5.	43.061	6.562	5.	8.	11.	25.2

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Annual Analysis for 1993 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	15.	14.373	29.2	2.4	90.95	9.537	2.56	3.9	23.8	28.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	270.	283.818	419.	200.	4707.764	68.613	202.6	236.	327.	408.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	9.8	10.773	15.	6.6	7.432	2.726	6.98	8.7	13.4	14.86
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	10	1.2	1.6	3.2	0.5	0.642	0.801	0.55	1.15	2.225	3.11
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.6	7.509	9.7	5.7	1.079	1.039	5.86	6.6	7.9	9.4
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.6	6.607	9.7	5.7	1.975	1.405	5.86	6.6	7.9	9.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.025	0.247	1.995	0.	0.348	0.59	0.001	0.013	0.251	1.659
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	10	58.	60.6	84.	42.	243.6	15.608	42.2	44.	76.5	83.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	6 ##	0.02	0.097	0.3	0.02	0.015	0.123	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	9 ##	0.02	0.049	0.17	0.02	0.002	0.05	0.02	0.02	0.065	0.17
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	8 ##	0.013	0.016	0.04	0.005	0.	0.014	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	4	1.14	1.095	1.67	0.43	0.291	0.54	**	**	**	**

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Annual Analysis for 1993 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	5	0.03	0.024	0.03	0.01	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	10	115.	112.6	148.	72.	560.933	23.684	73.6	91.	128.5	147.4
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	9	5.5	5.067	6.3	3.3	1.26	1.122	3.3	4.05	6.	6.3
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	9	300.	477.778	1300.	40.	224119.444	473.413	40.	230.	800.	1300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	9	2.477	2.496	3.114	1.602	0.2	0.447	1.602	2.362	2.796	3.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			313.159								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	10	7.5	10.2	20.	3.	40.844	6.391	3.	5.25	16.5	19.8

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Annual Analysis for 1994 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	13.	14.709	24.8	0.2	58.005	7.616	1.54	11.	23.1	24.72
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	311.	308.545	442.	150.	9072.273	95.248	152.8	250.	377.	440.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	9.	9.673	14.	7.4	5.158	2.271	7.44	7.6	11.4	13.78
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	1.8	2.173	6.4	0.5	3.17	1.781	0.5	0.5	3.1	5.82
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.4	7.309	7.6	6.7	0.077	0.277	6.76	7.1	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.4	7.214	7.6	6.7	0.087	0.295	6.76	7.1	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.04	0.061	0.2	0.025	0.003	0.051	0.025	0.032	0.079	0.18
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	11	44.	50.909	84.	32.	281.891	16.79	32.4	40.	66.	81.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	10	## 0.02	0.302	2.	0.02	0.389	0.624	0.02	0.02	0.3	1.86
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	8	## 0.04	0.079	0.23	0.02	0.007	0.082	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	7	0.02	0.024	0.06	0.005	0.	0.019	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	2	1.41	1.41	1.47	1.35	0.007	0.085	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	11	122.	135.091	210.	70.	2166.691	46.548	74.	98.	166.	208.4
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	18	5.5	4.911	6.7	2.6	2.105	1.451	2.6	3.3	5.875	6.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	22	944.	1967.818	9021.	230.	6141249.299	2478.154	230.	230.	2300.	7311.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	22	2.975	3.027	3.955	2.362	0.254	0.504	2.362	2.362	3.362	3.825
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1063.456								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	11	11.	15.182	50.	2.	222.964	14.932	2.2	3.	22.	46.8

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Annual Analysis for 1995 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	12	12.25	13.083	25.8	0.4	74.74	8.645	1.18	4.475	22.025	25.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	12	417.5	415.917	775.	162.	45336.083	212.923	164.4	206.5	586.25	764.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	12	9.9	9.892	13.2	6.9	4.637	2.153	6.99	7.825	11.9	13.02
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	1.6	1.941	3.25	1.3	0.429	0.655	1.32	1.4	2.4	3.16
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.6	7.45	7.9	6.6	0.179	0.423	6.72	7.025	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	12	7.6	7.238	7.9	6.6	0.228	0.478	6.72	7.025	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	12	0.025	0.058	0.251	0.013	0.005	0.069	0.013	0.016	0.095	0.206
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	12	54.	56.	86.	36.	256.	16.	37.8	44.	61.5	85.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	8	## 4.5	24.625	137.	2.	2142.268	46.285	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	5	0.053	0.062	0.141	0.02	0.003	0.05	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	6	0.02	0.023	0.055	0.005	0.	0.019	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	1	0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	1	## 0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	113.	111.	194.	60.	1494.909	38.664	60.	76.5	137.	179.
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	5	3.5	4.14	6.4	2.5	3.253	1.804	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	11	944.	1478.182	5000.	230.	1998275.564	1413.604	238.	500.	1916.	4600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	11	2.975	3.005	3.699	2.362	0.165	0.407	2.376	2.699	3.282	3.655

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Annual Analysis for 1995 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1010.836								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	12	7.5	11.583	50.	2.	190.265	13.794	2.3	3.25	13.	42.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	12.3	13.245	23.6	1.6	58.065	7.62	2.06	8.3	21.2	23.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	254.	264.091	522.	121.	10862.291	104.222	130.	192.	304.	480.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	9.3	9.7	13.8	7.3	4.34	2.083	7.36	7.8	11.2	13.52
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	11	1.2	1.645	4.9	0.4	1.609	1.268	0.4	1.	2.	4.42
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.5	7.436	8.2	6.3	0.235	0.484	6.44	7.2	7.6	8.12
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.5	7.109	8.2	6.3	0.353	0.594	6.44	7.2	7.6	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.032	0.078	0.501	0.006	0.02	0.143	0.008	0.025	0.063	0.421
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	12	46.	45.167	70.	22.	244.697	15.643	23.2	29.5	58.	67.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	8	10.5	9.125	18.	2.	37.839	6.151	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	3	0.108	0.105	0.159	0.048	0.003	0.056	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	12	120.	114.083	144.	56.	756.083	27.497	65.	91.	139.5	143.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	11	1300.	3836.364	30000.	300.	76048545.455	8720.582	300.	300.	2300.	24600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	11	3.114	3.095	4.477	2.477	0.337	0.58	2.477	2.477	3.362	4.277
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1244.263								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	12	9.	22.5	125.	3.	1284.273	35.837	3.	5.	18.5	105.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	43	23.1	21.537	26.5	12.7	12.91	3.593	15.82	19.	24.2	25.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	43	290.	290.233	505.	113.	9145.754	95.633	162.8	222.	376.	414.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	40	7.75	7.598	10.1	1.4	2.18	1.476	5.73	6.75	8.475	8.99
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	39	1.3	1.877	6.1	0.1	1.971	1.404	0.5	1.	2.5	4.6
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	42	7.6	7.56	8.6	6.7	0.17	0.413	7.	7.275	7.9	8.14
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	42	7.6	7.377	8.6	6.7	0.205	0.452	7.	7.275	7.9	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	42	0.025	0.042	0.2	0.003	0.002	0.042	0.007	0.013	0.053	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	43	60.	61.395	90.	22.	346.388	18.611	34.	48.	78.	85.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	29	4.	16.369	211.	0.02	1532.643	39.149	0.02	2.	19.	29.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	33	0.04	0.048	0.23	0.01	0.002	0.049	0.02	0.02	0.056	0.113
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	33 ##	0.005	0.017	0.14	0.005	0.001	0.026	0.005	0.005	0.019	0.045
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	31	0.7	0.655	1.09	0.02	0.049	0.222	0.38	0.48	0.78	0.916
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	23	0.606	0.571	1.22	0.02	0.097	0.312	0.022	0.403	0.738	1.026
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	19	0.059	0.082	0.332	0.024	0.005	0.071	0.028	0.043	0.091	0.174
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	20	0.038	0.038	0.068	0.012	0.	0.014	0.019	0.028	0.044	0.062
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	30	0.021	0.021	0.062	0.004	0.	0.012	0.007	0.013	0.027	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	43	116.	117.953	210.	48.	1046.95	32.357	86.8	92.	142.	150.4
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	30	4.25	4.273	6.7	1.8	1.612	1.27	2.6	3.4	5.05	5.9
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	6 ##	5.	6.667	15.	5.	16.667	4.082	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	6 ##	12.5	12.333	19.	5.	19.667	4.435	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	6	688.	2912.833	12100.	196.	21616214.567	4649.324	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	6 ##	25.	22.167	28.	5.	72.167	8.495	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	6	33.5	61.167	195.	10.	4931.767	70.227	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	29	1251.	5221.034	92000.	230.	283709227.749	16843.67	300.	790.	3300.	9021.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	29	3.097	3.18	4.964	2.362	0.305	0.553	2.477	2.898	3.519	3.955
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1514.485								
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	43	6.	16.581	168.	2.	844.725	29.064	3.	3.	17.	44.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	67	6.5	7.324	27.	0.	26.549	5.153	1.48	3.2	10.5	14.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	67	294.	355.045	1437.	77.	68126.68	261.011	146.6	245.	370.	565.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	65	11.3	10.862	14.3	1.2	6.266	2.503	8.56	9.8	12.6	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	61	1.4	2.076	9.5	0.	4.093	2.023	0.5	0.7	2.3	4.88
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	65	7.5	7.403	8.7	5.7	0.264	0.514	6.6	7.1	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	65	7.5	7.024	8.7	5.7	0.41	0.64	6.6	7.1	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	65	0.032	0.095	1.995	0.002	0.063	0.251	0.013	0.02	0.079	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	67	50.	52.03	92.	26.	229.757	15.158	31.6	42.	60.	76.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	48	2.	32.274	670.	0.	10912.691	104.464	0.02	2.	22.75	43.5
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	52 ##	0.02	0.073	0.791	0.	0.018	0.132	0.02	0.02	0.057	0.177
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	56	0.013	0.017	0.113	0.005	0.	0.019	0.005	0.005	0.02	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	49	1.22	1.182	4.11	0.15	0.435	0.659	0.35	0.745	1.56	1.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	44	0.407	0.639	8.	0.02	1.47	1.212	0.022	0.277	0.605	1.043
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	40	0.042	0.095	0.58	0.005	0.014	0.12	0.014	0.031	0.112	0.24
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	40	0.027	0.034	0.126	0.005	0.001	0.026	0.005	0.018	0.044	0.067
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	50	0.01	0.017	0.106	0.	0.	0.021	0.004	0.004	0.022	0.039
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	65	106.	105.923	202.	32.	694.385	26.351	70.	96.	117.	138.8
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	46	4.3	4.204	6.9	0.	1.872	1.368	2.54	3.175	5.35	5.82
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	13 ##	2.5	2.385	2.5	1.	0.173	0.416	1.6	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	13 ##	5.	5.269	11.	2.5	3.442	1.855	3.5	5.	5.	8.6
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	13 ##	12.5	10.538	12.5	5.	10.436	3.23	5.	7.5	12.5	12.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	13	694.	976.	3260.	0.	834008.667	913.241	8.	434.5	1503.	2772.
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	13 ##	25.	20.808	58.	2.5	231.606	15.219	2.5	3.75	25.	44.8
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	13	35.	41.538	182.	0.	2177.769	46.667	2.	16.	41.5	140.4
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	41	500.	3304.098	54000.	0.	89254149.39	9447.441	182.	250.	2108.	7300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	41	2.699	2.84	4.732	0.	0.615	0.784	2.257	2.397	3.322	3.856
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			692.042								
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	14 ##	0.1	0.114	0.3	0.1	0.003	0.053	0.1	0.1	0.1	0.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	68	10.5	33.221	378.	2.	3548.622	59.57	3.	7.	33.	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 6/30 - Station NACC0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	36	18.6	17.844	29.2	8.7	25.545	5.054	10.53	12.475	22.075	23.03
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	36	279.	288.083	625.	125.	8443.564	91.889	182.7	229.5	327.75	390.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	35	9.	8.963	15.	0.9	5.842	2.417	6.28	7.8	10.	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	10/16/84-12/02/96	33	1.5	1.708	3.8	0.	0.89	0.943	0.5	1.05	2.3	3.16
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	34	7.7	7.676	9.7	6.3	0.447	0.669	6.65	7.475	7.9	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	34	7.7	7.228	9.7	6.3	0.654	0.809	6.65	7.475	7.9	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	34	0.02	0.059	0.501	0.	0.011	0.106	0.003	0.013	0.034	0.225
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-12/02/96	34	53.	53.	78.	8.	215.333	14.674	35.	43.5	62.5	72.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-11/04/96	31	4.	20.25	352.	0.02	4374.361	66.139	0.056	2.	8.	16.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/25/84-04/09/96	30 ##	0.029	0.047	0.159	0.01	0.001	0.037	0.02	0.02	0.068	0.111
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	34	0.015	0.019	0.055	0.005	0.	0.014	0.005	0.005	0.027	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/25/84-07/17/95	29	0.95	0.956	1.35	0.51	0.052	0.229	0.63	0.805	1.13	1.26
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/14/92	23	0.528	0.558	1.77	0.02	0.185	0.43	0.02	0.374	0.604	1.357
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/14/92	20	0.051	0.098	0.437	0.014	0.014	0.118	0.031	0.034	0.076	0.329
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/14/92	20	0.028	0.034	0.162	0.005	0.001	0.033	0.006	0.016	0.042	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-04/17/95	30	0.01	0.011	0.03	0.003	0.	0.009	0.004	0.004	0.014	0.027
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/25/84-12/02/96	34	101.	102.588	166.	50.	900.492	30.008	62.	81.5	122.5	148.
00956	SILICA, TOTAL (MG/L AS SI02)	01/25/84-07/17/95	26	4.25	4.227	6.5	2.4	1.54	1.241	2.5	3.25	5.325	6.1
01027	CADMIUM, TOTAL (UG/L AS CD)	01/25/84-01/23/95	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/25/84-01/23/95	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/25/84-01/23/95	6 ##	8.75	8.75	12.5	5.	16.875	4.108	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/25/84-01/23/95	6	510.	496.667	972.	5.	126880.267	356.203	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/25/84-01/23/95	6 ##	25.	21.25	25.	2.5	84.375	9.186	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/25/84-01/23/95	6	28.	34.833	70.	11.	502.167	22.409	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/86-01/23/95	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	26	922.	6002.846	92000.	230.	331134261.175	18197.095	230.	300.	2246.	15700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/22/84-12/02/96	26	2.965	3.055	4.964	2.362	0.457	0.676	2.362	2.477	3.351	4.182
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1134.81								
71900	MERCURY, TOTAL (UG/L AS HG)	01/25/84-01/23/95	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-12/02/96	34	8.	14.779	126.	2.5	549.079	23.432	4.	5.	14.	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0180

NPS Station ID: NACC0180 LAT/LON: 38.933060/ -77.054809 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/08
RMI-Indexes: 0214001 002700 00070 Within Park Boundary: No
RMI-Miles: 0112.80 0003.70 000.15
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.530 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 9.90 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.164	0.164	0.268	0.059	0.022	0.148	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	2	5800.	5800.	9300.	2300.	24500000.	4949.747	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/71-07/18/71	2	3.665	3.665	3.968	3.362	0.184	0.429	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4624.932								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	2	400.	400.	400.	400.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/17/71-07/18/71	2	2.602	2.602	2.602	2.602	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			400.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	6450.	6450.	10000.	2900.	25205000.	5020.458	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	3.731	3.731	4.	3.462	0.145	0.38	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			5385.165								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0181

NPS Station ID: NACC0181 LAT/LON: 38.933893/ -77.049171 Agency: 21DCBAWQ Date Created: 10/28/86
Location: ROCK CREEK/KLINGLE ROAD, D.C. FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): RCR07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003604.49 RF3 Mile Point: 6.06 Distance from RF3: 0.06 On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION: ROCK CREEK/KLINGLE ROAD, D.C.
PARTICIPATING AGENCY: D. C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	116	13.75	14.01	27.3	0.1	62.652	7.915	3.07	6.85	21.775	24.2
00032	CLOUD COVER (PERCENT)	05/21/85-08/13/85	3	80.	60.	100.	0.	2800.	52.915	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	114	290.	307.482	1338.	78.	29586.199	172.006	157.5	228.5	340.	428.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	112	9.6	9.628	16.1	0.	9.28	3.046	6.58	8.225	11.6	13.27
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	105	7.5	7.53	8.7	5.7	0.283	0.532	6.96	7.15	7.8	8.24
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	105	7.5	7.142	8.7	5.7	0.436	0.66	6.96	7.15	7.8	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	105	0.032	0.072	1.995	0.002	0.041	0.203	0.006	0.016	0.071	0.11
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/83-02/13/90	6	30.	25.333	56.	0.	476.267	21.824	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/83-12/20/83	3	46.	83.	191.	12.	9037.	95.063	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/83-12/20/83	3	0.337	0.38	0.514	0.29	0.014	0.118	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/83-12/20/83	3	0.153	0.183	0.31	0.087	0.013	0.115	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/83-12/20/83	3	0.052	0.074	0.126	0.043	0.002	0.046	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/24/83-12/20/83	3	0.03	0.031	0.04	0.023	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/22/88-04/05/88	2	6.	6.	12.	0.	72.	8.485	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/24/83-04/05/88	5	54.	64.8	186.	0.	5659.2	75.228	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0181

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	112	7	0.06	30	1	0.03	54	4	0.07	28	2	0.07			
00400	PH	Fresh Chronic	9.	105	0	0.00	29	0	0.00	51	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	105	5	0.05	29	0	0.00	51	5	0.10	25	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	3	0.60				4	3	0.75	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 1983 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	3	10.2	9.267	14.6	3.	34.293	5.856	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	3	80.	86.	100.	78.	148.	12.166	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	3	1.2	1.533	3.4	0.	2.973	1.724	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	3	7.	6.9	7.1	6.6	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	3	7.	6.843	7.1	6.6	0.075	0.274	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	3	0.1	0.144	0.251	0.079	0.009	0.094	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	10	16.05	14.94	25.2	1.	64.765	8.048	1.42	8.2	22.05	25.11
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	8	240.	247.125	370.	138.	8000.411	89.445	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	9	7.9	7.189	11.7	2.	11.739	3.426	2.	3.5	9.5	11.7
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	5	7.9	8.06	8.5	7.7	0.168	0.41	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	5	7.9	7.929	8.5	7.7	0.189	0.435	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	5	0.013	0.012	0.02	0.003	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	9	20.5	17.744	24.2	2.2	48.99	6.999	2.2	14.15	23.4	24.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	9	251.	214.333	306.	112.	5689.25	75.427	112.	132.5	277.5	306.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	8	9.55	9.775	13.3	7.7	3.222	1.795	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	8	7.65	7.675	8.5	7.1	0.168	0.41	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	8	7.647	7.538	8.5	7.1	0.189	0.435	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	8	0.023	0.029	0.079	0.003	0.001	0.023	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	10	15.35	13.7	24.	0.1	77.907	8.826	0.38	4.1	22.625	23.87
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	10	326.	431.5	1338.	217.	106167.167	325.833	223.1	288.5	420.75	1251.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	9	10.2	10.3	14.7	6.2	6.51	2.551	6.2	8.5	12.3	14.7
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	9	7.3	7.256	7.9	6.4	0.235	0.485	6.4	6.9	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	9	7.3	7.01	7.9	6.4	0.303	0.551	6.4	6.9	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	9	0.05	0.098	0.398	0.013	0.015	0.122	0.013	0.02	0.129	0.398

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	10	15.6	14.67	25.8	3.6	80.591	8.977	3.68	5.3	22.625	25.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	10	301.	284.7	370.	167.	3934.011	62.722	172.	226.75	336.75	367.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	10	9.75	10.49	16.1	7.6	7.561	2.75	7.65	8.1	12.4	15.79

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	7	7.1	7.286	8.2	6.7	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	7	7.1	7.106	8.2	6.7	0.282	0.531	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	7	0.079	0.078	0.2	0.006	0.004	0.065	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	12	13.1	13.867	27.3	1.1	86.724	9.313	1.58	4.85	22.9	27.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	12	311.5	392.833	1253.	220.	76266.697	276.164	232.3	287.	385.	1002.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	12	9.85	8.95	13.5	0.	20.648	4.544	0.	7.65	11.675	13.47
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	8.2	7.927	8.6	7.	0.422	0.65	7.	7.1	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	8.2	7.505	8.6	7.	0.618	0.786	7.	7.1	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.006	0.031	0.1	0.003	0.002	0.041	0.003	0.003	0.079	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	14.3	14.782	24.9	1.9	61.962	7.872	2.22	9.8	21.8	24.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	270.	281.818	486.	128.	9376.364	96.832	134.8	238.	336.	456.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	10	10.05	10.15	12.3	6.4	3.027	1.74	6.66	9.15	11.65	12.25
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.7	7.782	8.7	7.3	0.178	0.421	7.3	7.5	7.9	8.62
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.7	7.641	8.7	7.3	0.199	0.447	7.3	7.5	7.9	8.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.02	0.023	0.05	0.002	0.	0.016	0.003	0.013	0.032	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	4	8.15	9.9	18.1	5.2	34.9	5.908	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	4	257.	269.75	406.	159.	11451.583	107.012	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	4	12.1	11.85	13.8	9.4	4.117	2.029	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	4	7.65	7.675	7.9	7.5	0.043	0.206	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	4	7.625	7.64	7.9	7.5	0.044	0.21	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	4	0.024	0.023	0.032	0.013	0.	0.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	12.1	13.573	24.6	3.7	55.668	7.461	3.9	7.	19.8	24.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	266.	310.455	603.	176.	13120.073	114.543	185.6	239.	342.	559.6
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	10.3	10.427	13.5	7.4	3.514	1.875	7.56	9.2	11.8	13.36
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.5	7.482	8.5	6.4	0.26	0.51	6.54	7.2	7.7	8.36
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.5	7.177	8.5	6.4	0.362	0.601	6.54	7.2	7.7	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.032	0.066	0.398	0.003	0.013	0.112	0.006	0.02	0.063	0.334

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	9	10.1	12.044	24.1	2.4	87.138	9.335	2.4	3.45	23.75	24.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	9	313.	301.889	415.	236.	3914.111	62.563	236.	241.	345.5	415.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	9	9.2	10.689	14.8	8.8	5.554	2.357	8.8	8.8	13.15	14.8
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	9	7.7	7.244	8.1	5.7	0.673	0.82	5.7	6.5	7.85	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	9	7.7	6.514	8.1	5.7	1.273	1.128	5.7	6.5	7.85	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	9	0.02	0.306	1.995	0.008	0.418	0.646	0.008	0.014	0.316	1.995

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	13.	14.709	24.9	0.2	58.081	7.621	1.52	11.3	23.	24.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	312.	308.273	449.	151.	9318.218	96.531	153.	248.	369.	445.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	9.2	9.873	14.2	7.5	4.89	2.211	7.58	8.1	11.5	13.96
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.5	7.355	7.6	6.9	0.053	0.23	6.94	7.2	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.5	7.294	7.6	6.9	0.057	0.238	6.94	7.2	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.032	0.051	0.126	0.025	0.001	0.031	0.025	0.032	0.063	0.117

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	11	12.5	14.136	25.7	2.7	65.299	8.081	2.98	5.2	22.9	25.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	11	263.	352.545	781.	157.	39638.673	199.095	158.8	188.	449.	744.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	11	9.6	9.645	12.9	5.5	6.159	2.482	5.88	7.5	12.6	12.9
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.6	7.536	8.1	6.9	0.165	0.406	6.92	7.1	7.9	8.08
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	11	7.6	7.366	8.1	6.9	0.196	0.443	6.92	7.1	7.9	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	11	0.025	0.043	0.126	0.008	0.002	0.04	0.008	0.013	0.079	0.121

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	5	9.8	12.2	21.	3.1	57.265	7.567	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	5	274.	286.6	491.	122.	23182.3	152.257	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	5	8.8	10.26	13.9	8.7	5.283	2.298	**	**	**	**
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	5	7.5	7.44	7.7	7.	0.088	0.297	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	5	7.5	7.353	7.7	7.	0.097	0.312	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	5	0.032	0.044	0.1	0.02	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 7/01 to 10/14 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	33	22.3	21.515	27.3	10.1	15.883	3.985	15.96	19.	24.25	25.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	33	285.	285.545	603.	116.	11167.943	105.678	157.4	198.5	365.5	409.4
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	30	8.25	8.303	11.3	2.	2.833	1.683	7.04	7.675	9.2	9.8
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	29	7.7	7.672	8.6	6.9	0.21	0.458	7.	7.3	7.9	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	29	7.7	7.474	8.6	6.9	0.251	0.501	7.	7.3	7.9	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	29	0.02	0.034	0.126	0.003	0.001	0.032	0.003	0.013	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	55	6.4	7.287	24.9	0.1	23.413	4.839	2.08	3.5	10.5	14.04
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	54	294.5	329.426	1338.	78.	51248.815	226.382	130.	234.5	342.	478.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	54	11.6	10.752	16.1	0.	11.904	3.45	5.6	9.5	13.	13.85
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	51	7.5	7.329	8.4	5.7	0.246	0.496	6.52	7.1	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	51	7.5	6.949	8.4	5.7	0.394	0.628	6.52	7.1	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	51	0.032	0.112	1.995	0.004	0.081	0.285	0.013	0.02	0.079	0.303

** - Less than 9 observations ## - Computed 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: 4/01 to 6/30 - Station NACC0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/83-12/02/96	28	19.65	18.371	24.4	9.8	20.565	4.535	12.08	13.7	22.6	23.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/83-12/02/96	27	281.	290.407	596.	128.	8458.635	91.971	180.4	239.	324.	385.8
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/24/83-12/02/96	28	9.5	8.879	13.	0.	6.682	2.585	5.8	8.25	9.975	11.34
00400	PH (STANDARD UNITS)	10/24/83-12/02/96	25	7.7	7.776	8.7	6.7	0.298	0.546	6.96	7.5	8.15	8.54
00400	CONVERTED PH (STANDARD UNITS)	10/24/83-12/02/96	25	7.7	7.461	8.7	6.7	0.401	0.633	6.96	7.5	8.15	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/83-12/02/96	25	0.02	0.035	0.2	0.002	0.002	0.047	0.003	0.007	0.032	0.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: NACC0182

NPS Station ID: NACC0182 LAT/LON: 38.935837/ -77.046559 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/07
RMI-Indexes: 0214001 002700 00080 Within Park Boundary: No
RMI-Miles: 0112.80 0003.90 000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003600.00 RF3 Mile Point: 10.22 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.268	0.268	0.337	0.198	0.01	0.098	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	2	550200.	550200.	1100000.	400.604560080000.		777534.617	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/71-07/18/71	2	4.322	4.322	6.041	2.602	5.915	2.432	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20976.177								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	2	230200.	230200.	460000.	400.105616080000.		324986.277	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/17/71-07/18/71	2	4.132	4.132	5.663	2.602	4.684	2.164	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			13564.66								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	151000.	151000.	300000.	2000.44402000000.		210717.821	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	4.389	4.389	5.477	3.301	2.368	1.539	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			24494.897								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0182

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50	2	1	0.50									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0183

NPS Station ID: NACC0183 LAT/LON: 38.938281/ -77.054809 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/06
RMI-Indexes: 0214001 002700 00090 Within Park Boundary: No
RMI-Miles: 0112.80 0004.30 000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 3.780 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010062000.00 RF3 Mile Point: 0.08 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.111	0.111	0.128	0.094	0.001	0.024	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	1	9300.	9300.	9300.	9300.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/71-07/18/71	1	3.968	3.968	3.968	3.968	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9300.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/18/71-07/18/71	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			1500.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/18/71-07/18/71	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/18/71-07/18/71	1	3.643	3.643	3.643	3.643	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			4400.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0184

NPS Station ID: NACC0184 | LAT/LON: 38.939448/ -77.051115 | Agency: 21DCBAWQ | Date Created: 07/09/88
Location: ROCK CREEK AT PIERCE MILL WASH.,D.C.. | FIPS State/County: 11001 DISTRICT OF COLU/DISTRICT OF COLUMBIA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): RCR06
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02070010 | Depth of Water: 0 | Aquifer:
Major Basin: NORTH ATLANTIC | Elevation: 0 | Water Body Id:
Minor Basin: POTOMAC RIVER | ECO Region:
RF1 Index: 02070010 | RF1 Mile Point: 0.000 | Distance from RF1: 0.30 | On/Off RF1:
RF3 Index: 02070010003604.49 | RF3 Mile Point: 7.64 | Distance from RF3: 0.02 | On/Off RF3:
Description:
POTOMAC RIVER WATER QUALITY NETWORK-D.C. WATER HYGIENE BRANCH STATION LOCATION:ROCK CREEK,BEECH DRIVE,NORTH WEST,AT PIERCE MILL JUST ABOVE DAM IN WASH.,D.C.. PARTICIPATING AGENCY: D.C. DEPT. OF CONSUMER AND REGULATORY AFFAIRS.

Parameter Inventory for Station: NACC0184

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: NACC0185

NPS Station ID: NACC0185 LAT/LON: 38.940477/ -77.051920 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): DIURNAL SITE 02/PIERCE MILL /REF. NO. 03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.10 On/Off RF1:
RF3 Index: 02070010007800.10 RF3 Mile Point: 0.09 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/71-07/02/71	25	24.5	24.712	26.	24.	0.466	0.683	24.	24.	25.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/01/71-07/02/71	25	23.	24.156	29.	22.	5.595	2.365	22.	22.5	25.7	28.38
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/01/71-07/02/71	23	240000.	523665.217	4600000.	4300.904085705098.814		950834.215	23000.	93000.	460000.	1100000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/01/71-07/02/71	23	5.38	5.313	6.663	3.633	0.433	0.658	4.362	4.968	5.663	6.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			205621.802								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/01/71-07/02/71	23	46000.	55252.174	280000.	1500. 3324694426.877		57660.163	4120.	24000.	64000.	110000.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/01/71-07/02/71	23	4.663	4.525	5.447	3.176	0.269	0.519	3.615	4.38	4.806	5.041
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			33514.431								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/01/71-07/02/71	20	435000.	870800.	3100000.	66000.966926484210.526		983324.201	129000.	260000.	1055000.	3000000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/01/71-07/02/71	20	5.638	5.715	6.491	4.82	0.205	0.453	5.103	5.415	6.022	6.477
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			519260.116								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0185

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	23	1.00	23	23	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	22 &	22	1.00	22	22	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0186

NPS Station ID: NACC0186 LAT/LON: 38.940477/ -77.051920 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): REF. STATION 03/DIURNAL NO.2
RMI-Indexes: 0214001 002700 Within Park Boundary: No
RMI-Miles: 0112.80 0004.60
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010 RF1 Mile Point: 0.000 Distance from RF1: 2.40 On/Off RF1:
RF3 Index: 02070010003600.00 RF3 Mile Point: 2.71 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/71-07/28/71	32	22.1	22.034	24.	18.	2.388	1.545	19.24	21.125	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/71-07/28/71	33	24.2	24.488	30.7	17.5	7.444	2.728	21.	23.1	26.	28.
00300	OXYGEN, DISSOLVED MG/L	06/16/71-08/01/71	31	8.2	8.026	10.5	5.3	1.359	1.166	6.3	7.6	8.5	9.74
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/71-08/18/71	31	0.732	0.767	2.161	0.1	0.24	0.49	0.212	0.373	1.135	1.322
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/71-08/12/71	43	11000.	135706.977	2400000.	900.179776	115902.547	424000.137	2300.	4300.	39000.	240000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/71-08/12/71	43	4.041	4.214	6.38	2.954	0.607	0.779	3.362	3.633	4.591	5.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16353.711								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	06/16/71-08/12/71	40	3950.	38562.5	460000.	400.104664	94711.538	102305.888	450.	1700.	21750.	110000.
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	06/16/71-08/12/71	40	3.597	3.74	5.663	2.602	0.673	0.82	2.637	3.223	4.329	5.041
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			5496.564								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/26/71-08/12/71	9	4000.	28233.333	110000.	400.	1378927500.	37133.913	400.	1200.	46000.	110000.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/26/71-08/12/71	9	3.602	3.855	5.041	2.602	0.808	0.899	2.602	3.065	4.663	5.041
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7164.29								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	40	14300.	85845.	830000.	3500.28	725331256.41	169485.49	6010.	8325.	87000.	287000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/15/71-08/12/71	40	4.155	4.415	5.919	3.544	0.406	0.637	3.779	3.92	4.939	5.452
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			25991.485								
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/17/71-08/12/71	32	0.03	0.037	0.28	0.01	0.003	0.051	0.01	0.02	0.03	0.054

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0186

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	16	0	0.00				15	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	31	10	0.32	24	7	0.29				7	3	0.43			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	42	0.98	27	27	1.00				16	15	0.94			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	40	40	1.00	25	25	1.00				15	15	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0187

NPS Station ID: NACC0187
Location: ROCK CREEK PARK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 0214001 002700
RMI-Miles: 0112.80 0023.55
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: POTOMAC RIVER
RF1 Index: 02070010
RF3 Index: 02070010007800.69
Description:

LAT/LON: 38.940477/ -77.051920
Depth of Water: 999
Elevation: 0
POTOMAC RIVER
RF1 Mile Point: 0.000
RF3 Mile Point: 2.07

Agency: 21MDUNIV
FIPS State/County: 24000 MARYLAND/
STORET Station ID(s): 385625707703069
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 15.80
Distance from RF3: 0.02

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: NACC0187

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: NACC0188

NPS Station ID: NACC0188 LAT/LON: 38.945531/ -77.053615 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/05
RMI-Indexes: 0214001 002700 00110 0010 Within Park Boundary: No
RMI-Miles: 0112.80 0004.70 000.10 000.10
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 4.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010062000.00 RF3 Mile Point: 0.12 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.286	0.286	0.303	0.268	0.001	0.025	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/71-07/18/71	2	234650.	234650.	460000.	9300.101565245000.		318693.026	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/71-07/18/71	2	4.816	4.816	5.663	3.968	1.435	1.198	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65406.422								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/17/71-07/18/71	2	24050.	24050.	46000.	2100.	963605000.	31041.988	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/17/71-07/18/71	2	3.992	3.992	4.663	3.322	0.899	0.948	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			9828.53								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	75000.	75000.	97000.	53000.	968000000.	31112.698	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	4.856	4.856	4.987	4.724	0.034	0.186	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			71700.767								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0188

				Total	Exceed	Prop.	----------7/01-10/14----------			----------10/15-3/31----------			----------4/01-6/30----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: NACC0189

NPS Station ID: NACC0189
Location: KEY BRIDGE-STATION 1
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 02070010
Major Basin: NORTH ATLANTIC
Minor Basin: CHESAPEAKE BAY
RF1 Index: 02070010
RF3 Index: 02070010003201.47
Description:
KEY BRIDGE-STATION 1

LAT/LON: 38.946670/ -77.069726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.29

Agency: 21MDEXP
FIPS State/County: 24990 MARYLAND/
STORET Station ID(s): 73078750644181
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.40
Distance from RF3: 0.09

Date Created: 06/27/81

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: NACC0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

***** Data for this station locked by controlling agency *****

Station Inventory for Station: NACC0190

NPS Station ID: NACC0190 LAT/LON: 38.946892/ -77.051920 Agency: 21MDUNIV Date Created: / /
Location: ROCK CREEK PARK FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): F/VIII/04
RMI-Indexes: 0214001 002700 00110 Within Park Boundary: No
RMI-Miles: 0112.80 0004.70 000.25
HUC: 02070010 Depth of Water: 999 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: POTOMAC RIVER POTOMAC RIVER ECO Region:
RF1 Index: 02070010036 RF1 Mile Point: 4.710 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02070010003604.49 RF3 Mile Point: 5.98 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: NACC0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/18/71-07/18/71	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/71-07/17/71	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/17/71-07/18/71	2	0.303	0.303	0.337	0.268	0.002	0.049	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/18/71-07/18/71	1	140000.	140000.	140000.	140000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/18/71-07/18/71	1	5.146	5.146	5.146	5.146	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			140000.								
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	07/18/71-07/18/71	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
31617	LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	07/18/71-07/18/71	1	4.38	4.38	4.38	4.38	0.	0.	**	**	**	**
31617	GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161	GEOMETRIC MEAN =			24000.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	26500.	26500.	42000.	11000.	480500000.	21920.31	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/17/71-07/18/71	2	4.332	4.332	4.623	4.041	0.169	0.411	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			21494.185								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: NACC0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire NACC Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	519	69	0.13	177	27	0.15	194	22	0.11	148	20	0.14			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	161	9	0.06	107	7	0.07	19	0	0.00	35	2	0.06			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	9610	420	0.04	3990	116	0.03	2516	178	0.07	3104	126	0.04			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2631	283	0.11	1483	261	0.18	561	8	0.01	587	14	0.02			
00400	PH	Fresh Chronic	9.	9239	57	0.01	3841	17	0.00	2473	10	0.00	2925	30	0.01			
		Marine Chronic	8.5	950	18	0.02	771	11	0.01	137	7	0.05	42	0	0.00			
		Other-Lo Lim.	6.5	10189	137	0.01	4612	52	0.01	2610	43	0.02	2967	42	0.01			
00403	PH, LAB	Fresh Chronic	9.	175	0	0.00	52	0	0.00	72	0	0.00	51	0	0.00			
		Marine Chronic	8.5	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	177	3	0.02	54	0	0.00	72	2	0.03	51	1	0.02			
00406	PH, FIELD	Fresh Chronic	9.	271	28	0.10	99	3	0.03	85	4	0.05	87	21	0.24			
		Marine Chronic	8.5	271	54	0.20	104	26	0.25	84	8	0.10	83	20	0.24			
		Other-Lo Lim.	6.5	542	9	0.02	203	0	0.00	169	5	0.03	170	4	0.02			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1631	2	0.00	597	2	0.00	582	0	0.00	452	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	631	34	0.05	269	18	0.07	188	6	0.03	174	10	0.06			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1486	4	0.00	566	1	0.00	520	2	0.00	400	1	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	472	5	0.01	161	0	0.00	169	4	0.02	142	1	0.01			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	680	7	0.01	189	0	0.00	317	7	0.02	174	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	103	0	0.00	22	0	0.00	41	0	0.00	40	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	603	0	0.00	199	0	0.00	243	0	0.00	161	0	0.00			
		Drinking Water	250.	603	3	0.00	199	0	0.00	243	3	0.01	161	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	387	0	0.00	109	0	0.00	188	0	0.00	90	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	46	0	0.00	14	0	0.00	21	0	0.00	11	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	158	0	0.00	61	0	0.00	68	0	0.00	29	0	0.00			
		Drinking Water	50.	158	0	0.00	61	0	0.00	68	0	0.00	29	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	83	0	0.00	24	0	0.00	40	0	0.00	19	0	0.00			
		Drinking Water	50.	83	0	0.00	24	0	0.00	40	0	0.00	19	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	4.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	4.	3 &	0	0.00	3	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5 &	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	7 &	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	292 &	4	0.01	102	2	0.02	123	2	0.02	67	0	0.00			
		Drinking Water	5.	292 &	3	0.01	102	1	0.01	123	2	0.02	67	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	327	1	0.00	110	0	0.00	137	1	0.01	80	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	10	1	0.10	5	0	0.00	2	0	0.00	3	1	0.33			
		Drinking Water	1300.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	465 &	26	0.06	172	12	0.07	188	10	0.05	105	4	0.04			
		Drinking Water	1300.	466	1	0.00	172	1	0.01	189	0	0.00	105	0	0.00			
		Marine Acute	2.9	25	0	0.00	11	0	0.00	10	0	0.00	4	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	10	2	0.20	5	0	0.00	2	0	0.00	3	2	0.67			
01051	LEAD, TOTAL	Fresh Acute	82.	327	3	0.01	110	2	0.02	139	1	0.01	78	0	0.00			
		Drinking Water	15.	113 &	17	0.15	31	6	0.19	59	7	0.12	23	4	0.17			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	1 &	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	28	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00			
		Drinking Water	100.	28	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	100.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	100.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	1	0.10	5	0	0.00	2	0	0.00	3	1	0.33			
		Drinking Water	5000.	10	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	322	44	0.14	104	25	0.24	137	10	0.07	81	9	0.11			
		Drinking Water	5000.	322	0	0.00	104	0	0.00	137	0	0.00	81	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire NACC Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	207	0	0.00	70	0	0.00	100	0	0.00	37	0	0.00			
		Drinking Water	50.	207	0	0.00	70	0	0.00	100	0	0.00	37	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	4	0	0.00	2	0	0.00	2	0	0.00						
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	242 &	209	0.86	71	63	0.89	109	89	0.82	62	57	0.92			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	576 &	333	0.58	258	177	0.69	179	79	0.44	139	77	0.55			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	84	52	0.62	9	4	0.44	67	45	0.67	8	3	0.38			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	10	6	0.60	10	6	0.60									
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	62 &	55	0.89	2	2	1.00	58	51	0.88	2	2	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1009 &	603	0.60	358	211	0.59	396	249	0.63	255	143	0.56			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	490 &	285	0.58	169	118	0.70	197	103	0.52	124	64	0.52			
31617	FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	154 &	154	1.00	110	110	1.00				44	44	1.00			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	61	0	0.00	21	0	0.00	25	0	0.00	15	0	0.00			
		Drinking Water	100.	61	61	1.00	21	21	1.00	25	25	1.00	15	15	1.00			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	63	0	0.00	21	0	0.00	27	0	0.00	15	0	0.00			
		Drinking Water	100.	63	46	0.73	21	18	0.86	27	18	0.67	15	10	0.67			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	5.	2	0	0.00	1	0	0.00	1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00	1	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00	1	0	0.00									
		Drinking Water	1000.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	3	0	0.00	3	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00	1	0	0.00									
		Drinking Water	700.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00	1	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00	1	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire NACC Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	10/15-3/31 Obs	10/15-3/31 Exceed	10/15-3/31 Prop.	4/01-6/30 Obs	4/01-6/30 Exceed	4/01-6/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00	1	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00	1	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03									0&	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	6	0	0.00	5	0	0.00				1	0	0.00			
		Drinking Water	1.	5 &	0	0.00	4	0	0.00				1	0	0.00			
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00	5	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00	5	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	5	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	10	0	0.00	8	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	6	0	0.00	6	0	0.00									
		Drinking Water	0.2	6	0	0.00	6	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	2.	4	0	0.00	3	0	0.00				1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	3	0	0.00	3	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	3	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	3	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	9	0	0.00	8	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	9	0	0.00	8	0	0.00				1	0	0.00			
		Drinking Water	2.	9	0	0.00	8	0	0.00				1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	3	0	0.00									
		Drinking Water	3.	3	0	0.00	3	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	5	0	0.00	5	0	0.00									
		Drinking Water	0.4	5	0	0.00	5	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	6	0	0.00	6	0	0.00									
		Drinking Water	0.2	6	0	0.00	6	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00				1	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	1.	3 &	0	0.00	2	0	0.00				1	0	0.00			
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	115 &	88	0.77	41	33	0.80	38	31	0.82	36	24	0.67			
		Marine Acute	0.013	0 &	0	0.00												
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	0 &	0	0.00												
		Marine Acute	0.013	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	322	0	0.00	101	0	0.00	141	0	0.00	80	0	0.00			
		Drinking Water	2.	322	1	0.00	101	0	0.00	141	0	0.00	80	1	0.01			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	25	1	0.04	8	0	0.00	9	1	0.11	8	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1979	166	0.08	661	31	0.05	775	94	0.12	543	41	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the NACC Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the NACC Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	2403	1977	175	251	26
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	14	0	0	14	1
		2417	1977	175	265	27 (26)[!]

pH		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	10191	8463	1325	403	56
00403	PH, LAB (STANDARD UNITS)	177	145	31	1	5
00406	PH, FIELD (STANDARD UNITS)	542	542	0	0	10
		10910	9150	1356	404	71 (66)[!]

Conductivity		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	9879	9479	400	0	54
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1112	98	1004	10	8
00096	SALINITY AT 25 DEGREES C (MG/ML)	64	2	0	62	4
00480	SALINITY - PARTS PER THOUSAND	19	0	19	0	5
		11074	9579	1423	72	71 (62)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	9612	9088	524	0	50
00300	OXYGEN, DISSOLVED (MG/L)	2631	505	1289	837	42
		12243	9593	1813	837	92 (86)[!]

Water Temperature		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12233	9419	1757	1057	103
		12233	9419	1757	1057	103(103)[!]

Flow		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	87	0	0	87	1
00061	FLOW, STREAM, INSTANTANEOUS CFS	4	4	0	0	3
00067	TIDE STAGE CODE	5202	4801	393	8	36
		5293	4805	393	95	40 (37)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	519	75	62	382	15
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	15	0	0	15	1
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	161	44	117	0	7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	727	0	559	168	21
00078	TRANSPARENCY, SECCHI DISC (METERS)	1855	1610	245	0	37
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1783	1431	244	108	23
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	25	25	0	0	2
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1981	1836	145	0	21
		7066	5021	1372	673	127 (64)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	2	0	2	0	2
00602	NITROGEN, DISSOLVED (MG/L AS N)	161	0	161	0	6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	47	0	47	0	4
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	145	0	145	0	6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	1822	1368	454	0	25
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1048	145	214	689	36
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1652	1183	469	0	24
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	506	326	91	89	13
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	340	0	317	23	13
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	2179	1035	660	484	47
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	682	18	84	580	44
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	269	103	166	0	15
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	67	0	16	51	4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	152	0	152	0	6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	150	0	150	0	6
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	151	0	151	0	6
		9373	4178	3279	1916	257 (64)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	509	0	141	368	14
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	694	0	49	645	28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1488	977	469	42	30
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	1260	816	403	41	29
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	1	0	1	0	1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1686	1377	309	0	25
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	157	0	67	90	4
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	434	276	68	90	13
		6229	3446	1507	1276	144 (63)[!]

Chlorophyll		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	603	0	603	0	5
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	97	46	14	37	10
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	111	45	66	0	5
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	608	0	608	0	11
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	266	165	101	0	12
32230	CHLOROPHYLL A (MG/L)	136	0	134	2	10
		1821	256	1526	39	53 (35)[!]

[!]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.

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	2337	1961	115	261	21
00945	SULFATE, TOTAL (MG/L AS SO4)	397	106	39	252	14
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	2	0	2	0	1
		2736	2067	156	513	36 (21)[1]

Bacteria		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	243	0	0	243	1
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	579	317	84	178	33
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	84	4	26	54	9
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	10	0	10	0	5
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	63	0	0	63	9
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	1013	872	121	20	24
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	495	233	170	92	17
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	158	0	0	158	12
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	44	0	44	0	3
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	53	0	0	53	7
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	31	0	0	31	3
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	155	0	0	155	11
		2928	1426	455	1047	134 (53)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	1	0	1	0	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	158	148	0	10	12
01002	ARSENIC, TOTAL (UG/L AS AS)	83	63	12	8	16
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10	0	0	10	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	5	4	1	0	2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10	0	0	10	1
01027	CADMIUM, TOTAL (UG/L AS CD)	316	262	40	14	16
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10	0	0	10	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	327	262	39	26	16
01040	COPPER, DISSOLVED (UG/L AS CU)	10	0	0	10	1
01042	COPPER, TOTAL (UG/L AS CU)	491	425	40	26	23
01049	LEAD, DISSOLVED (UG/L AS PB)	10	0	0	10	1
01051	LEAD, TOTAL (UG/L AS PB)	327	263	41	23	16
71900	MERCURY, TOTAL (UG/L AS HG)	322	258	38	26	16
01065	NICKEL, DISSOLVED (UG/L AS NI)	28	0	9	19	5
01067	NICKEL, TOTAL (UG/L AS NI)	7	3	4	0	2
01147	SELENIUM, TOTAL (UG/L AS SE)	207	206	1	0	13
01075	SILVER, DISSOLVED (UG/L AS AG)	10	0	0	10	1
01077	SILVER, TOTAL (UG/L AS AG)	3	2	1	0	2
01059	THALLIUM, TOTAL (UG/L AS TL)	5	4	1	0	2
01090	ZINC, DISSOLVED (UG/L AS ZN)	10	0	0	10	1
01092	ZINC, TOTAL (UG/L AS ZN)	322	256	40	26	16
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1	0	1	0	1
34210	ACROLEIN, TOTAL (UG/L)	1	0	1	0	1
34215	ACRYLONITRILE, TOTAL (UG/L)	1	0	1	0	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	1	0	1	0	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	2	0	2	0	2
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	2	0	2	0	2
34301	CHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	1	0	1	0	1
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	1	0	1	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	1	0	1	0	1
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	61	0	0	61	1
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	63	0	0	63	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	4	0	0	4	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	4	0	0	4	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	2	0	2	0	2
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	2	0	2	0	2
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	2	0	2	0	2
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	1	0	1	0	1
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	1	0	1	0	1
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	1	0	1	0	1
34371	ETHYLBENZENE, TOTAL (UG/L)	1	0	1	0	1
34413	METHYL BROMIDE, TOTAL (UG/L)	1	0	1	0	1
34418	METHYL CHLORIDE, TOTAL (UG/L)	1	0	1	0	1
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	1	0	1	0	1
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	1	0	1	0	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	1	0	1	0	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	1	0	1	0	1
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34586	2-CHLOROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	1	0	1	0	1
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	1	0	1	0	1
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34591	2-NITROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34646	4-NITROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	1	0	1	0	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	1	0	1	0	1
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	1	0	1	0	1
34205	ACENAPHTHENE, TOTAL (UG/L)	1	0	1	0	1
34200	ACENAPHTHYLENE, TOTAL (UG/L)	1	0	1	0	1
34220	ANTHRACENE, TOTAL (UG/L)	1	0	1	0	1
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	1	0	1	0	1
34247	BENZO-A-PYRENE, TOTAL (UG/L)	1	0	1	0	1
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	1	0	1	0	1
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	1	0	1	0	1
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	1	0	1	0	1
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	1	0	1	0	1
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	1	0	1	0	1
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	1	0	1	0	1
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	1	0	1	0	1
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	1	0	1	0	1
34320	CHRYSENE, TOTAL (UG/L)	1	0	1	0	1
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	1	0	1	0	1
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	1	0	1	0	1
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	1	0	1	0	1
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	1	0	1	0	1
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	1	0	1	0	1
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	1	0	1	0	1
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	1	0	1	0	1
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	1	0	1	0	1
34376	FLUORANTHENE, TOTAL (UG/L)	1	0	1	0	1
34381	FLUORENE, TOTAL (UG/L)	1	0	1	0	1
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	2
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	1	0	1	0	1
34396	HEXACHLOROETHANE, TOTAL (UG/L)	1	0	1	0	1
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	1	0	1	0	1
34408	ISOPHORONE, TOTAL (UG/L)	1	0	1	0	1
34696	NAPHTHALENE, TOTAL (UG/L)	1	0	1	0	1
34447	NITROBENZENE, TOTAL (UG/L)	1	0	1	0	1
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	1	0	1	0	1
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	1	0	1	0	1
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	1	0	1	0	1
34461	PHENANTHRENE, TOTAL (UG/L)	1	0	1	0	1

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 08/04/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34469	PYRENE, TOTAL (UG/L)	1	0	1	0	1
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	1	0	1	0	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10	2	5	3	3
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	3	2	1	0	2
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	3	2	1	0	2
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	6	2	1	3	3
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	3	2	1	0	2
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	4	0	4	0	2
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	6	2	4	0	2
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	9	2	4	3	3
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	3	2	1	0	2
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	3	2	1	0	2
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	3	2	1	0	2
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	9	2	4	3	3
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	6	2	1	3	3
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	6	2	1	3	3
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2
34671	PCB - 1016, TOTAL (UG/L)	3	2	1	0	2
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	3	2	1	0	2
		3020	2202	411	407	318 (25)[1]

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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	2417	1977	81.8	26	22.6	93.0	07/17/63-08/04/98	69.0
pH	10910	9150	83.9	66	57.4	165.3	07/23/63-08/04/98	311.4
Conductivity	11074	9579	86.5	62	53.9	178.6	04/02/68-08/04/98	365.0
Dissolved Oxygen	12243	9593	78.4	86	74.8	142.4	07/23/63-08/04/98	349.4
Water Temperature	12233	9419	77.0	103	89.6	118.8	07/23/63-08/04/98	349.2
Flow	5293	4805	90.8	37	32.2	143.1	07/17/63-08/04/98	151.0
Clarity/Turbidity	7066	5021	71.1	64	55.7	110.4	07/17/63-08/04/98	201.6
Nitrate/Nitrogen	9373	4178	44.6	64	55.7	146.5	07/23/63-08/04/98	267.5
Phosphate/Phosphorus	6229	3446	55.3	63	54.8	98.9	12/08/64-08/04/98	185.1
Chlorophyll	1821	256	14.1	35	30.4	52.0	03/18/70-07/15/97	66.6
Sulfates/Total Dissolved Solids/Hardness	2736	2067	75.5	21	18.3	130.3	07/17/63-08/04/98	78.1
Bacteria	2928	1426	48.7	53	46.1	55.2	07/30/63-08/04/98	83.6
Toxic Elements	3020	2202	72.9	25	21.7	120.8	07/16/63-02/14/97	89.9

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0002	00300	OXYGEN, DISSOLVED MG/L	800212	1020	92.0000000	21VASWCB	1AFOU000.19	X
NACC0002	00300	OXYGEN, DISSOLVED MG/L	810512	1120	75.5000000	21VASWCB	1AFOU000.19	X
NACC0002	00400	PH (STANDARD UNITS)	781127	1340	73.0000000	21VASWCB	1AFOU000.19	X
NACC0002	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	790702	1230	440.0000000	21VASWCB	1AFOU000.19	X
NACC0002	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	750418	1115	143.0000000	21VASWCB	1AFOU000.19	
NACC0002	00927	MAGNESIUM, TOTAL (MG/L AS MG)	930310	1040	6630.0000000	21VASWCB	1AFOU000.19	
NACC0002	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	970715	1015	-4.1100000	21VASWCB	1AFOU000.19	X
NACC0004	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720124	1320	25.0000000	21VASWCB	1AFOU000.63	
NACC0004	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720130	1400	25.5000000	21VASWCB	1AFOU000.63	
NACC0004	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	720601	1225	20.5000000	21VASWCB	1AFOU000.63	
NACC0004	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730322	1220	25.0000000	21VASWCB	1AFOU000.63	
NACC0004	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730516	1440	22.0000000	21VASWCB	1AFOU000.63	
NACC0004	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	730608	1345	22.0000000	21VASWCB	1AFOU000.63	
NACC0007	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	0800	32.7000000	1113POTS	POTOMAC 021	
NACC0007	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	1600	31.0000000	1113POTS	POTOMAC 021	
NACC0007	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	2000	33.0000000	1113POTS	POTOMAC 021	
NACC0007	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	691104	2400	32.9000000	1113POTS	POTOMAC 021	
NACC0007	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691103	2400	35.6400000	1113POTS	POTOMAC 021	
NACC0007	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0400	32.1800000	1113POTS	POTOMAC 021	
NACC0007	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	0800	32.2900000	1113POTS	POTOMAC 021	
NACC0007	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	1600	30.9500000	1113POTS	POTOMAC 021	
NACC0007	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2000	31.2800000	1113POTS	POTOMAC 021	
NACC0007	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691104	2400	36.7600000	1113POTS	POTOMAC 021	
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800704	1745	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800709	1600	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1230	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801021	0755	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810722	0815	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810825	1925	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830810	1931	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830831	1045	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830921	1619	0.0000000	112WRD	385039077012600	X
NACC0010	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830928	1413	0.0000000	112WRD	385039077012600	X
NACC0010	00400	PH (STANDARD UNITS)	801002	1230	0.0000000	112WRD	385039077012600	X
NACC0010	00400	PH (STANDARD UNITS)	830810	1931	0.0000000	112WRD	385039077012600	X
NACC0010	00400	PH (STANDARD UNITS)	830831	1045	0.0000000	112WRD	385039077012600	X
NACC0010	00400	PH (STANDARD UNITS)	830921	1619	0.0000000	112WRD	385039077012600	X
NACC0010	00400	PH (STANDARD UNITS)	830928	1413	0.0000000	112WRD	385039077012600	X
NACC0010	00403	PH, LAB, STANDARD UNITS SU	801021	0755	0.0000000	112WRD	385039077012600	X
NACC0010	00403	PH, LAB, STANDARD UNITS SU	810825	1925	0.0000000	112WRD	385039077012600	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690218	1020	3.7500000	111230WQ	POT-98.60	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0036	32230	CHLOROPHYLL A (MG/L)	690225		1.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690226		1.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690304	0655	2.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690311	1720	4.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690318	0135	23.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690324	0030	34.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690401	0435	39.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690402	0435	39.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690407	1600	6.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690421	1030	69.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690428	0300	115.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690429	0300	115.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690505	1320	41.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690513	0250	7.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690520	1805	78.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690526	2130	28.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690605	0447	34.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690610	0200	10.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690617	0035	26.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690625	1955	31.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690630	1700	22.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690708	2315	67.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690715	0400	72.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690724	0820	18.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690731	1350	30.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690804	1230	32.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690811	1900	5.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690826	0545	10.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690903	1900	21.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690910	1625	19.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690916	1000	17.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	690923	0445	15.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691001	1635	39.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691006	2010	18.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691021	2025	7.5000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691112	0545	48.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691119	0920	20.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691209	2050	6.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691217	0215	24.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691221	0800	6.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	691228	0255	3.7500000	111230WQ	POT-98.60	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0036	32230	CHLOROPHYLL A (MG/L)	700106	0745	11.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700113	0830	3.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700119	1305	3.7500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700127	0600	3.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700203	1158	8.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700205	1730	6.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700210	0525	9.0000000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700309	0530	5.2500000	111230WQ	POT-98.60	X
NACC0036	32230	CHLOROPHYLL A (MG/L)	700323	1200	3.7500000	111230WQ	POT-98.60	X
NACC0037	32230	CHLOROPHYLL A (MG/L)	700513	1245	76.5000000	11121TWQ	POT-CONS-003B	X
NACC0038	00690	CARBON, TOTAL (MG/L AS C)	750826	1158	332.1000000	11121TWQ	POT-CONS-003	
NACC0038	32230	CHLOROPHYLL A (MG/L)	700407	1255	12.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700513	1200	55.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700520	1200	7.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700601	1145	37.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700615	1210	78.8000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700630	1054	67.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700713	0933	58.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700921	0938	46.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	700930	1340	36.8000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	701019	1133	30.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	701116	1209	27.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	701208	1220	6.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	710125	1425	2.3000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	710329	1210	5.3000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	710426	1200	59.3000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	710524	1155	8.3000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	710630	1115	45.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	710726	1130	30.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	720906	1155	22.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	721026	1135	3.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	730410	1130	3.8000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	730507	1120	6.8000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	730620	1148	55.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	730725	1120	70.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	730821	1010	61.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	731030	1150	21.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	731204	1200	19.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740114		7.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740325	1237	61.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740501	1520	31.5000000	11121TWQ	POT-CONS-003	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0038	32230	CHLOROPHYLL A (MG/L)	740618	1145	52.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740619	1150	49.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740715	1135	45.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740716	1127	25.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	740905	1133	58.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	750715	1147	10.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	750722	1145	16.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	750825	1127	37.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	750826	1158	43.5000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	760623	1140	63.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	761202	1158	3.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	770706	1300	66.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	790814	1437	18.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	810513	1240	30.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	810617	1145	19.8000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	810721	1212	78.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	810804	1456	87.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	810819	1122	48.0000000	11121TWQ	POT-CONS-003	X
NACC0038	32230	CHLOROPHYLL A (MG/L)	810901	1045	49.5000000	11121TWQ	POT-CONS-003	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740325	1245	18.0000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740501	1500	39.0000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740618	1200	27.0000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740619	1155	21.0000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740715	1138	25.5000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740716	1125	19.5000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	740905	1043	55.5000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	750715	1150	15.0000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	750722	1147	13.5000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	750825	1130	31.5000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	750826	1203	47.2000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	760623	1145	60.0000000	11121TWQ	POT-CONS-A2	X
NACC0044	32230	CHLOROPHYLL A (MG/L)	761202	1202	3.0000000	11121TWQ	POT-CONS-A2	X
NACC0049	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1050	-1.0000000	112WRD	385130077014501	X
NACC0049	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1642	-2.9000000	112WRD	385130077014501	X
NACC0049	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	790522	1650	-0.5000000	112WRD	385130077014501	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	740325	1252	18.0000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	740501	1510	19.5000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	740618	1210	165.0000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	740619	1207	9.0000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	740715	1145	16.5000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	740716	1130	27.0000000	11121TWQ	POT-CONS-A5	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0061	32230	CHLOROPHYLL A (MG/L)	740905	1037	51.0000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	750715	1154	15.0000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	750722	1153	19.5000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	750825	1135	31.5000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	760623	1150	46.5000000	11121TWQ	POT-CONS-A5	X
NACC0061	32230	CHLOROPHYLL A (MG/L)	761202	1212	1.5000000	11121TWQ	POT-CONS-A5	X
NACC0062	32230	CHLOROPHYLL A (MG/L)	700318	1030	6.0000000	11121ZWQ	ANA-001.40	X
NACC0062	32230	CHLOROPHYLL A (MG/L)	700430	1104	2.3000000	11121ZWQ	ANA-001.40	X
NACC0062	32230	CHLOROPHYLL A (MG/L)	700608	1125	2.3000000	11121ZWQ	ANA-001.40	X
NACC0062	32230	CHLOROPHYLL A (MG/L)	700707	0950	67.5000000	11121ZWQ	ANA-001.40	X
NACC0062	32230	CHLOROPHYLL A (MG/L)	701215	1020	7.5000000	11121ZWQ	ANA-001.40	X
NACC0066	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810721	2015	0.0000000	112WRD	385216077011000	X
NACC0066	00400	PH (STANDARD UNITS)	810721	2015	0.0000000	112WRD	385216077011000	X
NACC0072	00403	PH, LAB, STANDARD UNITS SU	801021	0725	0.0000000	112WRD	385223077022400	X
NACC0074	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	800819	1323	727.0000000	11121TWQ	POT-CONS-002	X
NACC0074	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	700921	0920	464.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700407	1245	15.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700513	1140	54.8000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700520	1140	15.8000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700601	1130	33.8000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700615	1150	90.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700630	1043	80.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700713	0923	41.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700921	0920	29.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	700930	1353	41.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	701019	1120	42.8000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	701116	1150	20.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	701208	1205	3.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	710125	1415	24.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	710329	1230	2.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	710426	1135	53.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	710524	1140	8.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	710630	1125	68.3000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	710726	1120	27.8000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	720712	1215	3.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	720906	1145	21.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	721026	1145	3.8000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	730410	1145	9.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	730507	1130	13.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	730620	1140	49.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	730725	1130	71.3000000	11121TWQ	POT-CONS-002	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0074	32230	CHLOROPHYLL A (MG/L)	730821	1020	64.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	731030	1140	3.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	731204	1145	27.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740114	1342	3.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740325	1230	24.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740501	1530	36.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740618	1140	42.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740619	1134	48.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740715	1130	34.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740716	1117	36.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	740905	1126	99.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	750715	1140	9.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	750722	1138	16.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	750825	1119	24.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	750826	1150	37.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	760623	1135	54.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	761202	1150	3.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	770706	1310	48.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	790814	1446	28.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	810617	1153	16.0800000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	810721	1227	84.0000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	810819	1134	46.5000000	11121TWQ	POT-CONS-002	X
NACC0074	32230	CHLOROPHYLL A (MG/L)	810901	1050	25.5000000	11121TWQ	POT-CONS-002	X
NACC0102	00400	PH (STANDARD UNITS)	740619	1127	26.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	710329	1240	3.8000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	710426	1130	69.8000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	710524	1130	25.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	710726	1105	33.8000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	720906	1135	43.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	721026	1155	3.8000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	730410	1155	11.3000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	730507	1145	6.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	730620	1130	55.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	730725	1140	93.8000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	730821	1030	82.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	731030	1135	40.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	731204	1137	27.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740114	1335	7.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740325	1221	25.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740501	1535	39.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740618	1130	39.0000000	11121TWQ	POT-CONS-002B	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0102	32230	CHLOROPHYLL A (MG/L)	740619	1127	55.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740715	1125	37.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740716	1111	15.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	740905	1121	172.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	750715	1135	13.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	750722	1135	15.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	750825	1115	28.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	750826	1145	37.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	760623	1130	52.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	761202	1143	1.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	790514	1236	25.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	790814	1452	18.0000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	810721	1235	67.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	810804	1515	115.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	810819	1144	40.5000000	11121TWQ	POT-CONS-002B	X
NACC0102	32230	CHLOROPHYLL A (MG/L)	810901	1100	33.0000000	11121TWQ	POT-CONS-002B	X
NACC0103	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	681105		118.0000000	1110NET	100130	X
NACC0107	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	800804	0810	0.0000000	112WRD	385315077031800	X
NACC0107	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	801002	1200	0.0000000	112WRD	385315077031800	X
NACC0107	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	810721	1945	0.0000000	112WRD	385315077031800	X
NACC0107	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	830908	0929	0.0000000	112WRD	385315077031800	X
NACC0107	00400	PH (STANDARD UNITS)	800804	0810	0.0000000	112WRD	385315077031800	X
NACC0107	00400	PH (STANDARD UNITS)	801002	1200	0.0000000	112WRD	385315077031800	X
NACC0107	00400	PH (STANDARD UNITS)	810721	1945	0.0000000	112WRD	385315077031800	X
NACC0107	00400	PH (STANDARD UNITS)	830908	0929	0.0000000	112WRD	385315077031800	X
NACC0107	00403	PH, LAB, STANDARD UNITS SU	810825	2000	0.0000000	112WRD	385315077031800	X
NACC0134	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	800917		25.1000000	11121TWQ	POT-CONS-001	
NACC0134	32230	CHLOROPHYLL A (MG/L)	700407	1230	6.7000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	700513	1110	92.3000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	700520	1120	13.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	700601	1110	82.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	700615	1115	81.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	700930	1405	29.3000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	701019	1100	45.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	701116	1135	21.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	701208	1150	6.8000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	710125	1400	7.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	710329	1305	2.3000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	710426	1100	55.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	710524	1105	8.3000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	710630	1150	83.3000000	11121TWQ	POT-CONS-001	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0134	32230	CHLOROPHYLL A (MG/L)	710726	1050	39.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	720712	1245	0.8000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	720906	1120	54.8000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	721026	1205	6.8000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	730620	1110	67.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	730725	1150	99.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	730821	1045	82.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	731030	1120	21.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	731204	1127	21.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740114	1325	12.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740325	1207	25.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740501	1545	30.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740618	1120	39.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740619	1112	48.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740715	1115	37.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740716	1059	36.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	740905	1117	171.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	750715	1125	10.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	750722	1120	16.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	750825	1105	30.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	750826	1135	25.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	760623	1120	49.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	761202	1232	3.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	770706	1330	48.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	790814	1507	28.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	810513	1315	36.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	810617	1221	16.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	810721	1251	64.5000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	810804	1526	123.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	810819	1200	36.0000000	11121TWQ	POT-CONS-001	X
NACC0134	32230	CHLOROPHYLL A (MG/L)	810901	1115	24.0000000	11121TWQ	POT-CONS-001	X
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691109	2400	44.2600000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	0400	42.2700000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	1600	55.1600000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	2000	59.8900000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691110	2400	39.8500000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	0400	39.8500000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	0800	34.3500000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	1200	50.8600000	1113POTS	POTOMAC 023	
NACC0139	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	691111	1600	40.0700000	1113POTS	POTOMAC 023	
NACC0151	32230	CHLOROPHYLL A (MG/L)	760623	1115	66.0000000	11121TWQ	POT-CONS-D3	X

Water Quality Observations
Outside STORET Edit Criteria for NACC

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
NACC0151	32230	CHLOROPHYLL A (MG/L)	761202	1124	1.5000000	11121TWQ	POT-CONS-D3	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740114	1325	9.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740325	1155	16.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740501	1550	30.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740618	1140	36.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740715	1105	43.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740716	1050	33.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	740905	1108	177.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	750722	1110	16.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	750825	1050	40.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	750826	1130	25.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	760623	1110	63.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	761202	1117	1.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	790814	1517	30.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	810617	1235	15.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	810804	1540	93.0000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	810819	1214	34.5000000	11121TWQ	POT-CONS-D4	X
NACC0158	32230	CHLOROPHYLL A (MG/L)	810901	1130	16.5000000	11121TWQ	POT-CONS-D4	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740114	1315	10.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740325	1200	31.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740501	1600	39.0000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740618	1100	45.0000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740715	1055	28.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740716	1035	34.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	740905	1103	268.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	750722	1104	19.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	750825	1100	28.5000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	760623	1100	60.0000000	11121TWQ	POT-CONS-D6	X
NACC0170	32230	CHLOROPHYLL A (MG/L)	810722	0950	40.5000000	11121TWQ	POT-CONS-D6	X
NACC0181	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	840125	1200	0.0000000	21DCBAWQ	RCR07	X
NACC0181	00400	PH (STANDARD UNITS)	880503	1034	0.0000000	21DCBAWQ	RCR07	X

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) NACCTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) NACCSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) NACCAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) NACCAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) NACCOV0.DOC - Overview of park and retrieved data.

(e) NACCOV1.DOC - Station period of record table.

(f) NACCOV2.DOC - Parameter period of record table.

(g) NACCOV3.DOC - Station/parameter period of record table.

(h) NACCINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) NACCSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) NACCEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) NACCIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) NACCBAD.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 NACCOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\NACCOV1.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) NACCFIGS.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 NACC0001. 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 NACC0001) 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) NACCPARM.ZIP

This file compresses NACCPARM.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) NACCSITE.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) NACCWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) NACCIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) NACCDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) NACCGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) NACCDAMS.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) NACCMISC.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) NACCEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) NACCTOC.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) NACCREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) NACCWQ - 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 (NACCWQA, NACCWQB, NACCWQC, etc.) and the index map name will end with an ampersand (&).

(g) NACCIDG - 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 (NACCIDGA, NACCIDGB, NACCIDGC, 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) NACCSEHY - 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 NACCFIGS.ZIP and NACCTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in NACCMISC.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) NACCRF3.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) NACCWQMW.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: NACCPARM.DBF in NACCPARM.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: NACCPARM.DBF in NACCPARM.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: NACCPARM.DBF in NACCPARM.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: NACCWQ.DBF in NACCSITE.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: NACCWQ.DBF in NACCSITE.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: NACCIFD.DBF in NACCSITE.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: NACCIFD.DBF in NACCSITE.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: NACCIFD.DBF in NACCSITE.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: NACCDRIN.DBF in NACCSITE.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: NACCDRIN.DBF in NACCSITE.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: NACCDRIN.DBF in NACCSITE.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: NACCGAGE.DBF in NACCSITE.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: NACCGAGE.DBF in NACCSITE.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: NACCDAMS.DBF in NACCSITE.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: NACCDAMS.DBF in NACCSITE.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: NACCDAMS.DBF in NACCSITE.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: NACCDAMS.DBF in NACCSITE.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 NACCRF3.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 NACCRF3.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 NACCRF3.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 NACCRF3.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 NACCRF3.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 NACCRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

***pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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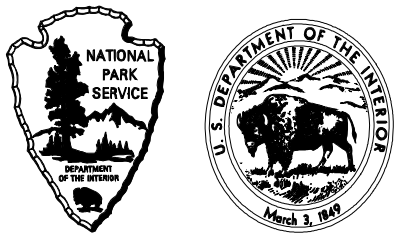
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, 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.

NPS D-23 March 1999